

Brentwood General Plan Update Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	2,560.00	1000sqft	58.77	2,560,000.00	0
Junior College (2Yr)	5,000.00	Student	5.01	218,261.19	0
Place of Worship	136.80	1000sqft	3.14	136,800.00	0
General Light Industry	2,162.10	1000sqft	49.63	2,162,100.00	0
General Light Industry	265.80	1000sqft	6.10	265,800.00	0
Hotel	28.30	Room	0.94	41,091.60	0
Apartments Low Rise	5,321.00	Dwelling Unit	332.56	5,321,000.00	15218
Single Family Housing	4,651.00	Dwelling Unit	1,510.06	8,371,800.00	13302
Regional Shopping Center	2,834.50	1000sqft	65.07	2,834,500.00	0
Regional Shopping Center	1,823.60	1000sqft	41.86	1,823,600.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2014
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Acreage, square feet, and population estimates are left at default model rates. Unit amounts are adjusted consistent with the traffic assumptions.

Construction Phase - Construction schedule assumes start date of 1/1/2015. Construction phases overlap.

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	155,000.00	1,305.00
tblConstructionPhase	NumDays	15,500.00	1,305.00
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	6,000.00	1,305.00
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblGrading	AcresOfGrading	3,262.50	38,750.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2015	43.1554	74.7709	157.6156	0.2572	51.4408	2.1549	53.5957	14.9408	1.9892	16.9300	0.0000	21,659.7545	21,659.7545	1.3175	0.0000	21,687.4213
2016	41.7981	67.1307	143.8798	0.2569	51.4410	1.9265	53.3675	14.9408	1.7788	16.7196	0.0000	21,137.9461	21,137.9461	1.2455	0.0000	21,164.1012
2017	40.5459	60.7794	131.6965	0.2557	51.3830	1.7423	53.1253	14.9253	1.6090	16.5342	0.0000	20,460.4643	20,460.4643	1.1799	0.0000	20,485.2414
2018	39.4360	54.3766	120.4645	0.2564	51.4407	1.5260	52.9668	14.9407	1.4097	16.3504	0.0000	19,962.7840	19,962.7840	1.1344	0.0000	19,986.6063
2019	38.6366	49.5833	112.3773	0.2562	51.4402	1.3823	52.8226	14.9405	1.2770	16.2175	0.0000	19,418.9187	19,418.9187	1.0932	0.0000	19,441.8759
2020	0.1456	0.1676	0.4055	9.8000e-004	36.3230	4.7700e-003	36.3278	10.8740	4.4100e-003	10.8784	0.0000	72.0222	72.0222	4.0600e-003	0.0000	72.1075
Total	203.7176	306.8085	666.4392	1.2833	293.4687	8.7369	302.2056	85.5620	8.0681	93.6301	0.0000	102,711.8899	102,711.8899	5.9745	0.0000	102,837.3536

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2015	43.1554	74.7709	157.6156	0.2572	31.4951	2.1549	33.6500	8.9687	1.9892	10.9579	0.0000	21,659.7523	21,659.7523	1.3175	0.0000	21,687.4191
2016	41.7981	67.1306	143.8798	0.2569	31.4953	1.9265	33.4219	8.9688	1.7788	10.7475	0.0000	21,137.9439	21,137.9439	1.2455	0.0000	21,164.0990
2017	40.5459	60.7794	131.6965	0.2557	31.4374	1.7423	33.1797	8.9532	1.6090	10.5622	0.0000	20,460.4621	20,460.4621	1.1799	0.0000	20,485.2392
2018	39.4360	54.3765	120.4644	0.2564	31.4951	1.5260	33.0211	8.9687	1.4097	10.3784	0.0000	19,962.7819	19,962.7819	1.1344	0.0000	19,986.6041
2019	38.6366	49.5833	112.3773	0.2562	31.4946	1.3823	32.8769	8.9684	1.2770	10.2455	0.0000	19,418.9166	19,418.9166	1.0932	0.0000	19,441.8738
2020	0.1456	0.1676	0.4055	9.8000e-004	16.3773	4.7700e-003	16.3821	4.9019	4.4100e-003	4.9063	0.0000	72.0222	72.0222	4.0600e-003	0.0000	72.1075
Total	203.7176	306.8084	666.4391	1.2833	173.7948	8.7369	182.5316	49.7296	8.0681	57.7977	0.0000	102,711.8789	102,711.8789	5.9745	0.0000	102,837.3426

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	40.78	0.00	39.60	41.88	0.00	38.27	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	141.5272	1.4845	123.9188	0.0531		7.3844	7.3844		7.3842	7.3842	730.4356	442.2207	1,172.6563	1.6758	0.0413	1,220.6419
Energy	1.9135	16.7437	9.8351	0.1044		1.3220	1.3220		1.3220	1.3220	0.0000	72,131.8467	72,131.8467	2.7683	0.8448	72,451.8772
Mobile	230.8319	468.9584	2,259.2985	3.2768	230.4814	6.1926	236.6740	61.7251	5.6770	67.4021	0.0000	274,035.8033	274,035.8033	14.4653	0.0000	274,339.5749
Waste						0.0000	0.0000		0.0000	0.0000	4,064.8250	0.0000	4,064.8250	240.2243	0.0000	9,109.5348
Water						0.0000	0.0000		0.0000	0.0000	643.0441	4,130.8640	4,773.9082	66.2336	1.5982	6,660.2410
Total	374.2726	487.1866	2,393.0523	3.4343	230.4814	14.8990	245.3804	61.7251	14.3832	76.1083	5,438.3048	350,740.7348	356,179.0396	325.3673	2.4843	363,781.8698

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	110.1111	0.9005	75.9970	3.9200e-003		0.4385	0.4385		0.4381	0.4381	0.0000	625.5624	625.5624	0.1394	9.2500e-003	631.3565
Energy	1.9135	16.7437	9.8351	0.1044		1.3220	1.3220		1.3220	1.3220	0.0000	71,633.1784	71,633.1784	2.7457	0.8402	71,951.2892

Mobile	230.8319	468.9584	2,259.2985	3.2768	230.4814	6.1926	236.6740	61.7251	5.6770	67.4021	0.0000	274,035.8033	274,035.8033	14.4653	0.0000	274,339.5749
Waste						0.0000	0.0000		0.0000	0.0000	4,064.8250	0.0000	4,064.8250	240.2243	0.0000	9,109.5348
Water						0.0000	0.0000		0.0000	0.0000	514.4353	3,435.3881	3,949.8234	52.9831	1.2778	5,458.5720
Total	342.8564	486.6026	2,345.1305	3.3851	230.4814	7.9531	238.4345	61.7251	7.4371	69.1623	4,579.2603	349,729.9322	354,309.1925	310.5579	2.1272	361,490.3274

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	8.39	0.12	2.00	1.43	0.00	46.62	2.83	0.00	48.29	9.13	15.80	0.29	0.52	4.55	14.37	0.63

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2015	1/1/2020	5	1305	
2	Grading	Grading	1/1/2015	1/1/2020	5	1305	
3	Building Construction	Building Construction	1/1/2015	1/1/2020	5	1305	
4	Paving	Paving	1/1/2015	1/1/2020	5	1305	
5	Architectural Coating	Architectural Coating	1/1/2015	1/1/2020	5	1305	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 38750

Acres of Paving: 0

Residential Indoor: 27,727,920; Residential Outdoor: 9,242,640; Non-Residential Indoor: 15,063,229; Non-Residential Outdoor: 5,021,076 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40

Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	9,001.00	2,712.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,800.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 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					11.7882	0.0000	11.7882	6.4798	0.0000	6.4798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6866	7.4241	5.5635	5.1100e-003		0.4030	0.4030		0.3708	0.3708	0.0000	486.7796	486.7796	0.1453	0.0000	489.8314
Total	0.6866	7.4241	5.5635	5.1100e-003	11.7882	0.4030	12.1913	6.4798	0.3708	6.8506	0.0000	486.7796	486.7796	0.1453	0.0000	489.8314

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-003	0.0145	0.1421	2.5000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.7000e-004	5.8600e-003	0.0000	19.9977	19.9977	1.1700e-003	0.0000	20.0223
Total	9.9000e-003	0.0145	0.1421	2.5000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.7000e-004	5.8600e-003	0.0000	19.9977	19.9977	1.1700e-003	0.0000	20.0223

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Fugitive Dust					5.3047	0.0000	5.3047	2.9159	0.0000	2.9159	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6866	7.4241	5.5634	5.1100e-003		0.4030	0.4030		0.3708	0.3708	0.0000	486.7790	486.7790	0.1453	0.0000	489.8308
Total	0.6866	7.4241	5.5634	5.1100e-003	5.3047	0.4030	5.7077	2.9159	0.3708	3.2867	0.0000	486.7790	486.7790	0.1453	0.0000	489.8308

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-003	0.0145	0.1421	2.5000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.7000e-004	5.8600e-003	0.0000	19.9977	19.9977	1.1700e-003	0.0000	20.0223
Total	9.9000e-003	0.0145	0.1421	2.5000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.7000e-004	5.8600e-003	0.0000	19.9977	19.9977	1.1700e-003	0.0000	20.0223

3.2 Site Preparation - 2016

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Fugitive Dust					11.7882	0.0000	11.7882	6.4798	0.0000	6.4798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6626	7.1295	5.3642	5.1000e-003		0.3835	0.3835		0.3528	0.3528	0.0000	481.2463	481.2463	0.1452	0.0000	484.2946

Total	0.6626	7.1295	5.3642	5.1000e-003	11.7882	0.3835	12.1717	6.4798	0.3528	6.8326	0.0000	481.2463	481.2463	0.1452	0.0000	484.2946
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8500e-003	0.0130	0.1270	2.5000e-004	0.0214	1.7000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.3137	19.3137	1.0700e-003	0.0000	19.3361
Total	8.8500e-003	0.0130	0.1270	2.5000e-004	0.0214	1.7000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.3137	19.3137	1.0700e-003	0.0000	19.3361

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3047	0.0000	5.3047	2.9159	0.0000	2.9159	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6626	7.1295	5.3642	5.1000e-003		0.3835	0.3835		0.3528	0.3528	0.0000	481.2457	481.2457	0.1452	0.0000	484.2941
Total	0.6626	7.1295	5.3642	5.1000e-003	5.3047	0.3835	5.6882	2.9159	0.3528	3.2687	0.0000	481.2457	481.2457	0.1452	0.0000	484.2941

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8500e-003	0.0130	0.1270	2.5000e-004	0.0214	1.7000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.3137	19.3137	1.0700e-003	0.0000	19.3361
Total	8.8500e-003	0.0130	0.1270	2.5000e-004	0.0214	1.7000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.3137	19.3137	1.0700e-003	0.0000	19.3361

3.2 Site Preparation - 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					
Fugitive Dust					11.7882	0.0000	11.7882	6.4798	0.0000	6.4798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6290	6.7280	5.1216	5.0800e-003		0.3581	0.3581		0.3294	0.3294	0.0000	472.1000	472.1000	0.1447	0.0000	475.1377
Total	0.6290	6.7280	5.1216	5.0800e-003	11.7882	0.3581	12.1463	6.4798	0.3294	6.8092	0.0000	472.1000	472.1000	0.1447	0.0000	475.1377

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Worker	7.7900e-003	0.0116	0.1123	2.5000e-004	0.0213	1.7000e-004	0.0215	5.6700e-003	1.5000e-004	5.8200e-003	0.0000	18.5057	18.5057	9.7000e-004	0.0000	18.5261
Total	7.7900e-003	0.0116	0.1123	2.5000e-004	0.0213	1.7000e-004	0.0215	5.6700e-003	1.5000e-004	5.8200e-003	0.0000	18.5057	18.5057	9.7000e-004	0.0000	18.5261

3.2 Site Preparation - 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					
Fugitive Dust					11.7882	0.0000	11.7882	6.4798	0.0000	6.4798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5601	5.9520	4.7286	5.1000e-003		0.3087	0.3087		0.2840	0.2840	0.0000	466.4203	466.4203	0.1452	0.0000	469.4696
Total	0.5601	5.9520	4.7286	5.1000e-003	11.7882	0.3087	12.0969	6.4798	0.2840	6.7638	0.0000	466.4203	466.4203	0.1452	0.0000	469.4696

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9700e-003	0.0105	0.1008	2.5000e-004	0.0214	1.6000e-004	0.0216	5.6900e-003	1.5000e-004	5.8400e-003	0.0000	17.8853	17.8853	9.0000e-004	0.0000	17.9042
Total	6.9700e-003	0.0105	0.1008	2.5000e-004	0.0214	1.6000e-004	0.0216	5.6900e-003	1.5000e-004	5.8400e-003	0.0000	17.8853	17.8853	9.0000e-004	0.0000	17.9042

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3047	0.0000	5.3047	2.9159	0.0000	2.9159	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5601	5.9519	4.7286	5.1000e-003		0.3087	0.3087		0.2840	0.2840	0.0000	466.4198	466.4198	0.1452	0.0000	469.4690
Total	0.5601	5.9519	4.7286	5.1000e-003	5.3047	0.3087	5.6134	2.9159	0.2840	3.1999	0.0000	466.4198	466.4198	0.1452	0.0000	469.4690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9700e-003	0.0105	0.1008	2.5000e-004	0.0214	1.6000e-004	0.0216	5.6900e-003	1.5000e-004	5.8400e-003	0.0000	17.8853	17.8853	9.0000e-004	0.0000	17.9042
Total	6.9700e-003	0.0105	0.1008	2.5000e-004	0.0214	1.6000e-004	0.0216	5.6900e-003	1.5000e-004	5.8400e-003	0.0000	17.8853	17.8853	9.0000e-004	0.0000	17.9042

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Fugitive Dust					11.7882	0.0000	11.7882	6.4798	0.0000	6.4798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5245	5.5469	4.5425	5.1100e-003		0.2806	0.2806		0.2582	0.2582	0.0000	458.9560	458.9560	0.1452	0.0000	462.0054
Total	0.5245	5.5469	4.5425	5.1100e-003	11.7882	0.2806	12.0689	6.4798	0.2582	6.7380	0.0000	458.9560	458.9560	0.1452	0.0000	462.0054

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3300e-003	9.5400e-003	0.0914	2.5000e-004	0.0214	1.6000e-004	0.0215	5.6900e-003	1.5000e-004	5.8300e-003	0.0000	17.2400	17.2400	8.4000e-004	0.0000	17.2575
Total	6.3300e-003	9.5400e-003	0.0914	2.5000e-004	0.0214	1.6000e-004	0.0215	5.6900e-003	1.5000e-004	5.8300e-003	0.0000	17.2400	17.2400	8.4000e-004	0.0000	17.2575

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3047	0.0000	5.3047	2.9159	0.0000	2.9159	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5245	5.5468	4.5425	5.1100e-003		0.2806	0.2806		0.2582	0.2582	0.0000	458.9555	458.9555	0.1452	0.0000	462.0048

Total	0.5245	5.5468	4.5425	5.1100e-003	5.3047	0.2806	5.5853	2.9159	0.2582	3.1741	0.0000	458.9555	458.9555	0.1452	0.0000	462.0048
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3300e-003	9.5400e-003	0.0914	2.5000e-004	0.0214	1.6000e-004	0.0215	5.6900e-003	1.5000e-004	5.8300e-003	0.0000	17.2400	17.2400	8.4000e-004	0.0000	17.2575
Total	6.3300e-003	9.5400e-003	0.0914	2.5000e-004	0.0214	1.6000e-004	0.0215	5.6900e-003	1.5000e-004	5.8300e-003	0.0000	17.2400	17.2400	8.4000e-004	0.0000	17.2575

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					11.7882	0.0000	11.7882	6.4798	0.0000	6.4798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8600e-003	0.0194	0.0165	2.0000e-005		9.7000e-004	9.7000e-004		8.9000e-004	8.9000e-004	0.0000	1.7202	1.7202	5.6000e-004	0.0000	1.7318
Total	1.8600e-003	0.0194	0.0165	2.0000e-005	11.7882	9.7000e-004	11.7892	6.4798	8.9000e-004	6.4807	0.0000	1.7202	1.7202	5.6000e-004	0.0000	1.7318

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	3.0000e-005	3.2000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0634	0.0634	0.0000	0.0000	0.0635
Total	2.0000e-005	3.0000e-005	3.2000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0634	0.0634	0.0000	0.0000	0.0635

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3047	0.0000	5.3047	2.9159	0.0000	2.9159	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8600e-003	0.0194	0.0165	2.0000e-005		9.7000e-004	9.7000e-004		8.9000e-004	8.9000e-004	0.0000	1.7202	1.7202	5.6000e-004	0.0000	1.7318
Total	1.8600e-003	0.0194	0.0165	2.0000e-005	5.3047	9.7000e-004	5.3057	2.9159	8.9000e-004	2.9168	0.0000	1.7202	1.7202	5.6000e-004	0.0000	1.7318

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	3.0000e-005	3.2000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0634	0.0634	0.0000	0.0000	0.0635
Total	2.0000e-005	3.0000e-005	3.2000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0634	0.0634	0.0000	0.0000	0.0635

3.3 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					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8842	10.3156	6.6346	8.0600e-003		0.4962	0.4962		0.4565	0.4565	0.0000	767.8908	767.8908	0.2293	0.0000	772.7050
Total	0.8842	10.3156	6.6346	8.0600e-003	24.4766	0.4962	24.9728	4.3785	0.4565	4.8350	0.0000	767.8908	767.8908	0.2293	0.0000	772.7050

Unmitigated Construction Off-Site

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

Worker	0.0110	0.0161	0.1579	2.8000e-004	0.0238	2.1000e-004	0.0240	6.3200e-003	1.9000e-004	6.5100e-003	0.0000	22.2197	22.2197	1.3000e-003	0.0000	22.2470
Total	0.0110	0.0161	0.1579	2.8000e-004	0.0238	2.1000e-004	0.0240	6.3200e-003	1.9000e-004	6.5100e-003	0.0000	22.2197	22.2197	1.3000e-003	0.0000	22.2470

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8842	10.3156	6.6346	8.0600e-003		0.4962	0.4962		0.4565	0.4565	0.0000	767.8899	767.8899	0.2293	0.0000	772.7041
Total	0.8842	10.3156	6.6346	8.0600e-003	11.0145	0.4962	11.5107	1.9703	0.4565	2.4268	0.0000	767.8899	767.8899	0.2293	0.0000	772.7041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	0.0161	0.1579	2.8000e-004	0.0238	2.1000e-004	0.0240	6.3200e-003	1.9000e-004	6.5100e-003	0.0000	22.2197	22.2197	1.3000e-003	0.0000	22.2470
Total	0.0110	0.0161	0.1579	2.8000e-004	0.0238	2.1000e-004	0.0240	6.3200e-003	1.9000e-004	6.5100e-003	0.0000	22.2197	22.2197	1.3000e-003	0.0000	22.2470

3.3 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					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8456	9.7632	6.4124	8.0500e-003		0.4677	0.4677		0.4303	0.4303	0.0000	759.4542	759.4542	0.2291	0.0000	764.2649
Total	0.8456	9.7632	6.4124	8.0500e-003	24.4766	0.4677	24.9444	4.3785	0.4303	4.8089	0.0000	759.4542	759.4542	0.2291	0.0000	764.2649

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.8300e-003	0.0145	0.1411	2.8000e-004	0.0238	1.9000e-004	0.0240	6.3200e-003	1.8000e-004	6.5000e-003	0.0000	21.4596	21.4596	1.1900e-003	0.0000	21.4846
Total	9.8300e-003	0.0145	0.1411	2.8000e-004	0.0238	1.9000e-004	0.0240	6.3200e-003	1.8000e-004	6.5000e-003	0.0000	21.4596	21.4596	1.1900e-003	0.0000	21.4846

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Fugitive Dust					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8456	9.7632	6.4124	8.0500e-003		0.4677	0.4677		0.4303	0.4303	0.0000	759.4533	759.4533	0.2291	0.0000	764.2640
Total	0.8456	9.7632	6.4124	8.0500e-003	11.0145	0.4677	11.4822	1.9703	0.4303	2.4007	0.0000	759.4533	759.4533	0.2291	0.0000	764.2640

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.8300e-003	0.0145	0.1411	2.8000e-004	0.0238	1.9000e-004	0.0240	6.3200e-003	1.8000e-004	6.5000e-003	0.0000	21.4596	21.4596	1.1900e-003	0.0000	21.4846
Total	9.8300e-003	0.0145	0.1411	2.8000e-004	0.0238	1.9000e-004	0.0240	6.3200e-003	1.8000e-004	6.5000e-003	0.0000	21.4596	21.4596	1.1900e-003	0.0000	21.4846

3.3 Grading - 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					
Fugitive Dust					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7929	9.0470	6.0847	8.0200e-003		0.4312	0.4312		0.3967	0.3967	0.0000	744.5610	744.5610	0.2281	0.0000	749.3517

Total	0.7929	9.0470	6.0847	8.0200e-003	24.4766	0.4312	24.9078	4.3785	0.3967	4.7753	0.0000	744.5610	744.5610	0.2281	0.0000	749.3517
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6500e-003	0.0129	0.1248	2.8000e-004	0.0237	1.8000e-004	0.0239	6.3000e-003	1.7000e-004	6.4600e-003	0.0000	20.5618	20.5618	1.0800e-003	0.0000	20.5846
Total	8.6500e-003	0.0129	0.1248	2.8000e-004	0.0237	1.8000e-004	0.0239	6.3000e-003	1.7000e-004	6.4600e-003	0.0000	20.5618	20.5618	1.0800e-003	0.0000	20.5846

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7929	9.0470	6.0847	8.0200e-003		0.4312	0.4312		0.3967	0.3967	0.0000	744.5601	744.5601	0.2281	0.0000	749.3509
Total	0.7929	9.0470	6.0847	8.0200e-003	11.0145	0.4312	11.4457	1.9703	0.3967	2.3671	0.0000	744.5601	744.5601	0.2281	0.0000	749.3509

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6500e-003	0.0129	0.1248	2.8000e-004	0.0237	1.8000e-004	0.0239	6.3000e-003	1.7000e-004	6.4600e-003	0.0000	20.5618	20.5618	1.0800e-003	0.0000	20.5846
Total	8.6500e-003	0.0129	0.1248	2.8000e-004	0.0237	1.8000e-004	0.0239	6.3000e-003	1.7000e-004	6.4600e-003	0.0000	20.5618	20.5618	1.0800e-003	0.0000	20.5846

3.3 Grading - 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					
Fugitive Dust					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6903	7.7692	5.5210	8.0500e-003		0.3638	0.3638		0.3347	0.3347	0.0000	735.5190	735.5190	0.2290	0.0000	740.3275
Total	0.6903	7.7692	5.5210	8.0500e-003	24.4766	0.3638	24.8405	4.3785	0.3347	4.7133	0.0000	735.5190	735.5190	0.2290	0.0000	740.3275

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Worker	7.7400e-003	0.0116	0.1120	2.8000e-004	0.0238	1.8000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.8726	19.8726	1.0000e-003	0.0000	19.8936
Total	7.7400e-003	0.0116	0.1120	2.8000e-004	0.0238	1.8000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.8726	19.8726	1.0000e-003	0.0000	19.8936

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6383	7.0728	5.2577	8.0500e-003		0.3269	0.3269		0.3007	0.3007	0.0000	723.5036	723.5036	0.2289	0.0000	728.3107
Total	0.6383	7.0728	5.2577	8.0500e-003	24.4766	0.3269	24.8035	4.3785	0.3007	4.6793	0.0000	723.5036	723.5036	0.2289	0.0000	728.3107

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0300e-003	0.0106	0.1016	2.8000e-004	0.0238	1.7000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.1555	19.1555	9.3000e-004	0.0000	19.1750
Total	7.0300e-003	0.0106	0.1016	2.8000e-004	0.0238	1.7000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.1555	19.1555	9.3000e-004	0.0000	19.1750

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6383	7.0728	5.2577	8.0500e-003		0.3269	0.3269		0.3007	0.3007	0.0000	723.5028	723.5028	0.2289	0.0000	728.3098
Total	0.6383	7.0728	5.2577	8.0500e-003	11.0145	0.3269	11.3414	1.9703	0.3007	2.2711	0.0000	723.5028	723.5028	0.2289	0.0000	728.3098

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0300e-003	0.0106	0.1016	2.8000e-004	0.0238	1.7000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.1555	19.1555	9.3000e-004	0.0000	19.1750
Total	7.0300e-003	0.0106	0.1016	2.8000e-004	0.0238	1.7000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.1555	19.1555	9.3000e-004	0.0000	19.1750

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Fugitive Dust					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0247	0.0192	3.0000e-005		1.1300e-003	1.1300e-003		1.0400e-003	1.0400e-003	0.0000	2.7114	2.7114	8.8000e-004	0.0000	2.7299
Total	2.2800e-003	0.0247	0.0192	3.0000e-005	24.4766	1.1300e-003	24.4777	4.3785	1.0400e-003	4.3796	0.0000	2.7114	2.7114	8.8000e-004	0.0000	2.7299

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	4.0000e-005	3.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0704	0.0704	0.0000	0.0000	0.0705
Total	2.0000e-005	4.0000e-005	3.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0704	0.0704	0.0000	0.0000	0.0705

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0247	0.0192	3.0000e-005		1.1300e-003	1.1300e-003		1.0400e-003	1.0400e-003	0.0000	2.7114	2.7114	8.8000e-004	0.0000	2.7299

Total	2.2800e-003	0.0247	0.0192	3.0000e-005	11.0145	1.1300e-003	11.0156	1.9703	1.0400e-003	1.9714	0.0000	2.7114	2.7114	8.8000e-004	0.0000	2.7299
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	4.0000e-005	3.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0704	0.0704	0.0000	0.0000	0.0705
Total	2.0000e-005	4.0000e-005	3.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0704	0.0704	0.0000	0.0000	0.0705

3.4 Building Construction - 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					
Off-Road	0.4775	3.9189	2.4462	3.5000e-003		0.2762	0.2762		0.2598	0.2598	0.0000	318.4126	318.4126	0.0799	0.0000	320.0903
Total	0.4775	3.9189	2.4462	3.5000e-003		0.2762	0.2762		0.2598	0.2598	0.0000	318.4126	318.4126	0.0799	0.0000	320.0903

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0314	40.7491	55.1006	0.0843	2.2797	0.6546	2.9343	0.6529	0.6018	1.2547	0.0000	7,717.7294	7,717.7294	0.0691	0.0000	7,719.1802
Worker	4.9506	7.2499	71.0427	0.1269	10.6946	0.0924	10.7870	2.8441	0.0844	2.9284	0.0000	9,999.9561	9,999.9561	0.5862	0.0000	10,012.2663
Total	9.9820	47.9990	126.1433	0.2111	12.9743	0.7470	13.7213	3.4970	0.6861	4.1831	0.0000	17,717.6854	17,717.6854	0.6553	0.0000	17,731.4465

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4775	3.9189	2.4462	3.5000e-003		0.2762	0.2762		0.2598	0.2598	0.0000	318.4122	318.4122	0.0799	0.0000	320.0899
Total	0.4775	3.9189	2.4462	3.5000e-003		0.2762	0.2762		0.2598	0.2598	0.0000	318.4122	318.4122	0.0799	0.0000	320.0899

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0314	40.7491	55.1006	0.0843	2.2797	0.6546	2.9343	0.6529	0.6018	1.2547	0.0000	7,717.7294	7,717.7294	0.0691	0.0000	7,719.1802
Worker	4.9506	7.2499	71.0427	0.1269	10.6946	0.0924	10.7870	2.8441	0.0844	2.9284	0.0000	9,999.9561	9,999.9561	0.5862	0.0000	10,012.2663
Total	9.9820	47.9990	126.1433	0.2111	12.9743	0.7470	13.7213	3.4970	0.6861	4.1831	0.0000	17,717.6854	17,717.6854	0.6553	0.0000	17,731.4465

3.4 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	0.4445	3.7201	2.4151	3.5000e-003		0.2567	0.2567		0.2412	0.2412	0.0000	316.0104	316.0104	0.0784	0.0000	317.6563
Total	0.4445	3.7201	2.4151	3.5000e-003		0.2567	0.2567		0.2412	0.2412	0.0000	316.0104	316.0104	0.0784	0.0000	317.6563

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4374	35.4459	50.9370	0.0841	2.2799	0.5233	2.8031	0.6530	0.4810	1.1340	0.0000	7,627.5529	7,627.5529	0.0610	0.0000	7,628.8345

Worker	4.4257	6.5024	63.4992	0.1268	10.6946	0.0871	10.7818	2.8441	0.0799	2.9239	0.0000	9,657.8988	9,657.8988	0.5351	0.0000	9,669.1348
Total	8.8630	41.9483	114.4362	0.2108	12.9745	0.6104	13.5849	3.4970	0.5609	4.0580	0.0000	17,285.4518	17,285.4518	0.5961	0.0000	17,297.9693

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4445	3.7201	2.4151	3.5000e-003		0.2567	0.2567		0.2412	0.2412	0.0000	316.0101	316.0101	0.0784	0.0000	317.6560
Total	0.4445	3.7201	2.4151	3.5000e-003		0.2567	0.2567		0.2412	0.2412	0.0000	316.0101	316.0101	0.0784	0.0000	317.6560

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4374	35.4459	50.9370	0.0841	2.2799	0.5233	2.8031	0.6530	0.4810	1.1340	0.0000	7,627.5529	7,627.5529	0.0610	0.0000	7,628.8345
Worker	4.4257	6.5024	63.4992	0.1268	10.6946	0.0871	10.7818	2.8441	0.0799	2.9239	0.0000	9,657.8988	9,657.8988	0.5351	0.0000	9,669.1348
Total	8.8630	41.9483	114.4362	0.2108	12.9745	0.6104	13.5849	3.4970	0.5609	4.0580	0.0000	17,285.4518	17,285.4518	0.5961	0.0000	17,297.9693

3.4 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	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3228	311.3228	0.0766	0.0000	312.9319
Total	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3228	311.3228	0.0766	0.0000	312.9319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0968	31.6606	48.2691	0.0836	2.2713	0.4512	2.7225	0.6506	0.4148	1.0654	0.0000	7,471.3627	7,471.3627	0.0577	0.0000	7,472.5746
Worker	3.8945	5.7955	56.1480	0.1262	10.6536	0.0827	10.7364	2.8332	0.0762	2.9093	0.0000	9,253.8565	9,253.8565	0.4866	0.0000	9,264.0758
Total	7.9913	37.4561	104.4171	0.2098	12.9250	0.5339	13.4589	3.4837	0.4910	3.9747	0.0000	16,725.2192	16,725.2192	0.5443	0.0000	16,736.6505

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Off-Road	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3225	311.3225	0.0766	0.0000
Total	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3225	311.3225	0.0766	0.0000	312.9315

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0968	31.6606	48.2691	0.0836	2.2713	0.4512	2.7225	0.6506	0.4148	1.0654	0.0000	7,471.3627	7,471.3627	0.0577	0.0000	7,472.5746
Worker	3.8945	5.7955	56.1480	0.1262	10.6536	0.0827	10.7364	2.8332	0.0762	2.9093	0.0000	9,253.8565	9,253.8565	0.4866	0.0000	9,264.0758
Total	7.9913	37.4561	104.4171	0.2098	12.9250	0.5339	13.4589	3.4837	0.4910	3.9747	0.0000	16,725.2192	16,725.2192	0.5443	0.0000	16,736.6505

3.4 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	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723
Total	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6372	28.7991	45.0068	0.0837	2.2796	0.4196	2.6992	0.6529	0.3859	1.0387	0.0000	7,367.8774	7,367.8774	0.0569	0.0000	7,369.0728
Worker	3.4833	5.2405	50.4090	0.1267	10.6946	0.0803	10.7749	2.8441	0.0742	2.9183	0.0000	8,943.6559	8,943.6559	0.4493	0.0000	8,953.0906
Total	7.1204	34.0396	95.4158	0.2104	12.9742	0.4999	13.4741	3.4969	0.4601	3.9570	0.0000	16,311.5333	16,311.5333	0.5062	0.0000	16,322.1634

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720
Total	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6372	28.7991	45.0068	0.0837	2.2796	0.4196	2.6992	0.6529	0.3859	1.0387	0.0000	7,367.8774	7,367.8774	0.0569	0.0000	7,369.0728
Worker	3.4833	5.2405	50.4090	0.1267	10.6946	0.0803	10.7749	2.8441	0.0742	2.9183	0.0000	8,943.6559	8,943.6559	0.4493	0.0000	8,953.0906
Total	7.1204	34.0396	95.4158	0.2104	12.9742	0.4999	13.4741	3.4969	0.4601	3.9570	0.0000	16,311.5333	16,311.5333	0.5062	0.0000	16,322.1634

3.4 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	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.3801	26.2852	43.1081	0.0836	2.2791	0.3900	2.6691	0.6526	0.3587	1.0113	0.0000	7,240.3896	7,240.3896	0.0556	0.0000	7,241.5571
Worker	3.1641	4.7716	45.7098	0.1266	10.6946	0.0786	10.7732	2.8441	0.0728	2.9169	0.0000	8,620.9448	8,620.9448	0.4176	0.0000	8,629.7148
Total	6.5442	31.0568	88.8179	0.2102	12.9737	0.4685	13.4422	3.4967	0.4315	3.9282	0.0000	15,861.3343	15,861.3343	0.4732	0.0000	15,871.2719

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.3801	26.2852	43.1081	0.0836	2.2791	0.3900	2.6691	0.6526	0.3587	1.0113	0.0000	7,240.3896	7,240.3896	0.0556	0.0000	7,241.5571

Worker	3.1641	4.7716	45.7098	0.1266	10.6946	0.0786	10.7732	2.8441	0.0728	2.9169	0.0000	8,620.9448	8,620.9448	0.4176	0.0000	8,629.7148
Total	6.5442	31.0568	88.8179	0.2102	12.9737	0.4685	13.4422	3.4967	0.4315	3.9282	0.0000	15,861.3343	15,861.3343	0.4732	0.0000	15,871.2719

3.4 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	1.0600e-003	9.5400e-003	8.4000e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.2000e-004	5.2000e-004	0.0000	1.1533	1.1533	2.8000e-004	0.0000	1.1592
Total	1.0600e-003	9.5400e-003	8.4000e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.2000e-004	5.2000e-004	0.0000	1.1533	1.1533	2.8000e-004	0.0000	1.1592

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0121	0.0860	0.1593	3.2000e-004	8.7300e-003	1.3400e-003	0.0101	2.5000e-003	1.2300e-003	3.7300e-003	0.0000	27.1052	27.1052	2.1000e-004	0.0000	27.1095
Worker	0.0112	0.0168	0.1609	4.9000e-004	0.0410	3.0000e-004	0.0413	0.0109	2.8000e-004	0.0112	0.0000	31.6988	31.6988	1.5000e-003	0.0000	31.7303
Total	0.0233	0.1028	0.3202	8.1000e-004	0.0497	1.6400e-003	0.0513	0.0134	1.5100e-003	0.0149	0.0000	58.8039	58.8039	1.7100e-003	0.0000	58.8398

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0600e-003	9.5400e-003	8.4000e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.2000e-004	5.2000e-004	0.0000	1.1533	1.1533	2.8000e-004	0.0000	1.1592
Total	1.0600e-003	9.5400e-003	8.4000e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.2000e-004	5.2000e-004	0.0000	1.1533	1.1533	2.8000e-004	0.0000	1.1592

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0121	0.0860	0.1593	3.2000e-004	8.7300e-003	1.3400e-003	0.0101	2.5000e-003	1.2300e-003	3.7300e-003	0.0000	27.1052	27.1052	2.1000e-004	0.0000	27.1095
Worker	0.0112	0.0168	0.1609	4.9000e-004	0.0410	3.0000e-004	0.0413	0.0109	2.8000e-004	0.0112	0.0000	31.6988	31.6988	1.5000e-003	0.0000	31.7303
Total	0.0233	0.1028	0.3202	8.1000e-004	0.0497	1.6400e-003	0.0513	0.0134	1.5100e-003	0.0149	0.0000	58.8039	58.8039	1.7100e-003	0.0000	58.8398

3.5 Paving - 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
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Total	0.3024	3.2854	1.9546	2.9100e-003		0.1846	0.1846		0.1699	0.1699	0.0000	277.0146	277.0146	0.0827	0.0000	278.7514
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2500e-003	0.0121	0.1184	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.4000e-004	4.8800e-003	0.0000	16.6647	16.6647	9.8000e-004	0.0000	16.6853
Total	8.2500e-003	0.0121	0.1184	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.4000e-004	4.8800e-003	0.0000	16.6647	16.6647	9.8000e-004	0.0000	16.6853

3.5 Paving - 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	0.2727	2.9214	1.9337	2.9100e-003		0.1646	0.1646		0.1514	0.1514	0.0000	274.2303	274.2303	0.0827	0.0000	275.9674
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2727	2.9214	1.9337	2.9100e-003		0.1646	0.1646		0.1514	0.1514	0.0000	274.2303	274.2303	0.0827	0.0000	275.9674

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3800e-003	0.0108	0.1058	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.3000e-004	4.8700e-003	0.0000	16.0947	16.0947	8.9000e-004	0.0000	16.1134
Total	7.3800e-003	0.0108	0.1058	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.3000e-004	4.8700e-003	0.0000	16.0947	16.0947	8.9000e-004	0.0000	16.1134

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2727	2.9214	1.9337	2.9100e-003		0.1646	0.1646		0.1514	0.1514	0.0000	274.2300	274.2300	0.0827	0.0000	275.9670
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2727	2.9214	1.9337	2.9100e-003		0.1646	0.1646		0.1514	0.1514	0.0000	274.2300	274.2300	0.0827	0.0000	275.9670

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3800e-003	0.0108	0.1058	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.3000e-004	4.8700e-003	0.0000	16.0947	16.0947	8.9000e-004	0.0000	16.1134
Total	7.3800e-003	0.0108	0.1058	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.3000e-004	4.8700e-003	0.0000	16.0947	16.0947	8.9000e-004	0.0000	16.1134

3.5 Paving - 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	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0144	269.0144	0.0824	0.0000	270.7454
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0144	269.0144	0.0824	0.0000	270.7454

Unmitigated Construction Off-Site

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

Worker	6.4900e-003	9.6600e-003	0.0936	2.1000e-004	0.0178	1.4000e-004	0.0179	4.7200e-003	1.3000e-004	4.8500e-003	0.0000	15.4214	15.4214	8.1000e-004	0.0000	15.4384
Total	6.4900e-003	9.6600e-003	0.0936	2.1000e-004	0.0178	1.4000e-004	0.0179	4.7200e-003	1.3000e-004	4.8500e-003	0.0000	15.4214	15.4214	8.1000e-004	0.0000	15.4384

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0141	269.0141	0.0824	0.0000	270.7450
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0141	269.0141	0.0824	0.0000	270.7450

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4900e-003	9.6600e-003	0.0936	2.1000e-004	0.0178	1.4000e-004	0.0179	4.7200e-003	1.3000e-004	4.8500e-003	0.0000	15.4214	15.4214	8.1000e-004	0.0000	15.4384
Total	6.4900e-003	9.6600e-003	0.0936	2.1000e-004	0.0178	1.4000e-004	0.0179	4.7200e-003	1.3000e-004	4.8500e-003	0.0000	15.4214	15.4214	8.1000e-004	0.0000	15.4384

3.5 Paving - 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	0.2103	2.2397	1.8915	2.9100e-003		0.1225	0.1225		0.1127	0.1127	0.0000	265.8121	265.8121	0.0828	0.0000	267.5499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2103	2.2397	1.8915	2.9100e-003		0.1225	0.1225		0.1127	0.1127	0.0000	265.8121	265.8121	0.0828	0.0000	267.5499

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-003	8.7300e-003	0.0840	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.9044	14.9044	7.5000e-004	0.0000	14.9202
Total	5.8000e-003	8.7300e-003	0.0840	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.9044	14.9044	7.5000e-004	0.0000	14.9202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.1861	1.9491	1.8747	2.9100e-003		0.1056	0.1056		0.0972	0.0972	0.0000	261.5151	261.5151	0.0827	0.0000	263.2526
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2700e-003	7.9500e-003	0.0762	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.3667	14.3667	7.0000e-004	0.0000	14.3813
Total	5.2700e-003	7.9500e-003	0.0762	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.3667	14.3667	7.0000e-004	0.0000	14.3813

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1861	1.9491	1.8747	2.9100e-003		0.1056	0.1056		0.0972	0.0972	0.0000	261.5147	261.5147	0.0827	0.0000	263.2523
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1861	1.9491	1.8747	2.9100e-003		0.1056	0.1056		0.0972	0.0972	0.0000	261.5147	261.5147	0.0827	0.0000	263.2523

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2700e-003	7.9500e-003	0.0762	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.3667	14.3667	7.0000e-004	0.0000	14.3813
Total	5.2700e-003	7.9500e-003	0.0762	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.3667	14.3667	7.0000e-004	0.0000	14.3813

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7000e-004	6.8900e-003	7.1800e-003	1.0000e-005		3.7000e-004	3.7000e-004		3.4000e-004	3.4000e-004	0.0000	0.9801	0.9801	3.2000e-004	0.0000	0.9868
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.7000e-004	6.8900e-003	7.1800e-003	1.0000e-005		3.7000e-004	3.7000e-004		3.4000e-004	3.4000e-004	0.0000	0.9801	0.9801	3.2000e-004	0.0000	0.9868

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	3.0000e-005	2.7000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529
Total	2.0000e-005	3.0000e-005	2.7000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7000e-004	6.8900e-003	7.1800e-003	1.0000e-005		3.7000e-004	3.7000e-004		3.4000e-004	3.4000e-004	0.0000	0.9801	0.9801	3.2000e-004	0.0000	0.9868
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.7000e-004	6.8900e-003	7.1800e-003	1.0000e-005		3.7000e-004	3.7000e-004		3.4000e-004	3.4000e-004	0.0000	0.9801	0.9801	3.2000e-004	0.0000	0.9868

Mitigated Construction Off-Site

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

Worker	2.0000e-005	3.0000e-005	2.7000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529
Total	2.0000e-005	3.0000e-005	2.7000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529

3.6 Architectural Coating - 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					
Archit. Coating	29.7506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0531	0.3354	0.2482	3.9000e-004		0.0288	0.0288		0.0288	0.0288	0.0000	33.3200	33.3200	4.3400e-003	0.0000	33.4111
Total	29.8036	0.3354	0.2482	3.9000e-004		0.0288	0.0288		0.0288	0.0288	0.0000	33.3200	33.3200	4.3400e-003	0.0000	33.4111

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.9900	1.4498	14.2070	0.0254	2.1387	0.0185	2.1572	0.5688	0.0169	0.5856	0.0000	1,999.7690	1,999.7690	0.1172	0.0000	2,002.2308
Total	0.9900	1.4498	14.2070	0.0254	2.1387	0.0185	2.1572	0.5688	0.0169	0.5856	0.0000	1,999.7690	1,999.7690	0.1172	0.0000	2,002.2308

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	29.7506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0531	0.3354	0.2482	3.9000e-004		0.0288	0.0288		0.0288	0.0288	0.0000	33.3199	33.3199	4.3400e-003	0.0000	33.4110
Total	29.8036	0.3354	0.2482	3.9000e-004		0.0288	0.0288		0.0288	0.0288	0.0000	33.3199	33.3199	4.3400e-003	0.0000	33.4110

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.9900	1.4498	14.2070	0.0254	2.1387	0.0185	2.1572	0.5688	0.0169	0.5856	0.0000	1,999.7690	1,999.7690	0.1172	0.0000	2,002.2308
Total	0.9900	1.4498	14.2070	0.0254	2.1387	0.0185	2.1572	0.5688	0.0169	0.5856	0.0000	1,999.7690	1,999.7690	0.1172	0.0000	2,002.2308

3.6 Architectural Coating - 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
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Category	tons/yr									MT/yr						
Archit. Coating	29.7506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	0.0481	0.3096	0.2459	3.9000e-004		0.0257	0.0257		0.0257	0.0257	0.0000	33.3200	33.3200	3.9300e-003	0.0000	33.4025
Total	29.7986	0.3096	0.2459	3.9000e-004		0.0257	0.0257		0.0257	0.0257	0.0000	33.3200	33.3200	3.9300e-003	0.0000	33.4025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8850	1.3003	12.6984	0.0254	2.1387	0.0174	2.1561	0.5688	0.0160	0.5847	0.0000	1,931.3652	1,931.3652	0.1070	0.0000	1,933.6121
Total	0.8850	1.3003	12.6984	0.0254	2.1387	0.0174	2.1561	0.5688	0.0160	0.5847	0.0000	1,931.3652	1,931.3652	0.1070	0.0000	1,933.6121

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	29.7506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0481	0.3096	0.2459	3.9000e-004		0.0257	0.0257		0.0257	0.0257	0.0000	33.3199	33.3199	3.9300e-003	0.0000	33.4024

Total	29.7986	0.3096	0.2459	3.9000e-004		0.0257	0.0257		0.0257	0.0257	0.0000	33.3199	33.3199	3.9300e-003	0.0000	33.4024
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8850	1.3003	12.6984	0.0254	2.1387	0.0174	2.1561	0.5688	0.0160	0.5847	0.0000	1,931.3652	1,931.3652	0.1070	0.0000	1,933.6121
Total	0.8850	1.3003	12.6984	0.0254	2.1387	0.0174	2.1561	0.5688	0.0160	0.5847	0.0000	1,931.3652	1,931.3652	0.1070	0.0000	1,933.6121

3.6 Architectural Coating - 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					
Archit. Coating	29.6366					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0432	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659
Total	29.6798	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7788	1.1590	11.2284	0.0252	2.1305	0.0165	2.1470	0.5666	0.0152	0.5818	0.0000	1,850.5657	1,850.5657	0.0973	0.0000	1,852.6093
Total	0.7788	1.1590	11.2284	0.0252	2.1305	0.0165	2.1470	0.5666	0.0152	0.5818	0.0000	1,850.5657	1,850.5657	0.0973	0.0000	1,852.6093

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	29.6366					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0432	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659
Total	29.6798	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7788	1.1590	11.2284	0.0252	2.1305	0.0165	2.1470	0.5666	0.0152	0.5818	0.0000	1,850.5657	1,850.5657	0.0973	0.0000	1,852.6093
Total	0.7788	1.1590	11.2284	0.0252	2.1305	0.0165	2.1470	0.5666	0.0152	0.5818	0.0000	1,850.5657	1,850.5657	0.0973	0.0000	1,852.6093

3.6 Architectural Coating - 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					
Archit. Coating	29.7506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865
Total	29.7895	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865

Unmitigated Construction Off-Site

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

Worker	0.6966	1.0480	10.0807	0.0253	2.1387	0.0161	2.1547	0.5688	0.0148	0.5836	0.0000	1,788.5325	1,788.5325	0.0898	0.0000	1,790.4192
Total	0.6966	1.0480	10.0807	0.0253	2.1387	0.0161	2.1547	0.5688	0.0148	0.5836	0.0000	1,788.5325	1,788.5325	0.0898	0.0000	1,790.4192

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	29.7506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865
Total	29.7895	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6966	1.0480	10.0807	0.0253	2.1387	0.0161	2.1547	0.5688	0.0148	0.5836	0.0000	1,788.5325	1,788.5325	0.0898	0.0000	1,790.4192
Total	0.6966	1.0480	10.0807	0.0253	2.1387	0.0161	2.1547	0.5688	0.0148	0.5836	0.0000	1,788.5325	1,788.5325	0.0898	0.0000	1,790.4192

3.6 Architectural Coating - 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					
Archit. Coating	29.7506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0348	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3791
Total	29.7853	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3791

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6328	0.9542	9.1409	0.0253	2.1387	0.0157	2.1544	0.5688	0.0146	0.5833	0.0000	1,723.9974	1,723.9974	0.0835	0.0000	1,725.7512
Total	0.6328	0.9542	9.1409	0.0253	2.1387	0.0157	2.1544	0.5688	0.0146	0.5833	0.0000	1,723.9974	1,723.9974	0.0835	0.0000	1,725.7512

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr									MT/yr						
Archit. Coating	29.7506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	0.0348	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3790
Total	29.7853	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3790

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6328	0.9542	9.1409	0.0253	2.1387	0.0157	2.1544	0.5688	0.0146	0.5833	0.0000	1,723.9974	1,723.9974	0.0835	0.0000	1,725.7512
Total	0.6328	0.9542	9.1409	0.0253	2.1387	0.0157	2.1544	0.5688	0.0146	0.5833	0.0000	1,723.9974	1,723.9974	0.0835	0.0000	1,725.7512

3.6 Architectural Coating - 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					
Archit. Coating	0.1140					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2000e-004	8.4000e-004	9.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1279

Total	0.1141	8.4000e-004	9.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1279
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2500e-003	3.3600e-003	0.0322	1.0000e-004	8.1900e-003	6.0000e-005	8.2500e-003	2.1800e-003	6.0000e-005	2.2300e-003	0.0000	6.3391	6.3391	3.0000e-004	0.0000	6.3454
Total	2.2500e-003	3.3600e-003	0.0322	1.0000e-004	8.1900e-003	6.0000e-005	8.2500e-003	2.1800e-003	6.0000e-005	2.2300e-003	0.0000	6.3391	6.3391	3.0000e-004	0.0000	6.3454

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1140					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2000e-004	8.4000e-004	9.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1279
Total	0.1141	8.4000e-004	9.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1279

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2500e-003	3.3600e-003	0.0322	1.0000e-004	8.1900e-003	6.0000e-005	8.2500e-003	2.1800e-003	6.0000e-005	2.2300e-003	0.0000	6.3391	6.3391	3.0000e-004	0.0000	6.3454
Total	2.2500e-003	3.3600e-003	0.0322	1.0000e-004	8.1900e-003	6.0000e-005	8.2500e-003	2.1800e-003	6.0000e-005	2.2300e-003	0.0000	6.3391	6.3391	3.0000e-004	0.0000	6.3454

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	230.8319	468.9584	2,259.2985	3.2768	230.4814	6.1926	236.6740	61.7251	5.6770	67.4021	0.0000	274,035.8033	274,035.8033	14.4653	0.0000	274,339.5749
Unmitigated	230.8319	468.9584	2,259.2985	3.2768	230.4814	6.1926	236.6740	61.7251	5.6770	67.4021	0.0000	274,035.8033	274,035.8033	14.4653	0.0000	274,339.5749

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	35,065.39	38,098.36	32,298.47	78,363,632	78,363,632
General Light Industry	15,069.84	2,853.97	1,470.23	33,229,619	33,229,619

General Light Industry	1,852.63	350.86	180.74	4,085,118	4,085,118
General Office Building	28,185.60	6,067.20	2508.80	51,039,658	51,039,658
Hotel	231.21	231.78	168.39	422,386	422,386
Junior College (2Yr)	6,000.00	2,100.00	200.00	11,718,149	11,718,149
Place of Worship	1,246.25	1,418.62	5010.98	3,383,496	3,383,496
Regional Shopping Center	121,713.43	141,639.97	71542.78	205,825,437	205,825,437
Regional Shopping Center	78,305.38	91,125.29	46027.66	132,419,568	132,419,568
Single Family Housing	44,510.07	46,882.08	40789.27	98,932,627	98,932,627
Total	332,179.80	330,768.12	200,197.33	619,419,690	619,419,690

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1
Place of Worship	9.50	7.30	7.30	0.00	95.00	5.00	64	25	11
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Single Family Housing	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.526919	0.065238	0.176274	0.147663	0.036918	0.004962	0.009404	0.019426	0.001222	0.001497	0.006279	0.002142	0.002057

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	52,696.5017	52,696.5017	2.3828	0.4930	52,899.3670
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	53,195.1700	53,195.1700	2.4053	0.4977	53,399.9550
NaturalGas Mitigated	1.9135	16.7437	9.8351	0.1044		1.3220	1.3220		1.3220	1.3220	0.0000	18,936.6768	18,936.6768	0.3630	0.3472	19,051.9222
NaturalGas Unmitigated	1.9135	16.7437	9.8351	0.1044		1.3220	1.3220		1.3220	1.3220	0.0000	18,936.6768	18,936.6768	0.3630	0.3472	19,051.9222

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	5.73682e+07	0.3093	2.6434	1.1249	0.0169		0.2137	0.2137		0.2137	0.2137	0.0000	3,061.3857	3,061.3857	0.0587	0.0561	3,080
General Light Industry	5.92632e+07	0.3196	2.9051	2.4403	0.0174		0.2208	0.2208		0.2208	0.2208	0.0000	3,162.5080	3,162.5080	0.0606	0.0580	3,181
General Light Industry	7.28558e+06	0.0393	0.3571	0.3000	2.1400e-003		0.0271	0.0271		0.0271	0.0271	0.0000	388.7862	388.7862	7.4500e-003	7.1300e-003	391.5
General Office Building	4.40832e+07	0.2377	2.1609	1.8152	0.0130		0.1642	0.1642		0.1642	0.1642	0.0000	2,352.4474	2,352.4474	0.0451	0.0431	2,366
Hotel	1.90583e+06	0.0103	0.0934	0.0785	5.6000e-004		7.1000e-003	7.1000e-003		7.1000e-003	7.1000e-003	0.0000	101.7023	101.7023	1.9500e-003	1.8600e-003	102.5
Junior College (2Yr)	5.50455e+06	0.0297	0.2698	0.2267	1.6200e-003		0.0205	0.0205		0.0205	0.0205	0.0000	293.7436	293.7436	5.6300e-003	5.3900e-003	295.5
Place of Worship	3.74969e+06	0.0202	0.1838	0.1544	1.1000e-003		0.0140	0.0140		0.0140	0.0140	0.0000	200.0976	200.0976	3.8400e-003	3.6700e-003	201.5

Regional Shopping Center	4.54076e+06	0.0245	0.2226	0.1870	1.3400e-003		0.0169	0.0169		0.0169	0.0169	0.0000	242.3125	242.3125	4.6400e-003	4.4400e-003	243.7
Regional Shopping Center	7.05791e+06	0.0381	0.3460	0.2906	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	376.6367	376.6367	7.2200e-003	6.9100e-003	378.9
Single Family Housing	1.64101e+08	0.8849	7.5615	3.2177	0.0483		0.6114	0.6114		0.6114	0.6114	0.0000	8,757.0568	8,757.0568	0.1678	0.1606	8,810
Total		1.9135	16.7437	9.8351	0.1044		1.3220	1.3220		1.3220	1.3220	0.0000	18,936.6767	18,936.6767	0.3630	0.3472	19,051

Mitigated

	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	CO
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	5.92632e+07	0.3196	2.9051	2.4403	0.0174		0.2208	0.2208		0.2208	0.2208	0.0000	3,162.5080	3,162.5080	0.0606	0.0580	3,181
General Light Industry	7.28558e+06	0.0393	0.3571	0.3000	2.1400e-003		0.0271	0.0271		0.0271	0.0271	0.0000	388.7862	388.7862	7.4500e-003	7.1300e-003	391.9
General Office Building	4.40832e+07	0.2377	2.1609	1.8152	0.0130		0.1642	0.1642		0.1642	0.1642	0.0000	2,352.4474	2,352.4474	0.0451	0.0431	2,366
Hotel	1.90583e+06	0.0103	0.0934	0.0785	5.6000e-004		7.1000e-003	7.1000e-003		7.1000e-003	7.1000e-003	0.0000	101.7023	101.7023	1.9500e-003	1.8600e-003	102.5
Junior College (2Yr)	5.50455e+06	0.0297	0.2698	0.2267	1.6200e-003		0.0205	0.0205		0.0205	0.0205	0.0000	293.7436	293.7436	5.6300e-003	5.3900e-003	295.9
Place of Worship	3.74969e+06	0.0202	0.1838	0.1544	1.1000e-003		0.0140	0.0140		0.0140	0.0140	0.0000	200.0976	200.0976	3.8400e-003	3.6700e-003	201.5
Regional Shopping Center	4.54076e+06	0.0245	0.2226	0.1870	1.3400e-003		0.0169	0.0169		0.0169	0.0169	0.0000	242.3125	242.3125	4.6400e-003	4.4400e-003	243.7
Regional Shopping Center	7.05791e+06	0.0381	0.3460	0.2906	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	376.6367	376.6367	7.2200e-003	6.9100e-003	378.9
Single Family Housing	1.64101e+08	0.8849	7.5615	3.2177	0.0483		0.6114	0.6114		0.6114	0.6114	0.0000	8,757.0568	8,757.0568	0.1678	0.1606	8,810
Apartments Low Rise:	5.73682e+07	0.3093	2.6434	1.1249	0.0169		0.2137	0.2137		0.2137	0.2137	0.0000	3,061.3857	3,061.3857	0.0587	0.0561	3,080
Total		1.9135	16.7437	9.8351	0.1044		1.3220	1.3220		1.3220	1.3220	0.0000	18,936.6767	18,936.6767	0.3630	0.3472	19,051

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise:	1.95904e+07	5,699.0659	0.2577	0.0533	5,721.0055
General Light Industry	1.95238e+07	5,679.6865	0.2568	0.0531	5,701.5516
General Light Industry	2.40017e+06	698.2381	0.0316	6.5300e-003	700.9261
General Office Building	5.04576e+07	14,678.6944	0.6637	0.1373	14,735.2029
Hotel	346813	100.8919	4.5600e-003	9.4000e-004	101.2803
Junior College (2Yr)	1.95344e+06	568.2774	0.0257	5.3200e-003	570.4651
Place of Worship	1.2353e+006	359.3641	0.0163	3.3600e-003	360.7475
Regional Shopping Center	2.13179e+07	6,201.6169	0.2804	0.0580	6,225.4912
Regional Shopping Center	3.31353e+07	9,639.4402	0.4359	0.0902	9,676.5491
Single Family Housing	3.28962e+07	9,569.8946	0.4327	0.0895	9,606.7357
Total		53,195.1700	2.4053	0.4977	53,399.9550

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise:	1.89542e+07	5,513.9864	0.2493	0.0516	5,535.2136

General Light Industry	1.95238e+07	5,679.6865	0.2568	0.0531	5,701.5516
General Light Industry	2.40017e+06	698.2381	0.0316	6.5300e-003	700.9261
General Office Building	5.04576e+07	14,678.6944	0.6637	0.1373	14,735.2029
Hotel	346813	100.8919	4.5600e-003	9.4000e-004	101.2803
Junior College (2Yr)	1.95344e+06	568.2774	0.0257	5.3200e-003	570.4651
Place of Worship	1.2353e+006	359.3641	0.0163	3.3600e-003	360.7475
Regional Shopping Center	2.13179e+07	6,201.6169	0.2804	0.0580	6,225.4912
Regional Shopping Center	3.31353e+07	9,639.4402	0.4359	0.0902	9,676.5491
Single Family Housing	3.18183e+07	9,256.3057	0.4185	0.0866	9,291.9396
Total		52,696.5017	2.3828	0.4930	52,899.3670

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	110.1111	0.9005	75.9970	3.9200e-003		0.4385	0.4385		0.4381	0.4381	0.0000	625.5624	625.5624	0.1394	9.2500e-003	631.3565

Unmitigated	141.5272	1.4845	123.9188	0.0531		7.3844	7.3844		7.3842	7.3842	730.4356	442.2207	1,172.6563	1.6758	0.0413	1,220.6419
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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	14.8753					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	92.6969					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	31.4671	0.5841	47.9246	0.0492		6.9811	6.9811		6.9809	6.9809	730.4356	321.0077	1,051.4433	1.5461	0.0413	1,096.7042
Landscaping	2.4880	0.9005	75.9942	3.9200e-003		0.4033	0.4033		0.4033	0.4033	0.0000	121.2130	121.2130	0.1298	0.0000	123.9377
Total	141.5272	1.4845	123.9188	0.0531		7.3844	7.3844		7.3842	7.3842	730.4356	442.2207	1,172.6563	1.6758	0.0413	1,220.6419

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	14.8753					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	92.6969					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0510	0.0000	2.7800e-003	0.0000		0.0352	0.0352		0.0348	0.0348	0.0000	504.3494	504.3494	9.6700e-003	9.2500e-003	507.4188

Landscaping	2.4880	0.9005	75.9942	3.9200e-003		0.4033	0.4033		0.4033	0.4033	0.0000	121.2130	121.2130	0.1298	0.0000	123.9377
Total	110.1111	0.9005	75.9970	3.9200e-003		0.4385	0.4385		0.4381	0.4381	0.0000	625.5624	625.5624	0.1394	9.2500e-003	631.3565

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3,949.8234	52.9831	1.2778	5,458.5720
Unmitigated	4,773.9082	66.2336	1.5982	6,660.2410

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise:	346.685 / 218.562	878.2485	11.3315	0.2739	1,201.1266

General Light Industry	561.452 / 0	1,061.9165	18.3349	0.4403	1,583.4267
General Office Building	454.998 / 278.87	1,144.5156	14.8714	0.3594	1,568.2386
Hotel	0.71788 / 0.0797644	1.4390	0.0235	5.6000e-004	2.1061
Junior College (2Yr)	10.7055 / 16.7445	37.2972	0.3504	8.5500e-003	47.3068
Place of Worship	4.28032 / 6.69486	14.9123	0.1401	3.4200e-003	18.9144
Regional Shopping Center	345.037 / 211.474	867.9162	11.2773	0.2726	1,189.2364
Single Family Housing	303.031 / 191.042	767.6628	9.9047	0.2394	1,049.8854
Total		4,773.9082	66.2336	1.5982	6,660.2410

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise:	277.348 / 205.23	733.5315	9.0649	0.2191	991.8128
General Light Industry	449.161 / 0	849.5332	14.6652	0.3517	1,266.5140
General Office Building	363.999 / 261.859	955.0805	11.8967	0.2875	1,294.0266
Hotel	0.574304 / 0.0748988	1.1625	0.0188	4.5000e-004	1.6959
Junior College (2Yr)	8.5644 / 15.7231	32.2076	0.2804	6.8500e-003	40.2200
Place of Worship	3.42426 / 6.28648	12.8774	0.1121	2.7400e-003	16.0810
Regional Shopping Center	276.03 / 198.574	724.2626	9.0216	0.2180	981.2943
Single Family Housing	242.425 / 179.388	641.1680	7.9235	0.1915	866.9275

Total		3,949.8234	52.9831	1.2777	5,458.5720
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8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	4,064.8250	240.2243	0.0000	9,109.5348
Unmitigated	4,064.8250	240.2243	0.0000	9,109.5348

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	2447.66	496.8529	29.3632	0.0000	1,113.4793
General Light Industry	3010.6	611.1246	36.1164	0.0000	1,369.5696
General Office Building	2380.8	483.2809	28.5611	0.0000	1,083.0636
Hotel	15.49	3.1443	0.1858	0.0000	7.0467

Junior College (2Yr)	912.5	185.2293	10.9467	0.0000	415.1107
Place of Worship	779.76	158.2842	9.3543	0.0000	354.7252
Regional Shopping Center	4891.01	992.8308	58.6746	0.0000	2,224.9979
Single Family Housing	5586.84	1,134.0780	67.0221	0.0000	2,541.5420
Total		4,064.8250	240.2243	0.0000	9,109.5348

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise:	2447.66	496.8529	29.3632	0.0000	1,113.4793
General Light Industry	3010.6	611.1246	36.1164	0.0000	1,369.5696
General Office Building	2380.8	483.2809	28.5611	0.0000	1,083.0636
Hotel	15.49	3.1443	0.1858	0.0000	7.0467
Junior College (2Yr)	912.5	185.2293	10.9467	0.0000	415.1107
Place of Worship	779.76	158.2842	9.3543	0.0000	354.7252
Regional Shopping Center	4891.01	992.8308	58.6746	0.0000	2,224.9979
Single Family Housing	5586.84	1,134.0780	67.0221	0.0000	2,541.5420
Total		4,064.8250	240.2243	0.0000	9,109.5348

9.0 Operational Offroad

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

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Brentwood General Plan Update Contra Costa County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	2,560.00	1000sqft	58.77	2,560,000.00	0
Junior College (2Yr)	5,000.00	Student	5.01	218,261.19	0
Place of Worship	136.80	1000sqft	3.14	136,800.00	0
General Light Industry	2,162.10	1000sqft	49.63	2,162,100.00	0
General Light Industry	265.80	1000sqft	6.10	265,800.00	0
Hotel	28.30	Room	0.94	41,091.60	0
Apartments Low Rise	5,321.00	Dwelling Unit	332.56	5,321,000.00	15218
Single Family Housing	4,651.00	Dwelling Unit	1,510.06	8,371,800.00	13302
Regional Shopping Center	2,834.50	1000sqft	65.07	2,834,500.00	0
Regional Shopping Center	1,823.60	1000sqft	41.86	1,823,600.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2014
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Acreage, square feet, and population estimates are left at default model rates. Unit amounts are adjusted consistent with the traffic assumptions.

Construction Phase - Construction schedule assumes start date of 1/1/2015. Construction phases overlap.

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	155,000.00	1,305.00
tblConstructionPhase	NumDays	15,500.00	1,305.00
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	6,000.00	1,305.00
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblGrading	AcresOfGrading	3,262.50	38,750.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2015	331.1147	555.4550	1,178.6959	2.0764	175.9233	16.4868	192.4102	48.9193	15.2191	64.1384	0.0000	192,230.4527	192,230.4527	11.1228	0.0000	192,464.0319
2016	321.0267	499.0719	1,070.3151	2.0746	175.9251	14.7449	190.6699	48.9200	13.6140	62.5340	0.0000	187,524.3667	187,524.3667	10.5151	0.0000	187,745.1834
2017	312.7631	453.8655	978.9116	2.0731	175.9265	13.3874	189.3139	48.9206	12.3630	61.2835	0.0000	182,143.1743	182,143.1743	9.9990	0.0000	182,353.1541
2018	303.4359	404.3918	885.5760	2.0711	175.9229	11.6802	187.6032	48.9191	10.7899	59.7090	0.0000	176,967.5621	176,967.5621	9.5765	0.0000	177,168.6686
2019	297.3934	368.8150	822.4072	2.0698	175.9191	10.5803	186.4994	48.9174	9.7744	58.6918	0.0000	172,085.9871	172,085.9871	9.2284	0.0000	172,279.7842
2020	292.5464	325.5310	771.0436	2.0688	175.9173	9.5380	185.4552	48.9166	8.8114	57.7280	0.0000	166,527.0393	166,527.0393	8.9466	0.0000	166,714.9177
Total	1,858.2802	2,607.1302	5,706.9494	12.4338	1,055.5342	76.4176	1,131.9518	293.5129	70.5718	364.0847	0.0000	1,077,478.5824	1,077,478.5824	59.3885	0.0000	1,078,725.7399

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					
2015	331.1147	555.4550	1,178.6959	2.0764	145.3553	16.4868	161.8421	39.7667	15.2191	54.9858	0.0000	192,230.4527	192,230.4527	11.1228	0.0000	192,464.0319
2016	321.0267	499.0719	1,070.3151	2.0746	145.3570	14.7449	160.1019	39.7674	13.6140	53.3814	0.0000	187,524.3667	187,524.3667	10.5151	0.0000	187,745.1834
2017	312.7631	453.8655	978.9116	2.0731	145.3585	13.3874	158.7459	39.7680	12.3630	52.1309	0.0000	182,143.1743	182,143.1743	9.9990	0.0000	182,353.1541
2018	303.4359	404.3918	885.5760	2.0711	145.3549	11.6802	157.0351	39.7665	10.7899	50.5564	0.0000	176,967.5621	176,967.5621	9.5765	0.0000	177,168.6686
2019	297.3934	368.8150	822.4072	2.0698	145.3510	10.5803	155.9313	39.7648	9.7744	49.5392	0.0000	172,085.9871	172,085.9871	9.2284	0.0000	172,279.7842
2020	292.5464	325.5310	771.0436	2.0688	145.3492	9.5380	154.8872	39.7640	8.8114	48.5754	0.0000	166,527.0393	166,527.0393	8.9466	0.0000	166,714.9177
Total	1,858.2802	2,607.1302	5,706.9494	12.4338	872.1258	76.4176	948.5434	238.5973	70.5718	309.1691	0.0000	1,077,478.5823	1,077,478.5823	59.3885	0.0000	1,078,725.7398

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	17.38	0.00	16.20	18.71	0.00	15.08	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	10,825.9795	145.6355	13,250.7766	4.3456		1,746.8315	1,746.8315		1,746.7412	1,746.7412	180,982.2712	136,986.4873	317,968.7586	152.6075	15.6518	326,025.5814
Energy	10.4847	91.7464	53.8909	0.5719		7.2440	7.2440		7.2440	7.2440		114,378.7012	114,378.7012	2.1923	2.0969	115,074.7909
Mobile	1,604.1549	2,881.4404	14,517.4563	23.0510	1,565.5071	40.5234	1,606.0305	418.0649	37.1491	455.2139		2,123,334.2292	2,123,334.2292	104.7189		2,125,533.3262
Total	12,440.6191	3,118.8222	27,822.1238	27.9686	1,565.5071	1,794.5989	3,360.1060	418.0649	1,791.1342	2,209.1991	180,982.2712	2,374,699.4177	2,555,681.6890	259.5187	17.7488	2,566,633.6985

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	635.9285	10.0061	845.4080	0.0436		17.5032	17.5032		17.3661	17.3661	0.0000	207,099.0638	207,099.0638	5.5301	3.7696	208,383.7714
Energy	10.4847	91.7464	53.8909	0.5719		7.2440	7.2440		7.2440	7.2440		114,378.7012	114,378.7012	2.1923	2.0969	115,074.7909
Mobile	1,604.1549	2,881.4404	14,517.4563	23.0510	1,565.5071	40.5234	1,606.0305	418.0649	37.1491	455.2139		2,123,334.2292	2,123,334.2292	104.7189		2,125,533.3262

Total	2,250.5681	2,983.1928	15,416.7552	23.6665	1,565.5071	65.2706	1,630.7777	418.0649	61.7591	479.8240	0.0000	2,444,811.9942	2,444,811.9942	112.4413	5.8665	2,448,991.885
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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	81.91	4.35	44.59	15.38	0.00	96.36	51.47	0.00	96.55	78.28	100.00	-2.95	4.34	56.67	66.95	4.58

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2015	1/1/2020	5	1305	
2	Grading	Grading	1/1/2015	1/1/2020	5	1305	
3	Building Construction	Building Construction	1/1/2015	1/1/2020	5	1305	
4	Paving	Paving	1/1/2015	1/1/2020	5	1305	
5	Architectural Coating	Architectural Coating	1/1/2015	1/1/2020	5	1305	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 38750

Acres of Paving: 0

Residential Indoor: 27,727,920; Residential Outdoor: 9,242,640; Non-Residential Indoor: 15,063,229; Non-Residential Outdoor: 5,021,076 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40

Category	lb/day										lb/day				
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000		0.0000
Off-Road	5.2609	56.8897	42.6318	0.0391		3.0883	3.0883		2.8412	2.8412		4,111.7444	4,111.7444	1.2275	4,137.5225
Total	5.2609	56.8897	42.6318	0.0391	18.0663	3.0883	21.1545	9.9307	2.8412	12.7719		4,111.7444	4,111.7444	1.2275	4,137.5225

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.0990	1.1863	2.1200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		183.9496	183.9496	9.9000e-003		184.1575
Total	0.0833	0.0990	1.1863	2.1200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		183.9496	183.9496	9.9000e-003		184.1575

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	5.2609	56.8897	42.6318	0.0391		3.0883	3.0883		2.8412	2.8412	0.0000	4,111.7444	4,111.7444	1.2275		4,137.5224

Total	5.2609	56.8897	42.6318	0.0391	8.1298	3.0883	11.2181	4.4688	2.8412	7.3100	0.0000	4,111.7444	4,111.7444	1.2275		4,137.5224
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.0990	1.1863	2.1200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		183.9496	183.9496	9.9000e-003		184.1575
Total	0.0833	0.0990	1.1863	2.1200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		183.9496	183.9496	9.9000e-003		184.1575

3.2 Site Preparation - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036		4,065.0053	4,065.0053	1.2262		4,090.7544
Total	5.0771	54.6323	41.1053	0.0391	18.0663	2.9387	21.0049	9.9307	2.7036	12.6343		4,065.0053	4,065.0053	1.2262		4,090.7544

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0749	0.0889	1.0649	2.1200e-003	0.1698	1.3400e-003	0.1711	0.0450	1.2200e-003	0.0462	177.6788	177.6788	9.0400e-003	177.8686	177.8686	
Total	0.0749	0.0889	1.0649	2.1200e-003	0.1698	1.3400e-003	0.1711	0.0450	1.2200e-003	0.0462	177.6788	177.6788	9.0400e-003	177.8686	177.8686	

3.2 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339		4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646		4,003.0859	4,003.0859	1.2265		4,028.8432

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0667	0.0795	0.9503	2.1200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		170.9236	170.9236	8.2500e-003		171.0968
Total	0.0667	0.0795	0.9503	2.1200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		170.9236	170.9236	8.2500e-003		171.0968

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339	0.0000	4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	8.1298	2.7542	10.8840	4.4688	2.5339	7.0027	0.0000	4,003.0859	4,003.0859	1.2265		4,028.8432

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0667	0.0795	0.9503	2.1200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		170.9236	170.9236	8.2500e-003		171.0968
Total	0.0667	0.0795	0.9503	2.1200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		170.9236	170.9236	8.2500e-003		171.0968

3.2 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762		3,939.7731	3,939.7731	1.2265		3,965.5297
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069		3,939.7731	3,939.7731	1.2265		3,965.5297

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0599	0.0717	0.8544	2.1200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		164.5783	164.5783	7.5900e-003		164.7377
Total	0.0599	0.0717	0.8544	2.1200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		164.5783	164.5783	7.5900e-003		164.7377

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762	0.0000	3,939.7731	3,939.7731	1.2265		3,965.5297
Total	4.2921	45.6088	36.2346	0.0391	8.1298	2.3654	10.4952	4.4688	2.1762	6.6450	0.0000	3,939.7731	3,939.7731	1.2265		3,965.5297

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0599	0.0717	0.8544	2.1200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		164.5783	164.5783	7.5900e-003		164.7377
Total	0.0599	0.0717	0.8544	2.1200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		164.5783	164.5783	7.5900e-003		164.7377

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0188	42.5046	34.8088	0.0391		2.1505	2.1505		1.9784	1.9784		3,876.7233	3,876.7233	1.2266		3,902.4810

Total	4.0188	42.5046	34.8088	0.0391	18.0663	2.1505	20.2167	9.9307	1.9784	11.9091		3,876.7233	3,876.7233	1.2266		3,902.4810
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0547	0.0653	0.7783	2.1200e-003	0.1698	1.2000e-003	0.1710	0.0450	1.1200e-003	0.0461		158.6552	158.6552	7.0500e-003		158.8033
Total	0.0547	0.0653	0.7783	2.1200e-003	0.1698	1.2000e-003	0.1710	0.0450	1.1200e-003	0.0461		158.6552	158.6552	7.0500e-003		158.8033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.0188	42.5046	34.8088	0.0391		2.1505	2.1505		1.9784	1.9784	0.0000	3,876.7233	3,876.7233	1.2266		3,902.4810
Total	4.0188	42.5046	34.8088	0.0391	8.1298	2.1505	10.2803	4.4688	1.9784	6.4472	0.0000	3,876.7233	3,876.7233	1.2266		3,902.4810

Mitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0508	0.0601	0.7174	2.1200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		152.2724	152.2724	6.6300e-003		152.4116
Total	0.0508	0.0601	0.7174	2.1200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		152.2724	152.2724	6.6300e-003		152.4116

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	3.7250	38.8640	32.9264	0.0391		1.9309	1.9309		1.7764	1.7764	0.0000	3,792.2816	3,792.2816	1.2265		3,818.0381
Total	3.7250	38.8640	32.9264	0.0391	8.1298	1.9309	10.0607	4.4688	1.7764	6.2452	0.0000	3,792.2816	3,792.2816	1.2265		3,818.0381

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0508	0.0601	0.7174	2.1200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		152.2724	152.2724	6.6300e-003		152.4116
Total	0.0508	0.0601	0.7174	2.1200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		152.2724	152.2724	6.6300e-003		152.4116

3.3 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					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980		6,486.2433	6,486.2433	1.9364		6,526.9080
Total	6.7751	79.0467	50.8400	0.0618	37.5120	3.8022	41.3142	6.7104	3.4980	10.2084		6,486.2433	6,486.2433	1.9364		6,526.9080

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0926	0.1100	1.3181	2.3500e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		204.3884	204.3884	0.0110		204.6195
Total	0.0926	0.1100	1.3181	2.3500e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		204.3884	204.3884	0.0110		204.6195

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080
Total	6.7751	79.0467	50.8400	0.0618	16.8804	3.8022	20.6826	3.0197	3.4980	6.5177	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0926	0.1100	1.3181	2.3500e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		204.3884	204.3884	0.0110		204.6195
Total	0.0926	0.1100	1.3181	2.3500e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		204.3884	204.3884	0.0110		204.6195

3.3 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
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Category	lb/day										lb/day				
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000		0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350	6,455.6154
Total	6.4795	74.8137	49.1374	0.0617	37.5120	3.5842	41.0963	6.7104	3.2975	10.0079		6,414.9807	6,414.9807	1.9350	6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.0987	1.1832	2.3500e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		197.4209	197.4209	0.0100		197.6318
Total	0.0833	0.0987	1.1832	2.3500e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		197.4209	197.4209	0.0100		197.6318

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Total	6.4795	74.8137	49.1374	0.0617	16.8804	3.5842	20.4647	3.0197	3.2975	6.3172	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.0987	1.1832	2.3500e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		197.4209	197.4209	0.0100		197.6318
Total	0.0833	0.0987	1.1832	2.3500e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		197.4209	197.4209	0.0100		197.6318

3.3 Grading - 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					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	6.0991	69.5920	46.8050	0.0617	37.5120	3.3172	40.8292	6.7104	3.0518	9.7622		6,313.3690	6,313.3690	1.9344		6,353.9915

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0741	0.0884	1.0559	2.3500e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513		189.9151	189.9151	9.1700e-003		190.1076
Total	0.0741	0.0884	1.0559	2.3500e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513		189.9151	189.9151	9.1700e-003		190.1076

3.3 Grading - 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					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650		6,212.8042	6,212.8042	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	37.5120	2.7880	40.3001	6.7104	2.5650	9.2754		6,212.8042	6,212.8042	1.9341		6,253.4209

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0665	0.0796	0.9493	2.3500e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		182.8648	182.8648	8.4300e-003		183.0418
Total	0.0665	0.0796	0.9493	2.3500e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		182.8648	182.8648	8.4300e-003		183.0418

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	16.8804	2.7880	19.6684	3.0197	2.5650	5.5847	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0665	0.0796	0.9493	2.3500e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		182.8648	182.8648	8.4300e-003		183.0418
Total	0.0665	0.0796	0.9493	2.3500e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		182.8648	182.8648	8.4300e-003		183.0418

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	37.5120	2.5049	40.0170	6.7104	2.3045	9.0149		6,111.3121	6,111.3121	1.9336		6,151.9167

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0608	0.0725	0.8647	2.3500e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		176.2835	176.2835	7.8400e-003		176.4481
Total	0.0608	0.0725	0.8647	2.3500e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		176.2835	176.2835	7.8400e-003		176.4481

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	16.8804	2.5049	19.3853	3.0197	2.3045	5.3242	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0608	0.0725	0.8647	2.3500e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		176.2835	176.2835	7.8400e-003		176.4481
Total	0.0608	0.0725	0.8647	2.3500e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		176.2835	176.2835	7.8400e-003		176.4481

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810		5,977.7088	5,977.7088	1.9333		6,018.3084

Total	4.5501	49.3839	38.4257	0.0617	37.5120	2.2619	39.7740	6.7104	2.0810	8.7914		5,977.7088	5,977.7088	1.9333		6,018.3084
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0564	0.0668	0.7971	2.3500e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		169.1916	169.1916	7.3600e-003		169.3463
Total	0.0564	0.0668	0.7971	2.3500e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		169.1916	169.1916	7.3600e-003		169.3463

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084
Total	4.5501	49.3839	38.4257	0.0617	16.8804	2.2619	19.1424	3.0197	2.0810	5.1007	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084

Mitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	34.4834	302.0215	334.2712	0.6462	17.9886	4.9903	22.9789	5.1306	4.5874	9.7180		65,399.9567	65,399.9567	0.5780		65,412.0938
Worker	41.6621	49.5255	593.2074	1.0592	84.8822	0.7079	85.5900	22.5130	0.6465	23.1595		91,984.9995	91,984.9995	4.9515		92,088.9819
Total	76.1455	351.5470	927.4786	1.7054	102.8707	5.6982	108.5689	27.6436	5.2339	32.8775		157,384.9562	157,384.9562	5.5295		157,501.0757

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904	0.0000	2,689.5771	2,689.5771	0.6748		2,703.7483
Total	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904	0.0000	2,689.5771	2,689.5771	0.6748		2,703.7483

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	34.4834	302.0215	334.2712	0.6462	17.9886	4.9903	22.9789	5.1306	4.5874	9.7180		65,399.9567	65,399.9567	0.5780		65,412.0938

Worker	41.6621	49.5255	593.2074	1.0592	84.8822	0.7079	85.5900	22.5130	0.6465	23.1595		91,984.9995	91,984.9995	4.9515		92,088.9819
Total	76.1455	351.5470	927.4786	1.7054	102.8707	5.6982	108.5689	27.6436	5.2339	32.8775		157,384.9562	157,384.9562	5.5295		157,501.0757

3.4 Building Construction - 2016

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	30.4513	262.7823	302.7257	0.6448	17.9903	3.9918	21.9820	5.1313	3.6697	8.8010		64,636.9459	64,636.9459	0.5102		64,647.6599
Worker	37.4676	44.4320	532.5123	1.0589	84.8822	0.6678	85.5499	22.5130	0.6121	23.1250		88,849.2771	88,849.2771	4.5194		88,944.1854
Total	67.9189	307.2143	835.2380	1.7037	102.8724	4.6596	107.5319	27.6443	4.2818	31.9260		153,486.2230	153,486.2230	5.0296		153,591.8452

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	30.4513	262.7823	302.7257	0.6448	17.9903	3.9918	21.9820	5.1313	3.6697	8.8010		64,636.9459	64,636.9459	0.5102		64,647.6599
Worker	37.4676	44.4320	532.5123	1.0589	84.8822	0.6678	85.5499	22.5130	0.6121	23.1250		88,849.2771	88,849.2771	4.5194		88,944.1854
Total	67.9189	307.2143	835.2380	1.7037	102.8724	4.6596	107.5319	27.6443	4.2818	31.9260		153,486.2230	153,486.2230	5.0296		153,591.8452

3.4 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
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Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	28.2825	235.6810	284.9275	0.6437	17.9917	3.4558	21.4475	5.1318	3.1772	8.3090		63,557.5013	63,557.5013	0.4840		63,567.6650
Worker	33.3600	39.7656	475.2251	1.0586	84.8822	0.6363	85.5184	22.5130	0.5858	23.0988		85,471.2751	85,471.2751	4.1263		85,557.9278
Total	61.6425	275.4466	760.1526	1.7023	102.8739	4.0921	106.9660	27.6448	3.7630	31.4078		149,028.7764	149,028.7764	4.6103		149,125.5928

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	28.2825	235.6810	284.9275	0.6437	17.9917	3.4558	21.4475	5.1318	3.1772	8.3090		63,557.5013	63,557.5013	0.4840		63,567.6650
Worker	33.3600	39.7656	475.2251	1.0586	84.8822	0.6363	85.5184	22.5130	0.5858	23.0988		85,471.2751	85,471.2751	4.1263		85,557.9278
Total	61.6425	275.4466	760.1526	1.7023	102.8739	4.0921	106.9660	27.6448	3.7630	31.4078		149,028.7764	149,028.7764	4.6103		149,125.5928

3.4 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	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	
Vendor	25.1910	213.6120	257.9550	0.6421	17.9881	3.2016	21.1897	5.1303	2.9443	8.0747		62,437.6188	62,437.6188	0.4753		62,447.5998
Worker	29.9461	35.8314	427.2434	1.0582	84.8822	0.6152	85.4973	22.5130	0.5685	23.0815		82,298.2884	82,298.2884	3.7949		82,377.9814
Total	55.1371	249.4434	685.1985	1.7003	102.8703	3.8167	106.6870	27.6433	3.5129	31.1562		144,735.9072	144,735.9072	4.2702		144,825.5812

3.4 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	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	23.4913	195.0218	244.6950	0.6410	17.9843	2.9758	20.9601	5.1287	2.7371	7.8658		61,357.7083	61,357.7083	0.4640		61,367.4520

Worker	27.3452	32.6364	389.1707	1.0581	84.8822	0.6020	85.4842	22.5130	0.5578	23.0708		79,336.3933	79,336.3933	3.5276		79,410.4720
Total	50.8365	227.6582	633.8657	1.6991	102.8664	3.5778	106.4442	27.6417	3.2949	30.9366		140,694.1016	140,694.1016	3.9915		140,777.9240

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	23.4913	195.0218	244.6950	0.6410	17.9843	2.9758	20.9601	5.1287	2.7371	7.8658		61,357.7083	61,357.7083	0.4640		61,367.4520
Worker	27.3452	32.6364	389.1707	1.0581	84.8822	0.6020	85.4842	22.5130	0.5578	23.0708		79,336.3933	79,336.3933	3.5276		79,410.4720
Total	50.8365	227.6582	633.8657	1.6991	102.8664	3.5778	106.4442	27.6417	3.2949	30.9366		140,694.1016	140,694.1016	3.9915		140,777.9240

3.4 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	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.9978	166.5078	234.0936	0.6401	17.9825	2.6651	20.6476	5.1279	2.4517	7.5795		59,952.0822	59,952.0822	0.4500		59,961.5321
Worker	25.3896	30.0390	358.7510	1.0580	84.8822	0.5948	85.4769	22.5130	0.5515	23.0645		76,144.6798	76,144.6798	3.3144		76,214.2823
Total	47.3874	196.5468	592.8447	1.6981	102.8646	3.2599	106.1245	27.6408	3.0032	30.6440		136,096.7620	136,096.7620	3.7644		136,175.8143

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	21.9978	166.5078	234.0936	0.6401	17.9825	2.6651	20.6476	5.1279	2.4517	7.5795		59,952.0822	59,952.0822	0.4500		59,961.5321
Worker	25.3896	30.0390	358.7510	1.0580	84.8822	0.5948	85.4769	22.5130	0.5515	23.0645		76,144.6798	76,144.6798	3.3144		76,214.2823
Total	47.3874	196.5468	592.8447	1.6981	102.8646	3.2599	106.1245	27.6408	3.0032	30.6440		136,096.7620	136,096.7620	3.7644		136,175.8143

3.5 Paving - 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					
Off-Road	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016		2,339.8984	2,339.8984	0.6986		2,354.5681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016		2,339.8984	2,339.8984	0.6986		2,354.5681
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0694	0.0825	0.9886	1.7700e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		153.2913	153.2913	8.2500e-003		153.4646
Total	0.0694	0.0825	0.9886	1.7700e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		153.2913	153.2913	8.2500e-003		153.4646

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016	0.0000	2,339.8984	2,339.8984	0.6986		2,354.5681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016	0.0000	2,339.8984	2,339.8984	0.6986		2,354.5681

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0694	0.0825	0.9886	1.7700e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		153.2913	153.2913	8.2500e-003		153.4646
Total	0.0694	0.0825	0.9886	1.7700e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		153.2913	153.2913	8.2500e-003		153.4646

3.5 Paving - 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	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601		2,316.3767	2,316.3767	0.6987		2,331.0495
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601		2,316.3767	2,316.3767	0.6987		2,331.0495

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0624	0.0741	0.8874	1.7600e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385	148.0657	148.0657	7.5300e-003		148.2238	
Total	0.0624	0.0741	0.8874	1.7600e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		148.0657	148.0657	7.5300e-003	148.2238	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0624	0.0741	0.8874	1.7600e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		148.0657	148.0657	7.5300e-003		148.2238
Total	0.0624	0.0741	0.8874	1.7600e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		148.0657	148.0657	7.5300e-003		148.2238

3.5 Paving - 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	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0556	0.0663	0.7920	1.7600e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		142.4363	142.4363	6.8800e-003		142.5807
Total	0.0556	0.0663	0.7920	1.7600e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		142.4363	142.4363	6.8800e-003		142.5807

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0556	0.0663	0.7920	1.7600e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		142.4363	142.4363	6.8800e-003		142.5807
Total	0.0556	0.0663	0.7920	1.7600e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		142.4363	142.4363	6.8800e-003		142.5807

3.5 Paving - 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
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Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0499	0.0597	0.7120	1.7600e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		137.1486	137.1486	6.3200e-003		137.2814
Total	0.0499	0.0597	0.7120	1.7600e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		137.1486	137.1486	6.3200e-003		137.2814

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0499	0.0597	0.7120	1.7600e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		137.1486	137.1486	6.3200e-003		137.2814
Total	0.0499	0.0597	0.7120	1.7600e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		137.1486	137.1486	6.3200e-003		137.2814

3.5 Paving - 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	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0456	0.0544	0.6486	1.7600e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385		132.2126	132.2126	5.8800e-003		132.3361
Total	0.0456	0.0544	0.6486	1.7600e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385		132.2126	132.2126	5.8800e-003		132.3361

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0456	0.0544	0.6486	1.7600e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385	132.2126	132.2126	5.8800e-003	132.3361	
Total	0.0456	0.0544	0.6486	1.7600e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385		132.2126	132.2126	5.8800e-003	132.3361

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799		2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799		2,160.7571	2,160.7571	0.6988		2,175.4326

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0423	0.0501	0.5979	1.7600e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		126.8937	126.8937	5.5200e-003		127.0097
Total	0.0423	0.0501	0.5979	1.7600e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		126.8937	126.8937	5.5200e-003		127.0097

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0423	0.0501	0.5979	1.7600e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		126.8937	126.8937	5.5200e-003		127.0097
Total	0.0423	0.0501	0.5979	1.7600e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		126.8937	126.8937	5.5200e-003		127.0097

3.6 Architectural Coating - 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					
Archit. Coating	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177
Total	228.3801	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	8.3315	9.9040	118.6283	0.2118	16.9745	0.1416	17.1161	4.5021	0.1293	4.6314		18,394.9560	18,394.9560	0.9902		18,415.7502
Total	8.3315	9.9040	118.6283	0.2118	16.9745	0.1416	17.1161	4.5021	0.1293	4.6314		18,394.9560	18,394.9560	0.9902		18,415.7502

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Archit. Coating	227.9735					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209			0.2209	0.2209	0.0000	281.4481	281.4481	0.0367	282.2177
Total	228.3801	2.5703	1.9018	2.9700e-003		0.2209	0.2209			0.2209	0.2209	0.0000	281.4481	281.4481	0.0367	282.2177

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	8.3315	9.9040	118.6283	0.2118	16.9745	0.1416	17.1161	4.5021	0.1293	4.6314		18,394.9560	18,394.9560	0.9902		18,415.7502
Total	8.3315	9.9040	118.6283	0.2118	16.9745	0.1416	17.1161	4.5021	0.1293	4.6314		18,394.9560	18,394.9560	0.9902		18,415.7502

3.6 Architectural Coating - 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					
Archit. Coating	227.9735					0.0000	0.0000			0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966			0.1966		281.4481	281.4481	0.0332		282.1449

Total	228.3420	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.4927	8.8854	106.4906	0.2118	16.9745	0.1335	17.1081	4.5021	0.1224	4.6245		17,767.8812	17,767.8812	0.9038		17,786.8608
Total	7.4927	8.8854	106.4906	0.2118	16.9745	0.1335	17.1081	4.5021	0.1224	4.6245		17,767.8812	17,767.8812	0.9038		17,786.8608

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449
Total	228.3420	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.4927	8.8854	106.4906	0.2118	16.9745	0.1335	17.1081	4.5021	0.1224	4.6245		17,767.8812	17,767.8812	0.9038		17,786.8608
Total	7.4927	8.8854	106.4906	0.2118	16.9745	0.1335	17.1081	4.5021	0.1224	4.6245		17,767.8812	17,767.8812	0.9038		17,786.8608

3.6 Architectural Coating - 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					
Archit. Coating	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	228.3058	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.6713	7.9522	95.0345	0.2117	16.9745	0.1272	17.1018	4.5021	0.1172	4.6193	17,092.3559	17,092.3559	0.8252		17,109.6845	
Total	6.6713	7.9522	95.0345	0.2117	16.9745	0.1272	17.1018	4.5021	0.1172	4.6193		17,092.3559	17,092.3559	0.8252		17,109.6845

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	228.3058	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	6.6713	7.9522	95.0345	0.2117	16.9745	0.1272	17.1018	4.5021	0.1172	4.6193		17,092.3559	17,092.3559	0.8252		17,109.6845
Total	6.6713	7.9522	95.0345	0.2117	16.9745	0.1272	17.1018	4.5021	0.1172	4.6193		17,092.3559	17,092.3559	0.8252		17,109.6845

3.6 Architectural Coating - 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					
Archit. Coating	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	228.2722	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.9886	7.1655	85.4392	0.2116	16.9745	0.1230	17.0976	4.5021	0.1137	4.6158		16,457.8290	16,457.8290	0.7589		16,473.7659
Total	5.9886	7.1655	85.4392	0.2116	16.9745	0.1230	17.0976	4.5021	0.1137	4.6158		16,457.8290	16,457.8290	0.7589		16,473.7659

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	228.2722	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.9886	7.1655	85.4392	0.2116	16.9745	0.1230	17.0976	4.5021	0.1137	4.6158		16,457.8290	16,457.8290	0.7589		16,473.7659
Total	5.9886	7.1655	85.4392	0.2116	16.9745	0.1230	17.0976	4.5021	0.1137	4.6158		16,457.8290	16,457.8290	0.7589		16,473.7659

3.6 Architectural Coating - 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
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Category	lb/day										lb/day						
Archit. Coating	227.9735					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000	
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.1288	281.4481	281.4481	0.0238		281.9473	
Total	228.2400	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.1288		281.4481	281.4481	0.0238		281.9473

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.4684	6.5266	77.8255	0.2116	16.9745	0.1204	17.0949	4.5021	0.1116	4.6136		15,865.5158	15,865.5158	0.7054		15,880.3299
Total	5.4684	6.5266	77.8255	0.2116	16.9745	0.1204	17.0949	4.5021	0.1116	4.6136		15,865.5158	15,865.5158	0.7054		15,880.3299

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	227.9735					0.0000	0.0000			0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.0000	281.4481	281.4481	0.0238		281.9473

Total	228.2400	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		281.9473
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.4684	6.5266	77.8255	0.2116	16.9745	0.1204	17.0949	4.5021	0.1116	4.6136		15,865.5158	15,865.5158	0.7054		15,880.3299
Total	5.4684	6.5266	77.8255	0.2116	16.9745	0.1204	17.0949	4.5021	0.1116	4.6136		15,865.5158	15,865.5158	0.7054		15,880.3299

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057
Total	228.2157	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057

Unmitigated Construction Off-Site

Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000
Worker	5.0774	6.0071	71.7422	0.2116	16.9745	0.1189	17.0935	4.5021	0.1103	4.6124		15,227.2441	15,227.2441	0.6628	15,241.1630
Total	5.0774	6.0071	71.7422	0.2116	16.9745	0.1189	17.0935	4.5021	0.1103	4.6124		15,227.2441	15,227.2441	0.6628	15,241.1630

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1,604.1549	2,881.4404	14,517.4563	23.0510	1,565.5071	40.5234	1,606.0305	418.0649	37.1491	455.2139		2,123,334.292	2,123,334.292	104.7189		2,125,533.3262
Unmitigated	1,604.1549	2,881.4404	14,517.4563	23.0510	1,565.5071	40.5234	1,606.0305	418.0649	37.1491	455.2139		2,123,334.292	2,123,334.292	104.7189		2,125,533.3262

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Apartments Low Rise	35,065.39	38,098.36	32298.47	78,363,632	78,363,632
General Light Industry	15,069.84	2,853.97	1470.23	33,229,619	33,229,619
General Light Industry	1,852.63	350.86	180.74	4,085,118	4,085,118
General Office Building	28,185.60	6,067.20	2508.80	51,039,658	51,039,658
Hotel	231.21	231.78	168.39	422,386	422,386
Junior College (2Yr)	6,000.00	2,100.00	200.00	11,718,149	11,718,149
Place of Worship	1,246.25	1,418.62	5010.98	3,383,496	3,383,496

Category	lb/day										lb/day					
NaturalGas Mitigated:	10.4847	91.7464	53.8909	0.5719		7.2440	7.2440		7.2440	7.2440		114,378.7012	114,378.7012	2.1923	2.0969	115,074.7909
NaturalGas Unmitigated	10.4847	91.7464	53.8909	0.5719		7.2440	7.2440		7.2440	7.2440		114,378.7012	114,378.7012	2.1923	2.0969	115,074.7909

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	CO
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	162365	1.7510	15.9181	13.3712	0.0955		1.2098	1.2098		1.2098	1.2098		19,101.7441	19,101.7441	0.3661	0.3502	19,217
General Light Industry	19960.5	0.2153	1.9569	1.6438	0.0117		0.1487	0.1487		0.1487	0.1487		2,348.2927	2,348.2927	0.0450	0.0431	2,362
General Office Building	120776	1.3025	11.8408	9.9463	0.0710		0.8999	0.8999		0.8999	0.8999		14,208.9283	14,208.9283	0.2723	0.2605	14,295
Hotel	5221.45	0.0563	0.5119	0.4300	3.0700e-003		0.0389	0.0389		0.0389	0.0389		614.2880	614.2880	0.0118	0.0113	618.0
Junior College (2Yr)	15081	0.1626	1.4785	1.2420	8.8700e-003		0.1124	0.1124		0.1124	0.1124		1,774.2296	1,774.2296	0.0340	0.0325	1,785
Place of Worship	10273.1	0.1108	1.0072	0.8460	6.0400e-003		0.0765	0.0765		0.0765	0.0765		1,208.6021	1,208.6021	0.0232	0.0222	1,215
Regional Shopping Center	12440.4	0.1342	1.2197	1.0245	7.3200e-003		0.0927	0.0927		0.0927	0.0927		1,463.5823	1,463.5823	0.0281	0.0268	1,472
Regional Shopping Center	19336.7	0.2085	1.8958	1.5924	0.0114		0.1441	0.1441		0.1441	0.1441		2,274.9089	2,274.9089	0.0436	0.0417	2,288
Single Family Housing	449592	4.8485	41.4330	17.6311	0.2645		3.3499	3.3499		3.3499	3.3499		52,893.1658	52,893.1658	1.0138	0.9697	53,215
Apartments Low Rise:	157173	1.6950	14.4846	6.1637	0.0925		1.1711	1.1711		1.1711	1.1711		18,490.9595	18,490.9595	0.3544	0.3390	18,603
Total		10.4847	91.7464	53.8909	0.5719		7.2440	7.2440		7.2440	7.2440		114,378.7012	114,378.7012	2.1923	2.0970	115,079

Mitigated

	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	CO
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	162.365	1.7510	15.9181	13.3712	0.0955		1.2098	1.2098		1.2098	1.2098		19,101.7441	19,101.7441	0.3661	0.3502	19,217
General Light Industry	19.9605	0.2153	1.9569	1.6438	0.0117		0.1487	0.1487		0.1487	0.1487		2,348.2927	2,348.2927	0.0450	0.0431	2,362
General Office Building	120.776	1.3025	11.8408	9.9463	0.0710		0.8999	0.8999		0.8999	0.8999		14,208.9283	14,208.9283	0.2723	0.2605	14,295
Hotel	5.22145	0.0563	0.5119	0.4300	3.0700e-003		0.0389	0.0389		0.0389	0.0389		614.2880	614.2880	0.0118	0.0113	618.0
Junior College (2Yr)	15.081	0.1626	1.4785	1.2420	8.8700e-003		0.1124	0.1124		0.1124	0.1124		1,774.2296	1,774.2296	0.0340	0.0325	1,785
Place of Worship	10.2731	0.1108	1.0072	0.8460	6.0400e-003		0.0765	0.0765		0.0765	0.0765		1,208.6021	1,208.6021	0.0232	0.0222	1,215
Regional Shopping Center	12.4404	0.1342	1.2197	1.0245	7.3200e-003		0.0927	0.0927		0.0927	0.0927		1,463.5823	1,463.5823	0.0281	0.0268	1,472
Regional Shopping Center	19.3367	0.2085	1.8958	1.5924	0.0114		0.1441	0.1441		0.1441	0.1441		2,274.9089	2,274.9089	0.0436	0.0417	2,288
Single Family Housing	449.592	4.8485	41.4330	17.6311	0.2645		3.3499	3.3499		3.3499	3.3499		52,893.1658	52,893.1658	1.0138	0.9697	53,215
Apartments Low Rise	157.173	1.6950	14.4846	6.1637	0.0925		1.1711	1.1711		1.1711	1.1711		18,490.9595	18,490.9595	0.3544	0.3390	18,603
Total		10.4847	91.7464	53.8909	0.5719		7.2440	7.2440		7.2440	7.2440		114,378.7012	114,378.7012	2.1923	2.0970	115,079

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	635.9285	10.0061	845.4080	0.0436		17.5032	17.5032		17.3661	17.3661	0.0000	207,099.0638	207,099.0638	5.5301	3.7696	208,383.7714
Unmitigated	10,825.9795	145.6355	13,250.7766	4.3456		1,746.8315	1,746.8315		1,746.7412	1,746.7412	180,982.2712	136,986.4873	317,968.7586	152.6075	15.6518	326,025.5814

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	81.5084					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	507.9280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	10,208.8990	135.6303	12,406.3967	4.3021		1,742.3506	1,742.3506		1,742.2602	1,742.2602	180,982.2712	135,501.8824	316,484.1536	151.0184	15.6518	324,507.6042
Landscaping	27.6442	10.0052	844.3799	0.0436		4.4809	4.4809		4.4809	4.4809		1,484.6050	1,484.6050	1.5892		1,517.9772
Total	10,825.9795	145.6355	13,250.7766	4.3456		1,746.8315	1,746.8315		1,746.7412	1,746.7412	180,982.2712	136,986.4873	317,968.7586	152.6075	15.6518	326,025.5814

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	81.5084					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	507.9280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	18.8480	8.6000e-004	1.0281	0.0000		13.0223	13.0223		12.8852	12.8852	0.0000	205,614.458	205,614.458	3.9409	3.7696	206,865.7942
Landscaping	27.6442	10.0052	844.3799	0.0436		4.4809	4.4809		4.4809	4.4809		1,484.6050	1,484.6050	1.5892		1,517.9772
Total	635.9285	10.0061	845.4080	0.0436		17.5032	17.5032		17.3661	17.3661	0.0000	207,099.0638	207,099.0638	5.5301	3.7696	208,383.7714

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

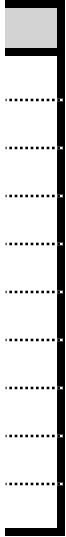
8.1 Mitigation Measures Waste

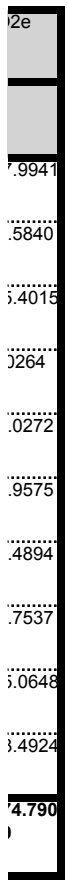
9.0 Operational Offroad

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

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3.0648

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Brentwood General Plan Update Contra Costa County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	2,560.00	1000sqft	58.77	2,560,000.00	0
Junior College (2Yr)	5,000.00	Student	5.01	218,261.19	0
Place of Worship	136.80	1000sqft	3.14	136,800.00	0
General Light Industry	2,162.10	1000sqft	49.63	2,162,100.00	0
General Light Industry	265.80	1000sqft	6.10	265,800.00	0
Hotel	28.30	Room	0.94	41,091.60	0
Apartments Low Rise	5,321.00	Dwelling Unit	332.56	5,321,000.00	15218
Single Family Housing	4,651.00	Dwelling Unit	1,510.06	8,371,800.00	13302
Regional Shopping Center	2,834.50	1000sqft	65.07	2,834,500.00	0
Regional Shopping Center	1,823.60	1000sqft	41.86	1,823,600.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2014
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Acreage, square feet, and population estimates are left at default model rates. Unit amounts are adjusted consistent with the traffic assumptions.

Construction Phase - Construction schedule assumes start date of 1/1/2015. Construction phases overlap.

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	155,000.00	1,305.00
tblConstructionPhase	NumDays	15,500.00	1,305.00
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	6,000.00	1,305.00
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblGrading	AcresOfGrading	3,262.50	38,750.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2015	339.1554	583.8223	1,334.9060	1.9557	175.9233	16.5484	192.4718	48.9193	15.2758	64.1951	0.0000	181,424.8137	181,424.8137	11.1362	0.0000	181,658.6737
2016	327.5906	524.0440	1,222.3936	1.9533	175.9251	14.7873	190.7123	48.9200	13.6530	62.5730	0.0000	177,059.7038	177,059.7038	10.5277	0.0000	177,280.7858
2017	318.3153	476.1669	1,125.6197	1.9514	175.9265	13.4229	189.3494	48.9206	12.3956	61.3162	0.0000	172,049.7048	172,049.7048	10.0118	0.0000	172,259.9534
2018	307.4792	424.4729	1,030.3100	1.9491	175.9229	11.7126	187.6355	48.9191	10.8197	59.7387	0.0000	167,227.0173	167,227.0173	9.5897	0.0000	167,428.4001
2019	300.7428	387.0412	963.3934	1.9476	175.9191	10.6097	186.5288	48.9174	9.8015	58.7189	0.0000	162,676.2721	162,676.2721	9.2419	0.0000	162,870.3509
2020	295.4162	341.6490	909.6571	1.9464	175.9173	9.5628	185.4801	48.9166	8.8342	57.7508	0.0000	157,477.5193	157,477.5193	8.9604	0.0000	157,665.6880
Total	1,888.6995	2,737.1962	6,586.2798	11.7036	1,055.5342	76.6437	1,132.1778	293.5129	70.7798	364.2927	0.0000	1,017,915.0309	1,017,915.0309	59.4677	0.0000	1,019,163.8519

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					
2015	339.1554	583.8223	1,334.9060	1.9557	145.3553	16.5484	161.9037	39.7667	15.2758	55.0425	0.0000	181,424.8137	181,424.8137	11.1362	0.0000	181,658.6737
2016	327.5906	524.0440	1,222.3936	1.9533	145.3570	14.7873	160.1443	39.7674	13.6530	53.4204	0.0000	177,059.7038	177,059.7038	10.5277	0.0000	177,280.7858
2017	318.3153	476.1669	1,125.6197	1.9514	145.3585	13.4229	158.7814	39.7680	12.3956	52.1636	0.0000	172,049.7048	172,049.7048	10.0118	0.0000	172,259.9534
2018	307.4792	424.4729	1,030.3100	1.9491	145.3549	11.7126	157.0674	39.7665	10.8197	50.5861	0.0000	167,227.0172	167,227.0172	9.5897	0.0000	167,428.4001
2019	300.7428	387.0412	963.3934	1.9476	145.3510	10.6097	155.9607	39.7648	9.8015	49.5663	0.0000	162,676.2721	162,676.2721	9.2419	0.0000	162,870.3509
2020	295.4162	341.6490	909.6571	1.9464	145.3492	9.5628	154.9120	39.7640	8.8342	48.5982	0.0000	157,477.5193	157,477.5193	8.9604	0.0000	157,665.6880
Total	1,888.6995	2,737.1962	6,586.2798	11.7036	872.1258	76.6437	948.7695	238.5973	70.7798	309.3771	0.0000	1,017,915.0308	1,017,915.0308	59.4677	0.0000	1,019,163.8519

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	17.38	0.00	16.20	18.71	0.00	15.07	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	10,825.9795	145.6355	13,250.7766	4.3456		1,746.8315	1,746.8315		1,746.7412	1,746.7412	180,982.2712	136,986.4873	317,968.7586	152.6075	15.6518	326,025.5814
Energy	10.4847	91.7464	53.8909	0.5719		7.2440	7.2440		7.2440	7.2440		114,378.7012	114,378.7012	2.1923	2.0969	115,074.7909
Mobile	1,639.9065	3,228.6929	16,418.8428	21.3308	1,565.5071	40.8932	1,606.4003	418.0649	37.4892	455.5541		1,964,042.6967	1,964,042.6967	104.7877		1,966,243.2379
Total	12,476.3707	3,466.0748	29,723.5103	26.2483	1,565.5071	1,794.9687	3,360.4758	418.0649	1,791.4744	2,209.5393	180,982.2712	2,215,407.8852	2,396,390.1565	259.5875	17.7488	2,407,343.6102

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	635.9285	10.0061	845.4080	0.0436		17.5032	17.5032		17.3661	17.3661	0.0000	207,099.0638	207,099.0638	5.5301	3.7696	208,383.7714
Energy	10.4847	91.7464	53.8909	0.5719		7.2440	7.2440		7.2440	7.2440		114,378.7012	114,378.7012	2.1923	2.0969	115,074.7909
Mobile	1,639.9065	3,228.6929	16,418.8428	21.3308	1,565.5071	40.8932	1,606.4003	418.0649	37.4892	455.5541		1,964,042.6967	1,964,042.6967	104.7877		1,966,243.2379

Total	2,286.3197	3,330.4454	17,318.1417	21.9463	1,565.5071	65.6404	1,631.1475	418.0649	62.0993	480.1642	0.0000	2,285,520.4617	2,285,520.4617	112.5100	5.8665	2,289,701.8001
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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	81.67	3.91	41.74	16.39	0.00	96.34	51.46	0.00	96.53	78.27	100.00	-3.16	4.63	56.66	66.95	4.89

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2015	1/1/2020	5	1305	
2	Grading	Grading	1/1/2015	1/1/2020	5	1305	
3	Building Construction	Building Construction	1/1/2015	1/1/2020	5	1305	
4	Paving	Paving	1/1/2015	1/1/2020	5	1305	
5	Architectural Coating	Architectural Coating	1/1/2015	1/1/2020	5	1305	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 38750

Acres of Paving: 0

Residential Indoor: 27,727,920; Residential Outdoor: 9,242,640; Non-Residential Indoor: 15,063,229; Non-Residential Outdoor: 5,021,076 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40

Category	lb/day										lb/day				
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000		0.0000
Off-Road	5.2609	56.8897	42.6318	0.0391		3.0883	3.0883		2.8412	2.8412		4,111.7444	4,111.7444	1.2275	4,137.5225
Total	5.2609	56.8897	42.6318	0.0391	18.0663	3.0883	21.1545	9.9307	2.8412	12.7719		4,111.7444	4,111.7444	1.2275	4,137.5225

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0812	0.1223	1.1401	1.9200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		166.8574	166.8574	9.9000e-003		167.0654
Total	0.0812	0.1223	1.1401	1.9200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		166.8574	166.8574	9.9000e-003		167.0654

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	5.2609	56.8897	42.6318	0.0391		3.0883	3.0883		2.8412	2.8412	0.0000	4,111.7444	4,111.7444	1.2275		4,137.5224

Total	5.2609	56.8897	42.6318	0.0391	8.1298	3.0883	11.2181	4.4688	2.8412	7.3100	0.0000	4,111.7444	4,111.7444	1.2275		4,137.5224
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0812	0.1223	1.1401	1.9200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		166.8574	166.8574	9.9000e-003		167.0654
Total	0.0812	0.1223	1.1401	1.9200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		166.8574	166.8574	9.9000e-003		167.0654

3.2 Site Preparation - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036		4,065.0053	4,065.0053	1.2262		4,090.7544
Total	5.0771	54.6323	41.1053	0.0391	18.0663	2.9387	21.0049	9.9307	2.7036	12.6343		4,065.0053	4,065.0053	1.2262		4,090.7544

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0724	0.1097	1.0158	1.9200e-003	0.1698	1.3400e-003	0.1711	0.0450	1.2200e-003	0.0462		161.1470	161.1470	9.0400e-003		161.3368
Total	0.0724	0.1097	1.0158	1.9200e-003	0.1698	1.3400e-003	0.1711	0.0450	1.2200e-003	0.0462		161.1470	161.1470	9.0400e-003		161.3368

3.2 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339		4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646		4,003.0859	4,003.0859	1.2265		4,028.8432

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0638	0.0982	0.8978	1.9200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		154.9960	154.9960	8.2500e-003		155.1693
Total	0.0638	0.0982	0.8978	1.9200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		154.9960	154.9960	8.2500e-003		155.1693

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339	0.0000	4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	8.1298	2.7542	10.8840	4.4688	2.5339	7.0027	0.0000	4,003.0859	4,003.0859	1.2265		4,028.8432

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0638	0.0982	0.8978	1.9200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		154.9960	154.9960	8.2500e-003		155.1693
Total	0.0638	0.0982	0.8978	1.9200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		154.9960	154.9960	8.2500e-003		155.1693

3.2 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762		3,939.7731	3,939.7731	1.2265		3,965.5297
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069		3,939.7731	3,939.7731	1.2265		3,965.5297

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0567	0.0885	0.7997	1.9200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		149.2240	149.2240	7.5900e-003		149.3834
Total	0.0567	0.0885	0.7997	1.9200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		149.2240	149.2240	7.5900e-003		149.3834

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762	0.0000	3,939.7731	3,939.7731	1.2265		3,965.5297
Total	4.2921	45.6088	36.2346	0.0391	8.1298	2.3654	10.4952	4.4688	2.1762	6.6450	0.0000	3,939.7731	3,939.7731	1.2265		3,965.5297

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0567	0.0885	0.7997	1.9200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		149.2240	149.2240	7.5900e-003		149.3834
Total	0.0567	0.0885	0.7997	1.9200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		149.2240	149.2240	7.5900e-003		149.3834

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0188	42.5046	34.8088	0.0391		2.1505	2.1505		1.9784	1.9784		3,876.7233	3,876.7233	1.2266		3,902.4810

Total	4.0188	42.5046	34.8088	0.0391	18.0663	2.1505	20.2167	9.9307	1.9784	11.9091		3,876.7233	3,876.7233	1.2266		3,902.4810
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0514	0.0806	0.7227	1.9200e-003	0.1698	1.2000e-003	0.1710	0.0450	1.1200e-003	0.0461		143.8375	143.8375	7.0500e-003		143.9857
Total	0.0514	0.0806	0.7227	1.9200e-003	0.1698	1.2000e-003	0.1710	0.0450	1.1200e-003	0.0461		143.8375	143.8375	7.0500e-003		143.9857

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.0188	42.5046	34.8088	0.0391		2.1505	2.1505		1.9784	1.9784	0.0000	3,876.7233	3,876.7233	1.2266		3,902.4810
Total	4.0188	42.5046	34.8088	0.0391	8.1298	2.1505	10.2803	4.4688	1.9784	6.4472	0.0000	3,876.7233	3,876.7233	1.2266		3,902.4810

Mitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0475	0.0741	0.6627	1.9200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		138.0366	138.0366	6.6300e-003		138.1758
Total	0.0475	0.0741	0.6627	1.9200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		138.0366	138.0366	6.6300e-003		138.1758

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	3.7250	38.8640	32.9264	0.0391		1.9309	1.9309		1.7764	1.7764	0.0000	3,792.2816	3,792.2816	1.2265		3,818.0381
Total	3.7250	38.8640	32.9264	0.0391	8.1298	1.9309	10.0607	4.4688	1.7764	6.2452	0.0000	3,792.2816	3,792.2816	1.2265		3,818.0381

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0475	0.0741	0.6627	1.9200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		138.0366	138.0366	6.6300e-003		138.1758
Total	0.0475	0.0741	0.6627	1.9200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		138.0366	138.0366	6.6300e-003		138.1758

3.3 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					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980		6,486.2433	6,486.2433	1.9364		6,526.9080
Total	6.7751	79.0467	50.8400	0.0618	37.5120	3.8022	41.3142	6.7104	3.4980	10.2084		6,486.2433	6,486.2433	1.9364		6,526.9080

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0903	0.1359	1.2668	2.1300e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		185.3971	185.3971	0.0110		185.6282
Total	0.0903	0.1359	1.2668	2.1300e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		185.3971	185.3971	0.0110		185.6282

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080
Total	6.7751	79.0467	50.8400	0.0618	16.8804	3.8022	20.6826	3.0197	3.4980	6.5177	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0903	0.1359	1.2668	2.1300e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		185.3971	185.3971	0.0110		185.6282
Total	0.0903	0.1359	1.2668	2.1300e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		185.3971	185.3971	0.0110		185.6282

3.3 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
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Category	lb/day										lb/day				
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000		0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350	6,455.6154
Total	6.4795	74.8137	49.1374	0.0617	37.5120	3.5842	41.0963	6.7104	3.2975	10.0079		6,414.9807	6,414.9807	1.9350	6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0805	0.1219	1.1287	2.1300e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		179.0522	179.0522	0.0100		179.2631
Total	0.0805	0.1219	1.1287	2.1300e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		179.0522	179.0522	0.0100		179.2631

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Total	6.4795	74.8137	49.1374	0.0617	16.8804	3.5842	20.4647	3.0197	3.2975	6.3172	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0805	0.1219	1.1287	2.1300e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		179.0522	179.0522	0.0100		179.2631
Total	0.0805	0.1219	1.1287	2.1300e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		179.0522	179.0522	0.0100		179.2631

3.3 Grading - 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					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	6.0991	69.5920	46.8050	0.0617	37.5120	3.3172	40.8292	6.7104	3.0518	9.7622		6,313.3690	6,313.3690	1.9344		6,353.9915

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0709	0.1091	0.9976	2.1300e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513	172.2178	172.2178	9.1700e-003	172.4103	172.4103	
Total	0.0709	0.1091	0.9976	2.1300e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513	172.2178	172.2178	9.1700e-003	172.4103	172.4103	

3.3 Grading - 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					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650		6,212.8042	6,212.8042	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	37.5120	2.7880	40.3001	6.7104	2.5650	9.2754		6,212.8042	6,212.8042	1.9341		6,253.4209

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0629	0.0983	0.8885	2.1300e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		165.8045	165.8045	8.4300e-003		165.9816
Total	0.0629	0.0983	0.8885	2.1300e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		165.8045	165.8045	8.4300e-003		165.9816

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	16.8804	2.7880	19.6684	3.0197	2.5650	5.5847	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0629	0.0983	0.8885	2.1300e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		165.8045	165.8045	8.4300e-003		165.9816
Total	0.0629	0.0983	0.8885	2.1300e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		165.8045	165.8045	8.4300e-003		165.9816

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	37.5120	2.5049	40.0170	6.7104	2.3045	9.0149		6,111.3121	6,111.3121	1.9336		6,151.9167

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0571	0.0896	0.8030	2.1300e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		159.8195	159.8195	7.8400e-003		159.9841
Total	0.0571	0.0896	0.8030	2.1300e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		159.8195	159.8195	7.8400e-003		159.9841

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	16.8804	2.5049	19.3853	3.0197	2.3045	5.3242	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0571	0.0896	0.8030	2.1300e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		159.8195	159.8195	7.8400e-003		159.9841
Total	0.0571	0.0896	0.8030	2.1300e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		159.8195	159.8195	7.8400e-003		159.9841

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810		5,977.7088	5,977.7088	1.9333		6,018.3084

Total	4.5501	49.3839	38.4257	0.0617	37.5120	2.2619	39.7740	6.7104	2.0810	8.7914		5,977.7088	5,977.7088	1.9333		6,018.3084
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0528	0.0824	0.7363	2.1300e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		153.3740	153.3740	7.3600e-003		153.5286
Total	0.0528	0.0824	0.7363	2.1300e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		153.3740	153.3740	7.3600e-003		153.5286

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084
Total	4.5501	49.3839	38.4257	0.0617	16.8804	2.2619	19.1424	3.0197	2.0810	5.1007	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084

Mitigated Construction Off-Site

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	
Vendor	43.7723	316.3790	518.3168	0.6443	17.9886	5.0519	23.0405	5.1306	4.6441	9.7747		64,900.8876	64,900.8876	0.5913		64,913.3055
Worker	40.6270	61.1435	570.1240	0.9607	84.8822	0.7079	85.5900	22.5130	0.6465	23.1595		83,437.9721	83,437.9721	4.9515		83,541.9545
Total	84.3993	377.5225	1,088.4408	1.6050	102.8707	5.7598	108.6305	27.6436	5.2906	32.9341		148,338.8597	148,338.8597	5.5429		148,455.2600

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904	0.0000	2,689.5771	2,689.5771	0.6748		2,703.7483
Total	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904	0.0000	2,689.5771	2,689.5771	0.6748		2,703.7483

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	43.7723	316.3790	518.3168	0.6443	17.9886	5.0519	23.0405	5.1306	4.6441	9.7747		64,900.8876	64,900.8876	0.5913		64,913.3055

Worker	40.6270	61.1435	570.1240	0.9607	84.8822	0.7079	85.5900	22.5130	0.6465	23.1595		83,437.9721	83,437.9721	4.9515		83,541.9545
Total	84.3993	377.5225	1,088.4408	1.6050	102.8707	5.7598	108.6305	27.6436	5.2906	32.9341		148,338.8597	148,338.8597	5.5429		148,455.2600

3.4 Building Construction - 2016

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	38.5165	275.1815	484.3957	0.6428	17.9903	4.0342	22.0245	5.1313	3.7087	8.8400		64,140.9859	64,140.9859	0.5228		64,151.9652
Worker	36.2226	54.8585	507.9728	0.9600	84.8822	0.6678	85.5499	22.5130	0.6121	23.1250		80,582.4358	80,582.4358	4.5194		80,677.3441
Total	74.7391	330.0400	992.3685	1.6028	102.8724	4.7020	107.5744	27.6443	4.3208	31.9651		144,723.4217	144,723.4217	5.0423		144,829.3093

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	38.5165	275.1815	484.3957	0.6428	17.9903	4.0342	22.0245	5.1313	3.7087	8.8400		64,140.9859	64,140.9859	0.5228		64,151.9652
Worker	36.2226	54.8585	507.9728	0.9600	84.8822	0.6678	85.5499	22.5130	0.6121	23.1250		80,582.4358	80,582.4358	4.5194		80,677.3441
Total	74.7391	330.0400	992.3685	1.6028	102.8724	4.7020	107.5744	27.6443	4.3208	31.9651		144,723.4217	144,723.4217	5.0423		144,829.3093

3.4 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
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Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	35.6041	246.7176	463.2937	0.6417	17.9917	3.4913	21.4830	5.1318	3.2098	8.3417		63,068.3513	63,068.3513	0.4968		63,078.7837
Worker	31.8927	49.1072	448.9717	0.9594	84.8822	0.6363	85.5184	22.5130	0.5858	23.0988		77,506.6096	77,506.6096	4.1263		77,593.2622
Total	67.4968	295.8248	912.2654	1.6010	102.8739	4.1276	107.0014	27.6448	3.7957	31.4405		140,574.9608	140,574.9608	4.6231		140,672.0460

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	35.6041	246.7176	463.2937	0.6417	17.9917	3.4913	21.4830	5.1318	3.2098	8.3417		63,068.3513	63,068.3513	0.4968		63,078.7837
Worker	31.8927	49.1072	448.9717	0.9594	84.8822	0.6363	85.5184	22.5130	0.5858	23.0988		77,506.6096	77,506.6096	4.1263		77,593.2622
Total	67.4968	295.8248	912.2654	1.6010	102.8739	4.1276	107.0014	27.6448	3.7957	31.4405		140,574.9608	140,574.9608	4.6231		140,672.0460

3.4 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	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	31.1874	223.5353	435.6744	0.6400	17.9881	3.2339	21.2220	5.1303	2.9741	8.1044	61,955.6872	61,955.6872	0.4885		61,965.9446	
Worker	28.3265	44.2550	399.8893	0.9589	84.8822	0.6152	85.4973	22.5130	0.5685	23.0815	74,620.3100	74,620.3100	3.7949		74,700.0029	
Total	59.5139	267.7903	835.5637	1.5988	102.8703	3.8490	106.7193	27.6433	3.5426	31.1859	136,575.9972	136,575.9972	4.2834		136,665.9476	

3.4 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	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	28.8515	203.9953	419.2080	0.6389	17.9843	3.0052	20.9895	5.1287	2.7642	7.8929		60,883.0200	60,883.0200	0.4774		60,893.0455

Worker	25.6777	40.3095	361.3677	0.9585	84.8822	0.6020	85.4842	22.5130	0.5578	23.0708		71,926.7585	71,926.7585	3.5276		72,000.8372
Total	54.5292	244.3048	780.5757	1.5974	102.8664	3.6072	106.4736	27.6417	3.3220	30.9637		132,809.7786	132,809.7786	4.0050		132,893.8827

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	28.8515	203.9953	419.2080	0.6389	17.9843	3.0052	20.9895	5.1287	2.7642	7.8929		60,883.0200	60,883.0200	0.4774		60,893.0455
Worker	25.6777	40.3095	361.3677	0.9585	84.8822	0.6020	85.4842	22.5130	0.5578	23.0708		71,926.7585	71,926.7585	3.5276		72,000.8372
Total	54.5292	244.3048	780.5757	1.5974	102.8664	3.6072	106.4736	27.6417	3.3220	30.9637		132,809.7786	132,809.7786	4.0050		132,893.8827

3.4 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	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	26.8397	174.1530	405.7195	0.6378	17.9825	2.6900	20.6724	5.1279	2.4745	7.6024		59,486.7864	59,486.7864	0.4638		59,496.5267
Worker	23.7542	37.0653	331.3745	0.9583	84.8822	0.5948	85.4769	22.5130	0.5515	23.0645		69,025.9584	69,025.9584	3.3144		69,095.5608
Total	50.5939	211.2183	737.0940	1.5962	102.8646	3.2848	106.1494	27.6408	3.0260	30.6669		128,512.7448	128,512.7448	3.7782		128,592.0875

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	26.8397	174.1530	405.7195	0.6378	17.9825	2.6900	20.6724	5.1279	2.4745	7.6024		59,486.7864	59,486.7864	0.4638		59,496.5267
Worker	23.7542	37.0653	331.3745	0.9583	84.8822	0.5948	85.4769	22.5130	0.5515	23.0645		69,025.9584	69,025.9584	3.3144		69,095.5608
Total	50.5939	211.2183	737.0940	1.5962	102.8646	3.2848	106.1494	27.6408	3.0260	30.6669		128,512.7448	128,512.7448	3.7782		128,592.0875

3.5 Paving - 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					
Off-Road	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016		2,339.8984	2,339.8984	0.6986		2,354.5681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016		2,339.8984	2,339.8984	0.6986		2,354.5681
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0677	0.1019	0.9501	1.6000e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		139.0478	139.0478	8.2500e-003		139.2211
Total	0.0677	0.1019	0.9501	1.6000e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		139.0478	139.0478	8.2500e-003		139.2211

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016	0.0000	2,339.8984	2,339.8984	0.6986		2,354.5681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016	0.0000	2,339.8984	2,339.8984	0.6986		2,354.5681

Mitigated Construction Off-Site

Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0604	0.0914	0.8465	1.6000e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385	134.2891	134.2891	7.5300e-003	134.4473	
Total	0.0604	0.0914	0.8465	1.6000e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385	134.2891	134.2891	7.5300e-003	134.4473	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

Worker	0.0604	0.0914	0.8465	1.6000e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		134.2891	134.2891	7.5300e-003		134.4473
Total	0.0604	0.0914	0.8465	1.6000e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		134.2891	134.2891	7.5300e-003		134.4473

3.5 Paving - 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	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0532	0.0818	0.7482	1.6000e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		129.1633	129.1633	6.8800e-003		129.3077
Total	0.0532	0.0818	0.7482	1.6000e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		129.1633	129.1633	6.8800e-003		129.3077

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0532	0.0818	0.7482	1.6000e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		129.1633	129.1633	6.8800e-003		129.3077
Total	0.0532	0.0818	0.7482	1.6000e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		129.1633	129.1633	6.8800e-003		129.3077

3.5 Paving - 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
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Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0472	0.0738	0.6664	1.6000e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		124.3534	124.3534	6.3200e-003			124.4862
Total	0.0472	0.0738	0.6664	1.6000e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		124.3534	124.3534	6.3200e-003			124.4862

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0472	0.0738	0.6664	1.6000e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		124.3534	124.3534	6.3200e-003		124.4862
Total	0.0472	0.0738	0.6664	1.6000e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		124.3534	124.3534	6.3200e-003		124.4862

3.5 Paving - 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	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0428	0.0672	0.6022	1.6000e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385		119.8646	119.8646	5.8800e-003		119.9881
Total	0.0428	0.0672	0.6022	1.6000e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385		119.8646	119.8646	5.8800e-003		119.9881

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0428	0.0672	0.6022	1.6000e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385	119.8646	119.8646	5.8800e-003		119.9881	
Total	0.0428	0.0672	0.6022	1.6000e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385	119.8646	119.8646	5.8800e-003		119.9881	

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799		2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799		2,160.7571	2,160.7571	0.6988		2,175.4326

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0396	0.0618	0.5522	1.6000e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		115.0305	115.0305	5.5200e-003		115.1465
Total	0.0396	0.0618	0.5522	1.6000e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		115.0305	115.0305	5.5200e-003		115.1465

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0396	0.0618	0.5522	1.6000e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		115.0305	115.0305	5.5200e-003		115.1465
Total	0.0396	0.0618	0.5522	1.6000e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		115.0305	115.0305	5.5200e-003		115.1465

3.6 Architectural Coating - 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					
Archit. Coating	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177
Total	228.3801	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	8.1245	12.2273	114.0121	0.1921	16.9745	0.1416	17.1161	4.5021	0.1293	4.6314		16,685.7405	16,685.7405	0.9902		16,706.5346
Total	8.1245	12.2273	114.0121	0.1921	16.9745	0.1416	17.1161	4.5021	0.1293	4.6314		16,685.7405	16,685.7405	0.9902		16,706.5346

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Archit. Coating	227.9735					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209			0.2209	0.2209	0.0000	281.4481	281.4481	0.0367	282.2177
Total	228.3801	2.5703	1.9018	2.9700e-003		0.2209	0.2209			0.2209	0.2209	0.0000	281.4481	281.4481	0.0367	282.2177

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	8.1245	12.2273	114.0121	0.1921	16.9745	0.1416	17.1161	4.5021	0.1293	4.6314		16,685.7405	16,685.7405	0.9902		16,706.5346
Total	8.1245	12.2273	114.0121	0.1921	16.9745	0.1416	17.1161	4.5021	0.1293	4.6314		16,685.7405	16,685.7405	0.9902		16,706.5346

3.6 Architectural Coating - 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					
Archit. Coating	227.9735					0.0000	0.0000			0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966			0.1966		281.4481	281.4481	0.0332		282.1449

Total	228.3420	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.2437	10.9705	101.5833	0.1920	16.9745	0.1335	17.1081	4.5021	0.1224	4.6245		16,114.6966	16,114.6966	0.9038		16,133.6762
Total	7.2437	10.9705	101.5833	0.1920	16.9745	0.1335	17.1081	4.5021	0.1224	4.6245		16,114.6966	16,114.6966	0.9038		16,133.6762

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449
Total	228.3420	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.2437	10.9705	101.5833	0.1920	16.9745	0.1335	17.1081	4.5021	0.1224	4.6245		16,114.6966	16,114.6966	0.9038		16,133.6762
Total	7.2437	10.9705	101.5833	0.1920	16.9745	0.1335	17.1081	4.5021	0.1224	4.6245		16,114.6966	16,114.6966	0.9038		16,133.6762

3.6 Architectural Coating - 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					
Archit. Coating	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	228.3058	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	6.3778	9.8204	89.7844	0.1919	16.9745	0.1272	17.1018	4.5021	0.1172	4.6193	15,499.5997	15,499.5997	0.8252		15,516.9283	
Total	6.3778	9.8204	89.7844	0.1919	16.9745	0.1272	17.1018	4.5021	0.1172	4.6193	15,499.5997	15,499.5997	0.8252		15,516.9283	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	228.3058	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	6.3778	9.8204	89.7844	0.1919	16.9745	0.1272	17.1018	4.5021	0.1172	4.6193		15,499.5997	15,499.5997	0.8252		15,516.9283
Total	6.3778	9.8204	89.7844	0.1919	16.9745	0.1272	17.1018	4.5021	0.1172	4.6193		15,499.5997	15,499.5997	0.8252		15,516.9283

3.6 Architectural Coating - 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					
Archit. Coating	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	228.2722	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.6647	8.8500	79.9690	0.1918	16.9745	0.1230	17.0976	4.5021	0.1137	4.6158		14,922.4040	14,922.4040	0.7589		14,938.3408
Total	5.6647	8.8500	79.9690	0.1918	16.9745	0.1230	17.0976	4.5021	0.1137	4.6158		14,922.4040	14,922.4040	0.7589		14,938.3408

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	228.2722	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.6647	8.8500	79.9690	0.1918	16.9745	0.1230	17.0976	4.5021	0.1137	4.6158		14,922.4040	14,922.4040	0.7589		14,938.3408
Total	5.6647	8.8500	79.9690	0.1918	16.9745	0.1230	17.0976	4.5021	0.1137	4.6158		14,922.4040	14,922.4040	0.7589		14,938.3408

3.6 Architectural Coating - 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
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Category	lb/day										lb/day					
Archit. Coating	227.9735					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.1288	281.4481	281.4481	0.0238		281.9473
Total	228.2400	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.1288		281.4481	281.4481	0.0238	281.9473

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.1350	8.0610	72.2655	0.1917	16.9745	0.1204	17.0949	4.5021	0.1116	4.6136		14,383.7535	14,383.7535	0.7054		14,398.5676
Total	5.1350	8.0610	72.2655	0.1917	16.9745	0.1204	17.0949	4.5021	0.1116	4.6136		14,383.7535	14,383.7535	0.7054		14,398.5676

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	227.9735					0.0000	0.0000			0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.0000	281.4481	281.4481	0.0238		281.9473

Total	228.2400	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		281.9473
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.1350	8.0610	72.2655	0.1917	16.9745	0.1204	17.0949	4.5021	0.1116	4.6136		14,383.7535	14,383.7535	0.7054		14,398.5676
Total	5.1350	8.0610	72.2655	0.1917	16.9745	0.1204	17.0949	4.5021	0.1116	4.6136		14,383.7535	14,383.7535	0.7054		14,398.5676

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	227.9735					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057
Total	228.2157	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	4.7503	7.4122	66.2675	0.1917	16.9745	0.1189	17.0935	4.5021	0.1103	4.6124	13,803.6579	13,803.6579	0.6628		13,817.5769	
Total	4.7503	7.4122	66.2675	0.1917	16.9745	0.1189	17.0935	4.5021	0.1103	4.6124		13,803.6579	13,803.6579	0.6628	13,817.5769	

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1,639.9065	3,228.6929	16,418.8428	21.3308	1,565.5071	40.8932	1,606.4003	418.0649	37.4892	455.5541		1,964,042.6967	1,964,042.6967	104.7877		1,966,243.2379
Unmitigated	1,639.9065	3,228.6929	16,418.8428	21.3308	1,565.5071	40.8932	1,606.4003	418.0649	37.4892	455.5541		1,964,042.6967	1,964,042.6967	104.7877		1,966,243.2379

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	35,065.39	38,098.36	32298.47	78,363,632	78,363,632
General Light Industry	15,069.84	2,853.97	1470.23	33,229,619	33,229,619
General Light Industry	1,852.63	350.86	180.74	4,085,118	4,085,118
General Office Building	28,185.60	6,067.20	2508.80	51,039,658	51,039,658
Hotel	231.21	231.78	168.39	422,386	422,386
Junior College (2Yr)	6,000.00	2,100.00	200.00	11,718,149	11,718,149
Place of Worship	1,246.25	1,418.62	5010.98	3,383,496	3,383,496

Category	lb/day										lb/day					
NaturalGas Mitigated:	10.4847	91.7464	53.8909	0.5719		7.2440	7.2440		7.2440	7.2440		114,378.7012	114,378.7012	2.1923	2.0969	115,074.7909
NaturalGas Unmitigated	10.4847	91.7464	53.8909	0.5719		7.2440	7.2440		7.2440	7.2440		114,378.7012	114,378.7012	2.1923	2.0969	115,074.7909

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	CO
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	162365	1.7510	15.9181	13.3712	0.0955		1.2098	1.2098		1.2098	1.2098		19,101.7441	19,101.7441	0.3661	0.3502	19,217
General Light Industry	19960.5	0.2153	1.9569	1.6438	0.0117		0.1487	0.1487		0.1487	0.1487		2,348.2927	2,348.2927	0.0450	0.0431	2,362
General Office Building	120776	1.3025	11.8408	9.9463	0.0710		0.8999	0.8999		0.8999	0.8999		14,208.9283	14,208.9283	0.2723	0.2605	14,295
Hotel	5221.45	0.0563	0.5119	0.4300	3.0700e-003		0.0389	0.0389		0.0389	0.0389		614.2880	614.2880	0.0118	0.0113	618.0
Junior College (2Yr)	15081	0.1626	1.4785	1.2420	8.8700e-003		0.1124	0.1124		0.1124	0.1124		1,774.2296	1,774.2296	0.0340	0.0325	1,785
Place of Worship	10273.1	0.1108	1.0072	0.8460	6.0400e-003		0.0765	0.0765		0.0765	0.0765		1,208.6021	1,208.6021	0.0232	0.0222	1,215
Regional Shopping Center	12440.4	0.1342	1.2197	1.0245	7.3200e-003		0.0927	0.0927		0.0927	0.0927		1,463.5823	1,463.5823	0.0281	0.0268	1,472
Regional Shopping Center	19336.7	0.2085	1.8958	1.5924	0.0114		0.1441	0.1441		0.1441	0.1441		2,274.9089	2,274.9089	0.0436	0.0417	2,288
Single Family Housing	449592	4.8485	41.4330	17.6311	0.2645		3.3499	3.3499		3.3499	3.3499		52,893.1658	52,893.1658	1.0138	0.9697	53,215
Apartments Low Rise:	157173	1.6950	14.4846	6.1637	0.0925		1.1711	1.1711		1.1711	1.1711		18,490.9595	18,490.9595	0.3544	0.3390	18,603
Total		10.4847	91.7464	53.8909	0.5719		7.2440	7.2440		7.2440	7.2440		114,378.7012	114,378.7012	2.1923	2.0970	115,079

Mitigated

	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	CO
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	162.365	1.7510	15.9181	13.3712	0.0955		1.2098	1.2098		1.2098	1.2098		19,101.7441	19,101.7441	0.3661	0.3502	19,217
General Light Industry	19.9605	0.2153	1.9569	1.6438	0.0117		0.1487	0.1487		0.1487	0.1487		2,348.2927	2,348.2927	0.0450	0.0431	2,362
General Office Building	120.776	1.3025	11.8408	9.9463	0.0710		0.8999	0.8999		0.8999	0.8999		14,208.9283	14,208.9283	0.2723	0.2605	14,295
Hotel	5.22145	0.0563	0.5119	0.4300	3.0700e-003		0.0389	0.0389		0.0389	0.0389		614.2880	614.2880	0.0118	0.0113	618.0
Junior College (2Yr)	15.081	0.1626	1.4785	1.2420	8.8700e-003		0.1124	0.1124		0.1124	0.1124		1,774.2296	1,774.2296	0.0340	0.0325	1,785
Place of Worship	10.2731	0.1108	1.0072	0.8460	6.0400e-003		0.0765	0.0765		0.0765	0.0765		1,208.6021	1,208.6021	0.0232	0.0222	1,215
Regional Shopping Center	12.4404	0.1342	1.2197	1.0245	7.3200e-003		0.0927	0.0927		0.0927	0.0927		1,463.5823	1,463.5823	0.0281	0.0268	1,472
Regional Shopping Center	19.3367	0.2085	1.8958	1.5924	0.0114		0.1441	0.1441		0.1441	0.1441		2,274.9089	2,274.9089	0.0436	0.0417	2,288
Single Family Housing	449.592	4.8485	41.4330	17.6311	0.2645		3.3499	3.3499		3.3499	3.3499		52,893.1658	52,893.1658	1.0138	0.9697	53,215
Apartments Low Rise	157.173	1.6950	14.4846	6.1637	0.0925		1.1711	1.1711		1.1711	1.1711		18,490.9595	18,490.9595	0.3544	0.3390	18,603
Total		10.4847	91.7464	53.8909	0.5719		7.2440	7.2440		7.2440	7.2440		114,378.7012	114,378.7012	2.1923	2.0970	115,079

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	635.9285	10.0061	845.4080	0.0436		17.5032	17.5032		17.3661	17.3661	0.0000	207,099.0638	207,099.0638	5.5301	3.7696	208,383.7714
Unmitigated	10,825.9795	145.6355	13,250.7766	4.3456		1,746.8315	1,746.8315		1,746.7412	1,746.7412	180,982.2712	136,986.4873	317,968.7586	152.6075	15.6518	326,025.5814

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	81.5084					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	507.9280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	10,208.8990	135.6303	12,406.3967	4.3021		1,742.3506	1,742.3506		1,742.2602	1,742.2602	180,982.2712	135,501.8824	316,484.1536	151.0184	15.6518	324,507.6042
Landscaping	27.6442	10.0052	844.3799	0.0436		4.4809	4.4809		4.4809	4.4809		1,484.6050	1,484.6050	1.5892		1,517.9772
Total	10,825.9795	145.6355	13,250.7766	4.3456		1,746.8315	1,746.8315		1,746.7412	1,746.7412	180,982.2712	136,986.4873	317,968.7586	152.6075	15.6518	326,025.5814

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	81.5084					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	507.9280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	18.8480	8.6000e-004	1.0281	0.0000		13.0223	13.0223		12.8852	12.8852	0.0000	205,614.458	205,614.458	3.9409	3.7696	206,865.7942
Landscaping	27.6442	10.0052	844.3799	0.0436		4.4809	4.4809		4.4809	4.4809		1,484.6050	1,484.6050	1.5892		1,517.9772
Total	635.9285	10.0061	845.4080	0.0436		17.5032	17.5032		17.3661	17.3661	0.0000	207,099.0638	207,099.0638	5.5301	3.7696	208,383.7714

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

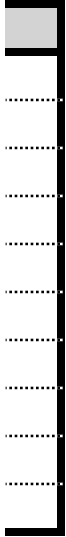
8.1 Mitigation Measures Waste

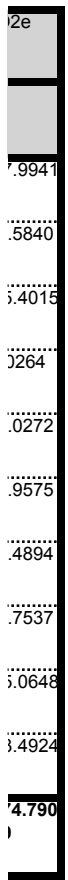
9.0 Operational Offroad

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

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Brentwood General Plan Update
Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	416.00	1000sqft	9.55	416,000.00	0
Junior College (2Yr)	5,000.00	Student	5.01	218,261.19	0
Place of Worship	278.30	1000sqft	6.39	278,300.00	0
General Light Industry	1,005.90	1000sqft	23.09	1,005,900.00	0
General Light Industry	265.80	1000sqft	6.10	265,800.00	0
Hotel	500.00	Room	16.67	726,000.00	0
Apartments Low Rise	1,424.00	Dwelling Unit	89.00	1,424,000.00	4073
Single Family Housing	16,050.00	Dwelling Unit	5,211.04	28,890,000.00	45903
Regional Shopping Center	709.60	1000sqft	16.29	709,600.00	0
Regional Shopping Center	1,984.80	1000sqft	45.56	1,984,800.00	0
Automobile Care Center	146.90	1000sqft	3.37	146,900.00	0
Movie Theater (No Matinee)	11.80	1000sqft	0.27	11,800.00	0
Supermarket	11.40	1000sqft	0.26	11,400.00	0
Golf Course	565.90	Acre	565.90	24,650,604.00	0
Fast Food Restaurant with Drive Thru	22.00	1000sqft	0.51	22,000.00	0
High Turnover (Sit Down Restaurant)	15.00	1000sqft	0.34	15,000.00	0
Racquet Club	29.90	1000sqft	0.69	29,900.00	0
Quality Restaurant	14.80	1000sqft	0.34	14,800.00	0
Medical Office Building	210.60	1000sqft	4.83	210,600.00	0
Convenience Market With Gas Pumps	67.60	1000sqft	1.55	67,600.00	0
Bank (with Drive-Through)	23.50	1000sqft	0.54	23,500.00	0

Regional Shopping Center	31.30	1000sqft	0.72	31,300.00	0
Recreational Swimming Pool	84.20	1000sqft	1.93	84,200.00	0
Elementary School	25.00	1000sqft	0.57	25,000.00	0
Junior High School	25.00		0.00		0
High School	25.00		0.00		0
Government (Civic Center)	215.30	1000sqft	4.94	215,300.00	0
Congregate Care (Assisted Living)	400.00	Dwelling Unit	25.00	400,000.00	1144
Place of Worship	4,378.00	1000sqft	100.51	4,378,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2014
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Acreage, square feet, and population estimates are left at default model rates. Unit amounts are adjusted consistent with the traffic assumptions.

Construction Phase - Construction schedule assumes start date of 1/1/2015. Construction phases overlap.

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	155,000.00	1,305.00

tblConstructionPhase	NumDays	15,500.00	1,305.00
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	6,000.00	1,305.00
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/2/2020	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2015	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblGrading	AcresOfGrading	3,262.50	38,750.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2015	110.6807	155.0635	373.6998	0.6216	61.8818	3.1216	65.0033	14.4615	2.8766	17.3381	0.0000	52,300.1234	52,300.1234	2.2872	0.0000	52,348.1538
2016	107.3609	136.6073	339.7340	0.6209	61.8733	2.6590	64.5323	14.4567	2.4515	16.9082	0.0000	51,039.2358	51,039.2358	2.1138	0.0000	51,083.6247
2017	104.4239	122.4557	310.4804	0.6179	61.7306	2.3593	64.0898	14.4183	2.1762	16.5945	0.0000	49,401.6291	49,401.6291	1.9610	0.0000	49,442.8108
2018	102.0330	110.5939	283.9402	0.6195	61.8725	2.1297	64.0022	14.4564	1.9654	16.4218	0.0000	48,195.9116	48,195.9116	1.8507	0.0000	48,234.7758
2019	100.2560	100.7596	264.6138	0.6190	61.8711	1.9563	63.8274	14.4558	1.8058	16.2616	0.0000	46,880.2759	46,880.2759	1.7538	0.0000	46,917.1049

2020	0.3788	0.3358	0.9549	2.3700e-003	24.6199	6.7900e-003	24.6267	4.4172	6.2700e-003	4.4234	0.0000	173.8577	173.8577	6.4200e-003	0.0000	173.9924
Total	525.1333	625.8158	1,573.4229	3.1012	333.8491	12.2327	346.0817	76.6658	11.2817	87.9475	0.0000	247,991.0334	247,991.0334	9.9728	0.0000	248,200.4624

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					
2015	110.6807	155.0634	373.6998	0.6216	48.4147	3.1216	51.5362	12.0505	2.8766	14.9271	0.0000	52,300.1218	52,300.1218	2.2872	0.0000	52,348.1521
2016	107.3609	136.6073	339.7339	0.6209	48.4112	2.6590	51.0702	12.0485	2.4515	14.5000	0.0000	51,039.2341	51,039.2341	2.1138	0.0000	51,083.6231
2017	104.4239	122.4557	310.4804	0.6179	48.2684	2.3593	50.6277	12.0101	2.1762	14.1863	0.0000	49,401.6274	49,401.6274	1.9610	0.0000	49,442.8092
2018	102.0330	110.5939	283.9402	0.6195	48.4104	2.1297	50.5401	12.0482	1.9654	14.0136	0.0000	48,195.9100	48,195.9100	1.8507	0.0000	48,234.7742
2019	100.2560	100.7596	264.6138	0.6190	48.4089	1.9563	50.3652	12.0476	1.8058	13.8534	0.0000	46,880.2743	46,880.2743	1.7538	0.0000	46,917.1033
2020	0.3788	0.3358	0.9549	2.3700e-003	11.1577	6.7900e-003	11.1645	2.0090	6.2700e-003	2.0152	0.0000	173.8577	173.8577	6.4200e-003	0.0000	173.9924
Total	525.1333	625.8157	1,573.4229	3.1012	253.0713	12.2326	265.3040	62.2139	11.2817	73.4956	0.0000	247,991.0253	247,991.0253	9.9728	0.0000	248,200.4542

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	24.20	0.00	23.34	18.85	0.00	16.43	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Area	399.1325	3.4105	283.1423	0.1610		22.1428	22.1428		22.1423	22.1423	2,249.9620	887.5415	3,137.5035	5.0647	0.1199
Energy	4.4513	38.7457	21.3761	0.2428		3.0754	3.0754		3.0754	3.0754	0.0000	112,521.5105	112,521.5105	3.9403	1.4482	113,053.1906
Mobile	334.9491	637.4425	3,137.1279	4.3726	305.8301	8.3148	314.1448	81.9042	7.6218	89.5260	0.0000	365,525.4336	365,525.4336	19.5876	0.0000	365,936.7725
Waste						0.0000	0.0000		0.0000	0.0000	11,961.5104	0.0000	11,961.5104	706.9050	0.0000	26,806.5158
Water						0.0000	0.0000		0.0000	0.0000	641.4419	5,090.9803	5,732.4222	66.1124	1.6033	7,617.7907
Total	738.5328	679.5988	3,441.6462	4.7764	305.8301	33.5330	339.3631	81.9042	32.8395	114.7438	14,852.9143	484,025.4659	498,878.3802	801.6100	3.1713	516,695.2832

Mitigated Operational

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Area	303.4888	1.6130	136.1193	7.0200e-003		0.8057	0.8057		0.8048	0.8048	0.0000	1,408.9194	1,408.9194	0.2549	0.0219	1,421.0449
Energy	4.4513	38.7457	21.3761	0.2428		3.0754	3.0754		3.0754	3.0754	0.0000	111,389.8251	111,389.8251	3.8892	1.4376	111,917.1485
Mobile	334.9491	637.4425	3,137.1279	4.3726	305.8301	8.3148	314.1448	81.9042	7.6218	89.5260	0.0000	365,525.4336	365,525.4336	19.5876	0.0000	365,936.7725
Waste						0.0000	0.0000		0.0000	0.0000	11,961.5104	0.0000	11,961.5104	706.9050	0.0000	26,806.5158
Water						0.0000	0.0000		0.0000	0.0000	513.1535	4,338.0423	4,851.1958	52.8923	1.2831	6,359.6931
Total	642.8892	677.8013	3,294.6232	4.6224	305.8301	12.1959	318.0260	81.9042	11.5020	93.4062	12,474.6639	482,662.2204	495,136.8843	783.5289	2.7425	512,441.1747

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	12.95	0.26	4.27	3.22	0.00	63.63	6.29	0.00	64.98	18.60	16.01	0.28	0.75	2.26	13.52	0.82

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2015	1/1/2015	5	1305	
2	Grading	Grading	1/1/2015	1/1/2020	5	1305	
3	Building Construction	Building Construction	1/1/2015	1/1/2020	5	1305	
4	Paving	Paving	1/1/2015	1/1/2020	5	1305	
5	Architectural Coating	Architectural Coating	1/1/2015	1/1/2020	5	1305	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 38750

Acres of Paving: 0

Residential Indoor: 62,195,850; Residential Outdoor: 20,731,950; Non-Residential Indoor: 53,313,848; Non-Residential Outdoor: 17,771,283

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37

Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	21,638.00	7,736.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4,328.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 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					9.0300e-003	0.0000	9.0300e-003	4.9700e-003	0.0000	4.9700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6300e-003	0.0284	0.0213	2.0000e-005		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	1.8651	1.8651	5.6000e-004	0.0000	1.8768
Total	2.6300e-003	0.0284	0.0213	2.0000e-005	9.0300e-003	1.5400e-003	0.0106	4.9700e-003	1.4200e-003	6.3900e-003	0.0000	1.8651	1.8651	5.6000e-004	0.0000	1.8768

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	6.0000e-005	5.4000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0766	0.0766	0.0000	0.0000	0.0767
Total	4.0000e-005	6.0000e-005	5.4000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0766	0.0766	0.0000	0.0000	0.0767

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.0600e-003	0.0000	4.0600e-003	2.2300e-003	0.0000	2.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6300e-003	0.0284	0.0213	2.0000e-005		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	1.8651	1.8651	5.6000e-004	0.0000	1.8768
Total	2.6300e-003	0.0284	0.0213	2.0000e-005	4.0600e-003	1.5400e-003	5.6000e-003	2.2300e-003	1.4200e-003	3.6500e-003	0.0000	1.8651	1.8651	5.6000e-004	0.0000	1.8768

Mitigated Construction Off-Site

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	0.0161	0.1579	2.8000e-004	0.0238	2.1000e-004	0.0240	6.3200e-003	1.9000e-004	6.5100e-003	0.0000	22.2197	22.2197	1.3000e-003	0.0000	22.2470
Total	0.0110	0.0161	0.1579	2.8000e-004	0.0238	2.1000e-004	0.0240	6.3200e-003	1.9000e-004	6.5100e-003	0.0000	22.2197	22.2197	1.3000e-003	0.0000	22.2470

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8842	10.3156	6.6346	8.0600e-003		0.4962	0.4962		0.4565	0.4565	0.0000	767.8899	767.8899	0.2293	0.0000	772.7041
Total	0.8842	10.3156	6.6346	8.0600e-003	11.0145	0.4962	11.5107	1.9703	0.4565	2.4268	0.0000	767.8899	767.8899	0.2293	0.0000	772.7041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	0.0161	0.1579	2.8000e-004	0.0238	2.1000e-004	0.0240	6.3200e-003	1.9000e-004	6.5100e-003	0.0000	22.2197	22.2197	1.3000e-003	0.0000	22.2470
Total	0.0110	0.0161	0.1579	2.8000e-004	0.0238	2.1000e-004	0.0240	6.3200e-003	1.9000e-004	6.5100e-003	0.0000	22.2197	22.2197	1.3000e-003	0.0000	22.2470

3.3 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					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8456	9.7632	6.4124	8.0500e-003		0.4677	0.4677		0.4303	0.4303	0.0000	759.4542	759.4542	0.2291	0.0000	764.2649
Total	0.8456	9.7632	6.4124	8.0500e-003	24.4766	0.4677	24.9444	4.3785	0.4303	4.8089	0.0000	759.4542	759.4542	0.2291	0.0000	764.2649

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.8300e-003	0.0145	0.1411	2.8000e-004	0.0238	1.9000e-004	0.0240	6.3200e-003	1.8000e-004	6.5000e-003	0.0000	21.4596	21.4596	1.1900e-003	0.0000	21.4846
Total	9.8300e-003	0.0145	0.1411	2.8000e-004	0.0238	1.9000e-004	0.0240	6.3200e-003	1.8000e-004	6.5000e-003	0.0000	21.4596	21.4596	1.1900e-003	0.0000	21.4846

Mitigated Construction On-Site

Off-Road	0.7929	9.0470	6.0847	8.0200e-003		0.4312	0.4312		0.3967	0.3967	0.0000	744.5610	744.5610	0.2281	0.0000	749.3517
Total	0.7929	9.0470	6.0847	8.0200e-003	24.4766	0.4312	24.9078	4.3785	0.3967	4.7753	0.0000	744.5610	744.5610	0.2281	0.0000	749.3517

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6500e-003	0.0129	0.1248	2.8000e-004	0.0237	1.8000e-004	0.0239	6.3000e-003	1.7000e-004	6.4600e-003	0.0000	20.5618	20.5618	1.0800e-003	0.0000	20.5846
Total	8.6500e-003	0.0129	0.1248	2.8000e-004	0.0237	1.8000e-004	0.0239	6.3000e-003	1.7000e-004	6.4600e-003	0.0000	20.5618	20.5618	1.0800e-003	0.0000	20.5846

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7929	9.0470	6.0847	8.0200e-003		0.4312	0.4312		0.3967	0.3967	0.0000	744.5601	744.5601	0.2281	0.0000	749.3509
Total	0.7929	9.0470	6.0847	8.0200e-003	11.0145	0.4312	11.4457	1.9703	0.3967	2.3671	0.0000	744.5601	744.5601	0.2281	0.0000	749.3509

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6500e-003	0.0129	0.1248	2.8000e-004	0.0237	1.8000e-004	0.0239	6.3000e-003	1.7000e-004	6.4600e-003	0.0000	20.5618	20.5618	1.0800e-003	0.0000	20.5846
Total	8.6500e-003	0.0129	0.1248	2.8000e-004	0.0237	1.8000e-004	0.0239	6.3000e-003	1.7000e-004	6.4600e-003	0.0000	20.5618	20.5618	1.0800e-003	0.0000	20.5846

3.3 Grading - 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					
Fugitive Dust					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6903	7.7692	5.5210	8.0500e-003		0.3638	0.3638		0.3347	0.3347	0.0000	735.5190	735.5190	0.2290	0.0000	740.3275
Total	0.6903	7.7692	5.5210	8.0500e-003	24.4766	0.3638	24.8405	4.3785	0.3347	4.7133	0.0000	735.5190	735.5190	0.2290	0.0000	740.3275

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Worker	7.7400e-003	0.0116	0.1120	2.8000e-004	0.0238	1.8000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.8726	19.8726	1.0000e-003	0.0000	19.8936
Total	7.7400e-003	0.0116	0.1120	2.8000e-004	0.0238	1.8000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.8726	19.8726	1.0000e-003	0.0000	19.8936

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6383	7.0728	5.2577	8.0500e-003		0.3269	0.3269		0.3007	0.3007	0.0000	723.5036	723.5036	0.2289	0.0000	728.3107
Total	0.6383	7.0728	5.2577	8.0500e-003	24.4766	0.3269	24.8035	4.3785	0.3007	4.6793	0.0000	723.5036	723.5036	0.2289	0.0000	728.3107

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0300e-003	0.0106	0.1016	2.8000e-004	0.0238	1.7000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.1555	19.1555	9.3000e-004	0.0000	19.1750
Total	7.0300e-003	0.0106	0.1016	2.8000e-004	0.0238	1.7000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.1555	19.1555	9.3000e-004	0.0000	19.1750

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6383	7.0728	5.2577	8.0500e-003		0.3269	0.3269		0.3007	0.3007	0.0000	723.5028	723.5028	0.2289	0.0000	728.3098
Total	0.6383	7.0728	5.2577	8.0500e-003	11.0145	0.3269	11.3414	1.9703	0.3007	2.2711	0.0000	723.5028	723.5028	0.2289	0.0000	728.3098

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0300e-003	0.0106	0.1016	2.8000e-004	0.0238	1.7000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.1555	19.1555	9.3000e-004	0.0000	19.1750
Total	7.0300e-003	0.0106	0.1016	2.8000e-004	0.0238	1.7000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.1555	19.1555	9.3000e-004	0.0000	19.1750

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Fugitive Dust					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0247	0.0192	3.0000e-005		1.1300e-003	1.1300e-003		1.0400e-003	1.0400e-003	0.0000	2.7114	2.7114	8.8000e-004	0.0000	2.7299
Total	2.2800e-003	0.0247	0.0192	3.0000e-005	24.4766	1.1300e-003	24.4777	4.3785	1.0400e-003	4.3796	0.0000	2.7114	2.7114	8.8000e-004	0.0000	2.7299

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	4.0000e-005	3.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0704	0.0704	0.0000	0.0000	0.0705
Total	2.0000e-005	4.0000e-005	3.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0704	0.0704	0.0000	0.0000	0.0705

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0247	0.0192	3.0000e-005		1.1300e-003	1.1300e-003		1.0400e-003	1.0400e-003	0.0000	2.7114	2.7114	8.8000e-004	0.0000	2.7299

Total	2.2800e-003	0.0247	0.0192	3.0000e-005	11.0145	1.1300e-003	11.0156	1.9703	1.0400e-003	1.9714	0.0000	2.7114	2.7114	8.8000e-004	0.0000	2.7299
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	4.0000e-005	3.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0704	0.0704	0.0000	0.0000	0.0705
Total	2.0000e-005	4.0000e-005	3.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0704	0.0704	0.0000	0.0000	0.0705

3.4 Building Construction - 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					
Off-Road	0.4775	3.9189	2.4462	3.5000e-003		0.2762	0.2762		0.2598	0.2598	0.0000	318.4126	318.4126	0.0799	0.0000	320.0903
Total	0.4775	3.9189	2.4462	3.5000e-003		0.2762	0.2762		0.2598	0.2598	0.0000	318.4126	318.4126	0.0799	0.0000	320.0903

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	14.3520	116.2370	157.1748	0.2403	6.5027	1.8673	8.3700	1.8624	1.7165	3.5789	0.0000	22,014.8800	22,014.8800	0.1971	0.0000	22,019.0185
Worker	11.9011	17.4284	170.7834	0.3050	25.7094	0.2221	25.9315	6.8370	0.2028	7.0398	0.0000	24,039.4455	24,039.4455	1.4092	0.0000	24,069.0388
Total	26.2531	133.6654	327.9582	0.5453	32.2121	2.0894	34.3015	8.6994	1.9194	10.6187	0.0000	46,054.3255	46,054.3255	1.6063	0.0000	46,088.0573

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4775	3.9189	2.4462	3.5000e-003		0.2762	0.2762		0.2598	0.2598	0.0000	318.4122	318.4122	0.0799	0.0000	320.0899
Total	0.4775	3.9189	2.4462	3.5000e-003		0.2762	0.2762		0.2598	0.2598	0.0000	318.4122	318.4122	0.0799	0.0000	320.0899

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	14.3520	116.2370	157.1748	0.2403	6.5027	1.8673	8.3700	1.8624	1.7165	3.5789	0.0000	22,014.8800	22,014.8800	0.1971	0.0000	22,019.0185
Worker	11.9011	17.4284	170.7834	0.3050	25.7094	0.2221	25.9315	6.8370	0.2028	7.0398	0.0000	24,039.4455	24,039.4455	1.4092	0.0000	24,069.0388
Total	26.2531	133.6654	327.9582	0.5453	32.2121	2.0894	34.3015	8.6994	1.9194	10.6187	0.0000	46,054.3255	46,054.3255	1.6063	0.0000	46,088.0573

3.4 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	0.4445	3.7201	2.4151	3.5000e-003		0.2567	0.2567		0.2412	0.2412	0.0000	316.0104	316.0104	0.0784	0.0000	317.6563
Total	0.4445	3.7201	2.4151	3.5000e-003		0.2567	0.2567		0.2412	0.2412	0.0000	316.0104	316.0104	0.0784	0.0000	317.6563

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	12.6576	101.1098	145.2982	0.2398	6.5034	1.4926	7.9960	1.8626	1.3722	3.2348	0.0000	21,757.6510	21,757.6510	0.1741	0.0000	21,761.3068

Worker	10.6391	15.6315	152.6491	0.3048	25.7094	0.2095	25.9189	6.8370	0.1920	7.0290	0.0000	23,217.1553	23,217.1553	1.2862	0.0000	23,244.1660
Total	23.2967	116.7413	297.9473	0.5446	32.2128	1.7021	33.9148	8.6996	1.5642	10.2638	0.0000	44,974.8063	44,974.8063	1.4603	0.0000	45,005.4728

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4445	3.7201	2.4151	3.5000e-003		0.2567	0.2567		0.2412	0.2412	0.0000	316.0101	316.0101	0.0784	0.0000	317.6560
Total	0.4445	3.7201	2.4151	3.5000e-003		0.2567	0.2567		0.2412	0.2412	0.0000	316.0101	316.0101	0.0784	0.0000	317.6560

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	12.6576	101.1098	145.2982	0.2398	6.5034	1.4926	7.9960	1.8626	1.3722	3.2348	0.0000	21,757.6510	21,757.6510	0.1741	0.0000	21,761.3068
Worker	10.6391	15.6315	152.6491	0.3048	25.7094	0.2095	25.9189	6.8370	0.1920	7.0290	0.0000	23,217.1553	23,217.1553	1.2862	0.0000	23,244.1660
Total	23.2967	116.7413	297.9473	0.5446	32.2128	1.7021	33.9148	8.6996	1.5642	10.2638	0.0000	44,974.8063	44,974.8063	1.4603	0.0000	45,005.4728

3.4 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	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3228	311.3228	0.0766	0.0000	312.9319
Total	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3228	311.3228	0.0766	0.0000	312.9319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	11.6862	90.3122	137.6880	0.2385	6.4790	1.2870	7.7660	1.8557	1.1833	3.0390	0.0000	21,312.1172	21,312.1172	0.1646	0.0000	21,315.5743
Worker	9.3622	13.9320	134.9773	0.3034	25.6109	0.1988	25.8097	6.8108	0.1831	6.9939	0.0000	22,245.8558	22,245.8558	1.1698	0.0000	22,270.4225
Total	21.0483	104.2442	272.6653	0.5419	32.0899	1.4859	33.5758	8.6665	1.3664	10.0328	0.0000	43,557.9729	43,557.9729	1.3345	0.0000	43,585.9968

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Off-Road	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3225	311.3225	0.0766	0.0000
Total	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3225	311.3225	0.0766	0.0000	312.9315

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	11.6862	90.3122	137.6880	0.2385	6.4790	1.2870	7.7660	1.8557	1.1833	3.0390	0.0000	21,312.1172	21,312.1172	0.1646	0.0000	21,315.5743
Worker	9.3622	13.9320	134.9773	0.3034	25.6109	0.1988	25.8097	6.8108	0.1831	6.9939	0.0000	22,245.8558	22,245.8558	1.1698	0.0000	22,270.4225
Total	21.0483	104.2442	272.6653	0.5419	32.0899	1.4859	33.5758	8.6665	1.3664	10.0328	0.0000	43,557.9729	43,557.9729	1.3345	0.0000	43,585.9968

3.4 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	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723
Total	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	10.3751	82.1496	128.3823	0.2388	6.5026	1.1968	7.6994	1.8623	1.1007	2.9630	0.0000	21,016.9246	21,016.9246	0.1624	0.0000	21,020.3344
Worker	8.3736	12.5979	121.1809	0.3045	25.7094	0.1930	25.9024	6.8370	0.1784	7.0153	0.0000	21,500.1474	21,500.1474	1.0800	0.0000	21,522.8279
Total	18.7487	94.7475	249.5632	0.5432	32.2120	1.3898	33.6018	8.6993	1.2790	9.9783	0.0000	42,517.0721	42,517.0721	1.2424	0.0000	42,543.1624

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720
Total	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	10.3751	82.1496	128.3823	0.2388	6.5026	1.1968	7.6994	1.8623	1.1007	2.9630	0.0000	21,016.9246	21,016.9246	0.1624	0.0000	21,020.3344
Worker	8.3736	12.5979	121.1809	0.3045	25.7094	0.1930	25.9024	6.8370	0.1784	7.0153	0.0000	21,500.1474	21,500.1474	1.0800	0.0000	21,522.8279
Total	18.7487	94.7475	249.5632	0.5432	32.2120	1.3898	33.6018	8.6993	1.2790	9.9783	0.0000	42,517.0721	42,517.0721	1.2424	0.0000	42,543.1624

3.4 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	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.6418	74.9786	122.9661	0.2384	6.5012	1.1123	7.6135	1.8617	1.0231	2.8848	0.0000	20,653.2646	20,653.2646	0.1586	0.0000	20,656.5950
Worker	7.6063	11.4708	109.8843	0.3044	25.7094	0.1889	25.8982	6.8370	0.1750	7.0120	0.0000	20,724.3643	20,724.3643	1.0039	0.0000	20,745.4470
Total	17.2482	86.4494	232.8503	0.5428	32.2105	1.3012	33.5117	8.6986	1.1981	9.8968	0.0000	41,377.6289	41,377.6289	1.1625	0.0000	41,402.0420

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.6418	74.9786	122.9661	0.2384	6.5012	1.1123	7.6135	1.8617	1.0231	2.8848	0.0000	20,653.2646	20,653.2646	0.1586	0.0000	20,656.5950

Worker	7.6063	11.4708	109.8843	0.3044	25.7094	0.1889	25.8982	6.8370	0.1750	7.0120	0.0000	20,724.3643	20,724.3643	1.0039	0.0000	20,745.4470
Total	17.2482	86.4494	232.8503	0.5428	32.2105	1.3012	33.5117	8.6986	1.1981	9.8968	0.0000	41,377.6289	41,377.6289	1.1625	0.0000	41,402.0420

3.4 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	1.0600e-003	9.5400e-003	8.4000e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.2000e-004	5.2000e-004	0.0000	1.1533	1.1533	2.8000e-004	0.0000	1.1592
Total	1.0600e-003	9.5400e-003	8.4000e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.2000e-004	5.2000e-004	0.0000	1.1533	1.1533	2.8000e-004	0.0000	1.1592

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0345	0.2452	0.4543	9.1000e-004	0.0249	3.8200e-003	0.0287	7.1300e-003	3.5100e-003	0.0106	0.0000	77.3177	77.3177	5.9000e-004	0.0000	77.3301
Worker	0.0270	0.0404	0.3869	1.1700e-003	0.0985	7.1000e-004	0.0992	0.0262	6.6000e-004	0.0269	0.0000	76.2024	76.2024	3.6100e-003	0.0000	76.2783
Total	0.0615	0.2857	0.8412	2.0800e-003	0.1234	4.5300e-003	0.1279	0.0333	4.1700e-003	0.0375	0.0000	153.5201	153.5201	4.2000e-003	0.0000	153.6084

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0600e-003	9.5400e-003	8.4000e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.2000e-004	5.2000e-004	0.0000	1.1533	1.1533	2.8000e-004	0.0000	1.1592
Total	1.0600e-003	9.5400e-003	8.4000e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.2000e-004	5.2000e-004	0.0000	1.1533	1.1533	2.8000e-004	0.0000	1.1592

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0345	0.2452	0.4543	9.1000e-004	0.0249	3.8200e-003	0.0287	7.1300e-003	3.5100e-003	0.0106	0.0000	77.3177	77.3177	5.9000e-004	0.0000	77.3301
Worker	0.0270	0.0404	0.3869	1.1700e-003	0.0985	7.1000e-004	0.0992	0.0262	6.6000e-004	0.0269	0.0000	76.2024	76.2024	3.6100e-003	0.0000	76.2783
Total	0.0615	0.2857	0.8412	2.0800e-003	0.1234	4.5300e-003	0.1279	0.0333	4.1700e-003	0.0375	0.0000	153.5201	153.5201	4.2000e-003	0.0000	153.6084

3.5 Paving - 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
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Total	0.3024	3.2854	1.9546	2.9100e-003		0.1846	0.1846		0.1699	0.1699	0.0000	277.0146	277.0146	0.0827	0.0000	278.7514
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2500e-003	0.0121	0.1184	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.4000e-004	4.8800e-003	0.0000	16.6647	16.6647	9.8000e-004	0.0000	16.6853
Total	8.2500e-003	0.0121	0.1184	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.4000e-004	4.8800e-003	0.0000	16.6647	16.6647	9.8000e-004	0.0000	16.6853

3.5 Paving - 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	0.2727	2.9214	1.9337	2.9100e-003		0.1646	0.1646		0.1514	0.1514	0.0000	274.2303	274.2303	0.0827	0.0000	275.9674
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2727	2.9214	1.9337	2.9100e-003		0.1646	0.1646		0.1514	0.1514	0.0000	274.2303	274.2303	0.0827	0.0000	275.9674

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3800e-003	0.0108	0.1058	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.3000e-004	4.8700e-003	0.0000	16.0947	16.0947	8.9000e-004	0.0000	16.1134
Total	7.3800e-003	0.0108	0.1058	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.3000e-004	4.8700e-003	0.0000	16.0947	16.0947	8.9000e-004	0.0000	16.1134

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2727	2.9214	1.9337	2.9100e-003		0.1646	0.1646		0.1514	0.1514	0.0000	274.2300	274.2300	0.0827	0.0000	275.9670
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2727	2.9214	1.9337	2.9100e-003		0.1646	0.1646		0.1514	0.1514	0.0000	274.2300	274.2300	0.0827	0.0000	275.9670

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3800e-003	0.0108	0.1058	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.3000e-004	4.8700e-003	0.0000	16.0947	16.0947	8.9000e-004	0.0000	16.1134
Total	7.3800e-003	0.0108	0.1058	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.3000e-004	4.8700e-003	0.0000	16.0947	16.0947	8.9000e-004	0.0000	16.1134

3.5 Paving - 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	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0144	269.0144	0.0824	0.0000	270.7454
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0144	269.0144	0.0824	0.0000	270.7454

Unmitigated Construction Off-Site

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

Worker	6.4900e-003	9.6600e-003	0.0936	2.1000e-004	0.0178	1.4000e-004	0.0179	4.7200e-003	1.3000e-004	4.8500e-003	0.0000	15.4214	15.4214	8.1000e-004	0.0000	15.4384
Total	6.4900e-003	9.6600e-003	0.0936	2.1000e-004	0.0178	1.4000e-004	0.0179	4.7200e-003	1.3000e-004	4.8500e-003	0.0000	15.4214	15.4214	8.1000e-004	0.0000	15.4384

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0141	269.0141	0.0824	0.0000	270.7450
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0141	269.0141	0.0824	0.0000	270.7450

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4900e-003	9.6600e-003	0.0936	2.1000e-004	0.0178	1.4000e-004	0.0179	4.7200e-003	1.3000e-004	4.8500e-003	0.0000	15.4214	15.4214	8.1000e-004	0.0000	15.4384
Total	6.4900e-003	9.6600e-003	0.0936	2.1000e-004	0.0178	1.4000e-004	0.0179	4.7200e-003	1.3000e-004	4.8500e-003	0.0000	15.4214	15.4214	8.1000e-004	0.0000	15.4384

3.5 Paving - 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	0.2103	2.2397	1.8915	2.9100e-003		0.1225	0.1225		0.1127	0.1127	0.0000	265.8121	265.8121	0.0828	0.0000	267.5499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2103	2.2397	1.8915	2.9100e-003		0.1225	0.1225		0.1127	0.1127	0.0000	265.8121	265.8121	0.0828	0.0000	267.5499

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-003	8.7300e-003	0.0840	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.9044	14.9044	7.5000e-004	0.0000	14.9202
Total	5.8000e-003	8.7300e-003	0.0840	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.9044	14.9044	7.5000e-004	0.0000	14.9202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.1861	1.9491	1.8747	2.9100e-003		0.1056	0.1056		0.0972	0.0972	0.0000	261.5151	261.5151	0.0827	0.0000	263.2526
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2700e-003	7.9500e-003	0.0762	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.3667	14.3667	7.0000e-004	0.0000	14.3813
Total	5.2700e-003	7.9500e-003	0.0762	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.3667	14.3667	7.0000e-004	0.0000	14.3813

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1861	1.9491	1.8747	2.9100e-003		0.1056	0.1056		0.0972	0.0972	0.0000	261.5147	261.5147	0.0827	0.0000	263.2523
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1861	1.9491	1.8747	2.9100e-003		0.1056	0.1056		0.0972	0.0972	0.0000	261.5147	261.5147	0.0827	0.0000	263.2523

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2700e-003	7.9500e-003	0.0762	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.3667	14.3667	7.0000e-004	0.0000	14.3813
Total	5.2700e-003	7.9500e-003	0.0762	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.3667	14.3667	7.0000e-004	0.0000	14.3813

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7000e-004	6.8900e-003	7.1800e-003	1.0000e-005		3.7000e-004	3.7000e-004		3.4000e-004	3.4000e-004	0.0000	0.9801	0.9801	3.2000e-004	0.0000	0.9868
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.7000e-004	6.8900e-003	7.1800e-003	1.0000e-005		3.7000e-004	3.7000e-004		3.4000e-004	3.4000e-004	0.0000	0.9801	0.9801	3.2000e-004	0.0000	0.9868

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	3.0000e-005	2.7000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529
Total	2.0000e-005	3.0000e-005	2.7000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7000e-004	6.8900e-003	7.1800e-003	1.0000e-005		3.7000e-004	3.7000e-004		3.4000e-004	3.4000e-004	0.0000	0.9801	0.9801	3.2000e-004	0.0000	0.9868
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.7000e-004	6.8900e-003	7.1800e-003	1.0000e-005		3.7000e-004	3.7000e-004		3.4000e-004	3.4000e-004	0.0000	0.9801	0.9801	3.2000e-004	0.0000	0.9868

Mitigated Construction Off-Site

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

Worker	2.0000e-005	3.0000e-005	2.7000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529
Total	2.0000e-005	3.0000e-005	2.7000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529

3.6 Architectural Coating - 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					
Archit. Coating	80.3081					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0531	0.3354	0.2482	3.9000e-004		0.0288	0.0288		0.0288	0.0288	0.0000	33.3200	33.3200	4.3400e-003	0.0000	33.4111
Total	80.3612	0.3354	0.2482	3.9000e-004		0.0288	0.0288		0.0288	0.0288	0.0000	33.3200	33.3200	4.3400e-003	0.0000	33.4111

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3804	3.4860	34.1598	0.0610	5.1424	0.0444	5.1868	1.3675	0.0406	1.4081	0.0000	4,808.3335	4,808.3335	0.2819	0.0000	4,814.2527
Total	2.3804	3.4860	34.1598	0.0610	5.1424	0.0444	5.1868	1.3675	0.0406	1.4081	0.0000	4,808.3335	4,808.3335	0.2819	0.0000	4,814.2527

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	80.3081					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0531	0.3354	0.2482	3.9000e-004		0.0288	0.0288		0.0288	0.0288	0.0000	33.3199	33.3199	4.3400e-003	0.0000	33.4110
Total	80.3612	0.3354	0.2482	3.9000e-004		0.0288	0.0288		0.0288	0.0288	0.0000	33.3199	33.3199	4.3400e-003	0.0000	33.4110

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3804	3.4860	34.1598	0.0610	5.1424	0.0444	5.1868	1.3675	0.0406	1.4081	0.0000	4,808.3335	4,808.3335	0.2819	0.0000	4,814.2527
Total	2.3804	3.4860	34.1598	0.0610	5.1424	0.0444	5.1868	1.3675	0.0406	1.4081	0.0000	4,808.3335	4,808.3335	0.2819	0.0000	4,814.2527

3.6 Architectural Coating - 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
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Category	tons/yr									MT/yr						
Archit. Coating	80.3081					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	0.0481	0.3096	0.2459	3.9000e-004		0.0257	0.0257		0.0257	0.0257	0.0000	33.3200	33.3200	3.9300e-003	0.0000	33.4025
Total	80.3562	0.3096	0.2459	3.9000e-004		0.0257	0.0257		0.0257	0.0257	0.0000	33.3200	33.3200	3.9300e-003	0.0000	33.4025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1280	3.1266	30.5327	0.0610	5.1424	0.0419	5.1843	1.3675	0.0384	1.4059	0.0000	4,643.8603	4,643.8603	0.2573	0.0000	4,649.2629
Total	2.1280	3.1266	30.5327	0.0610	5.1424	0.0419	5.1843	1.3675	0.0384	1.4059	0.0000	4,643.8603	4,643.8603	0.2573	0.0000	4,649.2629

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	80.3081					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0481	0.3096	0.2459	3.9000e-004		0.0257	0.0257		0.0257	0.0257	0.0000	33.3199	33.3199	3.9300e-003	0.0000	33.4024

Total	80.3562	0.3096	0.2459	3.9000e-004		0.0257	0.0257		0.0257	0.0257	0.0000	33.3199	33.3199	3.9300e-003	0.0000	33.4024
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1280	3.1266	30.5327	0.0610	5.1424	0.0419	5.1843	1.3675	0.0384	1.4059	0.0000	4,643.8603	4,643.8603	0.2573	0.0000	4,649.2629
Total	2.1280	3.1266	30.5327	0.0610	5.1424	0.0419	5.1843	1.3675	0.0384	1.4059	0.0000	4,643.8603	4,643.8603	0.2573	0.0000	4,649.2629

3.6 Architectural Coating - 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					
Archit. Coating	80.0004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0432	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659
Total	80.0436	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8726	2.7867	26.9980	0.0607	5.1227	0.0398	5.1624	1.3623	0.0366	1.3989	0.0000	4,449.5824	4,449.5824	0.2340	0.0000	4,454.4962
Total	1.8726	2.7867	26.9980	0.0607	5.1227	0.0398	5.1624	1.3623	0.0366	1.3989	0.0000	4,449.5824	4,449.5824	0.2340	0.0000	4,454.4962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	80.0004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0432	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659
Total	80.0436	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8726	2.7867	26.9980	0.0607	5.1227	0.0398	5.1624	1.3623	0.0366	1.3989	0.0000	4,449.5824	4,449.5824	0.2340	0.0000	4,454.4962
Total	1.8726	2.7867	26.9980	0.0607	5.1227	0.0398	5.1624	1.3623	0.0366	1.3989	0.0000	4,449.5824	4,449.5824	0.2340	0.0000	4,454.4962

3.6 Architectural Coating - 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					
Archit. Coating	80.3081					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865
Total	80.3471	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865

Unmitigated Construction Off-Site

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

Worker	1.6749	2.5198	24.2384	0.0609	5.1424	0.0386	5.1810	1.3675	0.0357	1.4032	0.0000	4,300.4269	4,300.4269	0.2160	0.0000	4,304.9635
Total	1.6749	2.5198	24.2384	0.0609	5.1424	0.0386	5.1810	1.3675	0.0357	1.4032	0.0000	4,300.4269	4,300.4269	0.2160	0.0000	4,304.9635

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	80.3081					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865
Total	80.3471	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6749	2.5198	24.2384	0.0609	5.1424	0.0386	5.1810	1.3675	0.0357	1.4032	0.0000	4,300.4269	4,300.4269	0.2160	0.0000	4,304.9635
Total	1.6749	2.5198	24.2384	0.0609	5.1424	0.0386	5.1810	1.3675	0.0357	1.4032	0.0000	4,300.4269	4,300.4269	0.2160	0.0000	4,304.9635

3.6 Architectural Coating - 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						
Archit. Coating	80.3081						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	0.0348	0.2395	0.2403	3.9000e-004			0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3791
Total	80.3429	0.2395	0.2403	3.9000e-004			0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3791

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5214	2.2944	21.9789	0.0609	5.1424	0.0378	5.1801	1.3675	0.0350	1.4025	0.0000	4,145.2560	4,145.2560	0.2008	0.0000	4,149.4729
Total	1.5214	2.2944	21.9789	0.0609	5.1424	0.0378	5.1801	1.3675	0.0350	1.4025	0.0000	4,145.2560	4,145.2560	0.2008	0.0000	4,149.4729

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr									MT/yr						
Archit. Coating	80.3081					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	0.0348	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3790
Total	80.3429	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3790

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5214	2.2944	21.9789	0.0609	5.1424	0.0378	5.1801	1.3675	0.0350	1.4025	0.0000	4,145.2560	4,145.2560	0.2008	0.0000	4,149.4729
Total	1.5214	2.2944	21.9789	0.0609	5.1424	0.0378	5.1801	1.3675	0.0350	1.4025	0.0000	4,145.2560	4,145.2560	0.2008	0.0000	4,149.4729

3.6 Architectural Coating - 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					
Archit. Coating	0.3077					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2000e-004	8.4000e-004	9.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1279

Total	0.3078	8.4000e-004	9.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1279
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-003	8.0800e-003	0.0774	2.3000e-004	0.0197	1.4000e-004	0.0199	5.2400e-003	1.3000e-004	5.3700e-003	0.0000	15.2419	15.2419	7.2000e-004	0.0000	15.2571
Total	5.4000e-003	8.0800e-003	0.0774	2.3000e-004	0.0197	1.4000e-004	0.0199	5.2400e-003	1.3000e-004	5.3700e-003	0.0000	15.2419	15.2419	7.2000e-004	0.0000	15.2571

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3077					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2000e-004	8.4000e-004	9.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1279
Total	0.3078	8.4000e-004	9.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1279

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-003	8.0800e-003	0.0774	2.3000e-004	0.0197	1.4000e-004	0.0199	5.2400e-003	1.3000e-004	5.3700e-003	0.0000	15.2419	15.2419	7.2000e-004	0.0000	15.2571
Total	5.4000e-003	8.0800e-003	0.0774	2.3000e-004	0.0197	1.4000e-004	0.0199	5.2400e-003	1.3000e-004	5.3700e-003	0.0000	15.2419	15.2419	7.2000e-004	0.0000	15.2571

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	334.9491	637.4425	3,137.1279	4.3726	305.8301	8.3148	314.1448	81.9042	7.6218	89.5260	0.0000	365,525.4336	365,525.4336	19.5876	0.0000	365,936.7725
Unmitigated	334.9491	637.4425	3,137.1279	4.3726	305.8301	8.3148	314.1448	81.9042	7.6218	89.5260	0.0000	365,525.4336	365,525.4336	19.5876	0.0000	365,936.7725

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	9,384.16	10,195.84	8643.68	20,971,586	20,971,586
General Light Industry	7,011.12	1,327.79	684.01	15,459,819	15,459,819

General Light Industry	1,852.63	350.86	180.74	4,085,118	4,085,118
General Office Building	4,580.16	985.92	407.68	8,293,944	8,293,944
Hotel	4,085.00	4,095.00	2975.00	7,462,657	7,462,657
Junior College (2Yr)	6,000.00	2,100.00	200.00	11,718,149	11,718,149
Place of Worship	2,535.31	2,885.97	10194.13	6,883,237	6,883,237
Place of Worship	39,883.58	45,399.86	160366.14	108,281,751	108,281,751
Regional Shopping Center	30,470.22	35,458.71	17910.30	51,527,158	51,527,158
Regional Shopping Center	85,227.31	99,180.46	50096.35	144,125,005	144,125,005
Regional Shopping Center	1,344.02	1,564.06	790.01	2,272,830	2,272,830
Single Family Housing	153,598.50	161,784.00	140758.50	341,403,712	341,403,712
Automobile Care Center	9,107.80	9,107.80	9107.80	9,073,064	9,073,064
Bank (with Drive-Through)	3,481.53	2,028.52	749.65	2,667,339	2,667,339
Congregate Care (Assisted Living)	1,096.00	880.00	976.00	2,339,520	2,339,520
Convenience Market With Gas Pumps	57,162.56	97,907.11	79908.61	35,527,471	35,527,471
Elementary School	385.75	0.00	0.00	607,539	607,539
Fast Food Restaurant with Drive Thru	10,914.64	15,884.66	11939.84	10,998,033	10,998,033
Golf Course	2,852.14	3,293.54	3327.49	5,391,300	5,391,300
Government (Civic Center)	6,011.18	0.00	0.00	8,207,990	8,207,990
High Turnover (Sit Down Restaurant)	1,907.25	2,375.55	1977.60	2,302,197	2,302,197
Medical Office Building	7,608.98	1,886.98	326.43	11,256,506	11,256,506
Movie Theater (No Matinee)	944.00	944.00	944.00	1,777,549	1,777,549
Quality Restaurant	1,331.26	1,396.53	1067.97	1,545,541	1,545,541
Racquet Club	984.61	624.01	799.23	1,542,112	1,542,112
Recreational Swimming Pool	2,772.71	1,757.25	2250.67	4,614,102	4,614,102
Supermarket	1,165.54	2,024.53	1897.42	1,584,235	1,584,235
Total	453,697.94	505,438.94	508,479.25	821,919,464	821,919,464

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1
Place of Worship	9.50	7.30	7.30	0.00	95.00	5.00	64	25	11
Place of Worship	9.50	7.30	7.30	0.00	95.00	5.00	64	25	11
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11

Government (Civic Center)	3.70747e+006	0.0200	0.1817	0.1527	1.0900e-003	0.0138	0.0138	0.0138	0.0138	0.0000	197.8445	197.8445	3.7900e-003	3.6300e-003	199.0
High School	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00
High Turnover (Sit Down Restaurant)	3.1656e+006	0.0171	0.1552	0.1304	9.3000e-004	0.0118	0.0118	0.0118	0.0118	0.0000	168.9285	168.9285	3.2400e-003	3.1000e-003	169.9
Hotel	3.36719e+007	0.1816	1.6506	1.3865	9.9000e-003	0.1254	0.1254	0.1254	0.1254	0.0000	1,796.8598	1,796.8598	0.0344	0.0329	1,807
Junior College (2Yr)	5.50455e+006	0.0297	0.2698	0.2267	1.6200e-003	0.0205	0.0205	0.0205	0.0205	0.0000	293.7436	293.7436	5.6300e-003	5.3900e-003	295.9
Junior High School	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00
Medical Office Building	3.62653e+006	0.0196	0.1778	0.1493	1.0700e-003	0.0135	0.0135	0.0135	0.0135	0.0000	193.5256	193.5256	3.7100e-003	3.5500e-003	194.7
Movie Theater (No Matinee)	323438	1.7400e-003	0.0159	0.0133	1.0000e-004	1.2000e-003	1.2000e-003	1.2000e-003	1.2000e-003	0.0000	17.2599	17.2599	3.3000e-004	3.2000e-004	17.3
Place of Worship	1.20001e+008	0.6471	5.8824	4.9412	0.0353	0.4471	0.4471	0.4471	0.4471	0.0000	6,403.7093	6,403.7093	0.1227	0.1174	6,442
Place of Worship	7.6282e+006	0.0411	0.3739	0.3141	2.2400e-003	0.0284	0.0284	0.0284	0.0284	0.0000	407.0700	407.0700	7.8000e-003	7.4600e-003	409.9
Quality Restaurant	3.12339e+006	0.0168	0.1531	0.1286	9.2000e-004	0.0116	0.0116	0.0116	0.0116	0.0000	166.6761	166.6761	3.1900e-003	3.0600e-003	167.6
Racquet Club	819559	4.4200e-003	0.0402	0.0338	2.4000e-004	3.0500e-003	3.0500e-003	3.0500e-003	3.0500e-003	0.0000	43.7348	43.7348	8.4000e-004	8.0000e-004	44.0
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00
Regional Shopping Center	1.7669e+006	9.5300e-003	0.0866	0.0728	5.2000e-004	6.5800e-003	6.5800e-003	6.5800e-003	6.5800e-003	0.0000	94.2887	94.2887	1.8100e-003	1.7300e-003	94.8
Regional Shopping Center	4.94215e+006	0.0267	0.2423	0.2035	1.4500e-003	0.0184	0.0184	0.0184	0.0184	0.0000	263.7321	263.7321	5.0500e-003	4.8400e-003	265.9
Regional Shopping Center	77937	4.2000e-004	3.8200e-003	3.2100e-003	2.0000e-005	2.9000e-004	2.9000e-004	2.9000e-004	2.9000e-004	0.0000	4.1590	4.1590	8.0000e-005	8.0000e-005	4.16
Single Family Housing	5.66292e+008	3.0535	26.0938	11.1038	0.1666	2.1097	2.1097	2.1097	2.1097	0.0000	30,219.4714	30,219.4714	0.5792	0.5540	30,403
Supermarket	266190	1.4400e-003	0.0131	0.0110	8.0000e-005	9.9000e-004	9.9000e-004	9.9000e-004	9.9000e-004	0.0000	14.2049	14.2049	2.7000e-004	2.6000e-004	14.2
Apartments Low Rise	1.53528e+007	0.0828	0.7074	0.3010	4.5200e-003	0.0572	0.0572	0.0572	0.0572	0.0000	819.2846	819.2846	0.0157	0.0150	824.9
Total		4.4512	38.7457	21.3761	0.2428	3.0754	3.0754	3.0754	3.0754	0.0000	44,052.1884	44,052.1884	0.8443	0.8076	44,320

Mitigated

	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	CO
Land Use	kBTU/yr	tons/yr										MT/yr					
Automobile Care Center	4.02653e+06	0.0217	0.1974	0.1658	1.1800e-003		0.0150	0.0150		0.0150	0.0150	0.0000	214.8709	214.8709	4.1200e-003	3.9400e-003	216.5
Bank (with Drive-Through)	644135	3.4700e-003	0.0316	0.0265	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	34.3735	34.3735	6.6000e-004	6.3000e-004	34.5
Congregate Care (Assisted Living)	3.25105e+06	0.0175	0.1498	0.0638	9.6000e-004		0.0121	0.0121		0.0121	0.0121	0.0000	173.4883	173.4883	3.3300e-003	3.1800e-003	174.5
Convenience Market With Gas Pumps	168324	9.1000e-004	8.2500e-003	6.9300e-003	5.0000e-005		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	8.9824	8.9824	1.7000e-004	1.6000e-004	9.03
Elementary School	484000	2.6100e-003	0.0237	0.0199	1.4000e-004		1.8000e-003	1.8000e-003		1.8000e-003	1.8000e-003	0.0000	25.8281	25.8281	5.0000e-004	4.7000e-004	25.9
Fast Food Restaurant with Drive-Thru	4.64288e+06	0.0250	0.2276	0.1912	1.3700e-003		0.0173	0.0173		0.0173	0.0173	0.0000	247.7618	247.7618	4.7500e-003	4.5400e-003	249.2
General Light Industry	2.75717e+07	0.1487	1.3516	1.1353	8.1100e-003		0.1027	0.1027		0.1027	0.1027	0.0000	1,471.3319	1,471.3319	0.0282	0.0270	1,480
General Light Industry	7.28558e+06	0.0393	0.3571	0.3000	2.1400e-003		0.0271	0.0271		0.0271	0.0271	0.0000	388.7862	388.7862	7.4500e-003	7.1300e-003	391.7
General Office Building	7.16352e+06	0.0386	0.3512	0.2950	2.1100e-003		0.0267	0.0267		0.0267	0.0267	0.0000	382.2727	382.2727	7.3300e-003	7.0100e-003	384.5
Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00
Government (Civic Center)	3.70747e+06	0.0200	0.1817	0.1527	1.0900e-003		0.0138	0.0138		0.0138	0.0138	0.0000	197.8445	197.8445	3.7900e-003	3.6300e-003	199.0
High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00
High Turnover (Sit Down Restaurant)	3.1656e+06	0.0171	0.1552	0.1304	9.3000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	168.9285	168.9285	3.2400e-003	3.1000e-003	169.5
Hotel	3.36719e+07	0.1816	1.6506	1.3865	9.9000e-003		0.1254	0.1254		0.1254	0.1254	0.0000	1,796.8598	1,796.8598	0.0344	0.0329	1,807
Junior College (2Yr)	5.50455e+06	0.0297	0.2698	0.2267	1.6200e-003		0.0205	0.0205		0.0205	0.0205	0.0000	293.7436	293.7436	5.6300e-003	5.3900e-003	295.5
Junior High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00
Medical Office Building	3.62653e+06	0.0196	0.1778	0.1493	1.0700e-003		0.0135	0.0135		0.0135	0.0135	0.0000	193.5256	193.5256	3.7100e-003	3.5500e-003	194.7
Movie Theater (No Matinee)	323438	1.7400e-003	0.0159	0.0133	1.0000e-004		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003	0.0000	17.2599	17.2599	3.3000e-004	3.2000e-004	17.3

Place of Worship	1.20001e+08	0.6471	5.8824	4.9412	0.0353		0.4471	0.4471		0.4471	0.4471	0.0000	6,403.7093	6,403.7093	0.1227	0.1174	6,442
Place of Worship	7.6282e+06	0.0411	0.3739	0.3141	2.2400e-003		0.0284	0.0284		0.0284	0.0284	0.0000	407.0700	407.0700	7.8000e-003	7.4600e-003	409.5
Quality Restaurant	3.12339e+06	0.0168	0.1531	0.1286	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.6761	166.6761	3.1900e-003	3.0600e-003	167.6
Racquet Club	819559	4.4200e-003	0.0402	0.0338	2.4000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	43.7348	43.7348	8.4000e-004	8.0000e-004	44.0
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00
Regional Shopping Center	1.7669e+06	9.5300e-003	0.0866	0.0728	5.2000e-004		6.5800e-003	6.5800e-003		6.5800e-003	6.5800e-003	0.0000	94.2887	94.2887	1.8100e-003	1.7300e-003	94.8
Regional Shopping Center	4.94215e+06	0.0267	0.2423	0.2035	1.4500e-003		0.0184	0.0184		0.0184	0.0184	0.0000	263.7321	263.7321	5.0500e-003	4.8400e-003	265.3
Regional Shopping Center	77937	4.2000e-004	3.8200e-003	3.2100e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	4.1590	4.1590	8.0000e-005	8.0000e-005	4.18
Single Family Housing	5.66292e+08	3.0535	26.0938	11.1038	0.1666		2.1097	2.1097		2.1097	2.1097	0.0000	30,219.4714	30,219.4714	0.5792	0.5540	30,403
Supermarket	266190	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	14.2049	14.2049	2.7000e-004	2.6000e-004	14.2
Apartments Low Rise:	1.53528e+07	0.0828	0.7074	0.3010	4.5200e-003		0.0572	0.0572		0.0572	0.0572	0.0000	819.2846	819.2846	0.0157	0.0150	824.2
Total		4.4512	38.7457	21.3761	0.2428		3.0754	3.0754		3.0754	3.0754	0.0000	44,052.1884	44,052.1884	0.8443	0.8076	44,320

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise:	5.24276e+06	1,525.1776	0.0690	0.0143	1,531.0490
Automobile Care Center	1.32651e+06	385.8961	0.0175	3.6100e-003	387.3817
Bank (with Drive-Through)	212205	61.7329	2.7900e-003	5.8000e-004	61.9705
Congregate Care (Assisted Living)	1.41062e+06	410.3667	0.0186	3.8400e-003	411.9465

Convenience Market With Gas Pumps	790244	229.8910	0.0104	2.1500e-003	230.7761
Elementary School	150000	43.6367	1.9700e-003	4.1000e-004	43.8047
Fast Food Restaurant with Drive Thru	754380	219.4578	9.9200e-003	2.0500e-003	220.3026
General Light Industry	2.40017e+006	698.2381	0.0316	6.5300e-003	700.9261
General Light Industry	9.08328e+006	2,642.4294	0.1195	0.0247	2,652.6020
General Office Building	8.19936e+006	2,385.2878	0.1079	0.0223	2,394.4705
Golf Course	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	4.24356e+006	1,234.5011	0.0558	0.0116	1,239.2536
High School	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	514350	149.6303	6.7700e-003	1.4000e-003	150.2063
Hotel	6.12744e+006	1,782.5426	0.0806	0.0167	1,789.4048
Junior College (2Yr)	1.95344e+006	568.2774	0.0257	5.3200e-003	570.4651
Junior High School	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	4.15093e+006	1,207.5520	0.0546	0.0113	1,212.2007
Movie Theater (No Matinee)	106554	30.9978	1.4000e-003	2.9000e-004	31.1171
Place of Worship	2.51305e+006	731.0748	0.0331	6.8400e-003	733.8892
Place of Worship	3.95333e+007	11,500.7019	0.5200	0.1076	11,544.9761
Quality Restaurant	507492	147.6352	6.6800e-003	1.3800e-003	148.2036
Racquet Club	269997	78.5452	3.5500e-003	7.3000e-004	78.8476
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.32023e+007	6,749.8186	0.3052	0.0632	6,775.8033
Regional Shopping Center	365897	106.4436	4.8100e-003	1.0000e-003	106.8534

Regional Shopping Center	8.29522e+06	2,413.1758	0.1091	0.0226	2,422.4658
Single Family Housing	1.13521e+08	33,024.4695	1.4933	0.3090	33,151.6036
Supermarket	487578	141.8420	6.4100e-003	1.3300e-003	142.3881
Total		68,469.3221	3.0960	0.6406	68,732.9079

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise:	5.07249e+06	1,475.6468	0.0667	0.0138	1,481.3276
Automobile Care Center	1.32651e+06	385.8961	0.0175	3.6100e-003	387.3817
Bank (with Drive-Through)	212205	61.7329	2.7900e-003	5.8000e-004	61.9705
Congregate Care (Assisted Living)	1.41062e+06	410.3667	0.0186	3.8400e-003	411.9465
Convenience Market With Gas Pumps	790244	229.8910	0.0104	2.1500e-003	230.7761
Elementary School	150000	43.6367	1.9700e-003	4.1000e-004	43.8047
Fast Food Restaurant with Drive-Through	754380	219.4578	9.9200e-003	2.0500e-003	220.3026
General Light Industry	2.40017e+06	698.2381	0.0316	6.5300e-003	700.9261
General Light Industry	9.08328e+06	2,642.4294	0.1195	0.0247	2,652.6020
General Office Building	8.19936e+06	2,385.2878	0.1079	0.0223	2,394.4705
Golf Course	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	4.24356e+06	1,234.5011	0.0558	0.0116	1,239.2536

High School	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	514350	149.6303	6.7700e-003	1.4000e-003	150.2063
Hotel	6.12744e+006	1,782.5426	0.0806	0.0167	1,789.4048
Junior College (2Yr)	1.95344e+006	568.2774	0.0257	5.3200e-003	570.4651
Junior High School	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	4.15093e+006	1,207.5520	0.0546	0.0113	1,212.2007
Movie Theater (No Matinee)	106554	30.9978	1.4000e-003	2.9000e-004	31.1171
Place of Worship	2.51305e+006	731.0748	0.0331	6.8400e-003	733.8892
Place of Worship	3.95333e+007	11,500.7019	0.5200	0.1076	11,544.9761
Quality Restaurant	507492	147.6352	6.6800e-003	1.3800e-003	148.2036
Racquet Club	269997	78.5452	3.5500e-003	7.3000e-004	78.8476
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.32023e+007	6,749.8186	0.3052	0.0632	6,775.8033
Regional Shopping Center	365897	106.4436	4.8100e-003	1.0000e-003	106.8534
Regional Shopping Center	8.29522e+006	2,413.1758	0.1091	0.0226	2,422.4658
Single Family Housing	1.09801e+008	31,942.3148	1.4443	0.2988	32,065.2829
Supermarket	487578	141.8420	6.4100e-003	1.3300e-003	142.3881
Total		67,337.6366	3.0448	0.6300	67,596.8658

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior
 Use Low VOC Paint - Non-Residential Exterior
 Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	303.4888	1.6130	136.1193	7.0200e-003		0.8057	0.8057		0.8048	0.8048	0.0000	1,408.9194	1,408.9194	0.2549	0.0219	1,421.0449
Unmitigated	399.1325	3.4105	283.1423	0.1610		22.1428	22.1428		22.1423	22.1423	2,249.9620	887.5415	3,137.5035	5.0647	0.1199	3,281.0137

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	40.1541					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	258.7650					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	95.7641	1.7975	147.0296	0.1540		21.4204	21.4204		21.4199	21.4199	2,249.9620	670.4644	2,920.4264	4.8327	0.1199	3,059.0645
Landscaping	4.4493	1.6130	136.1127	7.0200e-003		0.7225	0.7225		0.7225	0.7225	0.0000	217.0771	217.0771	0.2320	0.0000	221.9492
Total	399.1325	3.4105	283.1423	0.1610		22.1428	22.1428		22.1424	22.1424	2,249.9620	887.5415	3,137.5035	5.0647	0.1199	3,281.0137

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	40.1541					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	258.7650					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1204	1.0000e-005	6.5700e-003	0.0000		0.0832	0.0832		0.0823	0.0823	0.0000	1,191.8423	1,191.8423	0.0228	0.0219	1,199.0957
Landscaping	4.4493	1.6130	136.1127	7.0200e-003		0.7225	0.7225		0.7225	0.7225	0.0000	217.0771	217.0771	0.2320	0.0000	221.9492
Total	303.4888	1.6131	136.1193	7.0200e-003		0.8057	0.8057		0.8048	0.8048	0.0000	1,408.9194	1,408.9194	0.2548	0.0219	1,421.0449

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	4,851.1958	52.8923	1.2831	6,359.6931
Unmitigated	5,732.4222	66.1124	1.6033	7,617.7907

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	92.7793 / 58.4913	235.0359	3.0325	0.0733	321.4442
Automobile Care Center	13.8205 / 8.47064	34.7645	0.4517	0.0109	47.6350
Bank (with Drive-Through)	0.931139 / 0.570698	2.3422	0.0304	7.4000e-004	3.2094
Congregate Care (Assisted Living)	26.0616 / 16.4301	66.0213	0.8518	0.0206	90.2933
Convenience Market With Gas Pumps	5.0073 / 3.06899	12.5955	0.1637	3.9600e-003	17.2586
Elementary School	0.724923 / 1.86409	3.2691	0.0238	5.9000e-004	3.9498
Fast Food Restaurant with Drive Thru	6.67774 / 0.426239	13.0641	0.2181	5.2400e-003	19.2685
General Light Industry	294.081 / 0	556.2170	9.6036	0.2306	829.3767
General Office Building	73.9372 / 45.3164	185.9838	2.4166	0.0584	254.8388
Golf Course	0 / 674.259	686.5242	0.0310	6.4200e-003	689.1671
Government (Civic Center)	42.7714 / 26.2147	107.5885	1.3980	0.0338	147.4199
High Turnover (Sit Down Restaurant)	4.55301 / 0.290617	8.9074	0.1487	3.5700e-003	13.1376
Hotel	12.6834 / 1.40927	25.4240	0.4143	9.9600e-003	37.2106
Junior College (2Yr)	10.7055 / 16.7445	37.2972	0.3504	8.5500e-003	47.3068
Medical Office Building	26.4262 / 5.03356	55.1070	0.8632	0.0208	79.6730

Movie Theater (No Matinee)	4.7389 / 0.302483	9.2710	0.1548	3.7200e-003	13.6740
Place of Worship	145.691 / 227.875	507.5756	4.7682	0.1164	643.7949
Quality Restaurant	4.4923 / 0.286742	8.7886	0.1467	3.5300e-003	12.9624
Racquet Club	1.76838 / 1.08385	4.4482	0.0578	1.4000e-003	6.0951
Recreational Swimming Pool	4.97985 / 3.05217	12.5265	0.1628	3.9300e-003	17.1640
Regional Shopping Center	201.899 / 123.745	507.8636	6.5990	0.1595	695.8850
Single Family Housing	1045.72 / 659.26	2,649.1051	34.1797	0.8263	3,623.0187
Supermarket	1.40526 / 0.0434616	2.7021	0.0459	1.1000e-003	4.0076
Total		5,732.4222	66.1124	1.6033	7,617.7906

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise:	74.2235 / 54.9233	196.3069	2.4259	0.0586	265.4278
Automobile Care Center	11.0564 / 7.95393	29.0104	0.3614	8.7300e-003	39.3059
Bank (with Drive-Through)	0.744911 / 0.535885	1.9545	0.0244	5.9000e-004	2.6482
Congregate Care (Assisted Living)	20.8493 / 15.4279	55.1424	0.6814	0.0165	74.5584
Convenience Market With Gas Pumps	4.00584 / 2.88178	10.5108	0.1309	3.1600e-003	14.2409
Elementary School	0.579938 / 1.75038	2.8791	0.0190	4.7000e-004	3.4244
Fast Food Restaurant with Drive Thru	5.34219 / 0.400238	10.5116	0.1744	4.1900e-003	15.4726

General Light Industry	235.265 / 0	444.9736	7.6814	0.1842	663.3823
General Office Building	59.1498 / 42.5521	155.2006	1.9332	0.0467	210.2793
Golf Course	0 / 633.129	644.6462	0.0292	6.0300e-003	647.1279
Government (Civic Center)	34.2171 / 24.6156	89.7809	1.1183	0.0270	121.6430
High Turnover (Sit Down Restaurant)	3.6424 / 0.27289	7.1670	0.1189	2.8500e-003	10.5495
Hotel	10.1467 / 1.3233	20.5386	0.3314	7.9600e-003	29.9635
Junior College (2Yr)	8.5644 / 15.7231	32.2076	0.2804	6.8500e-003	40.2200
Medical Office Building	21.141 / 4.72651	44.7980	0.6905	0.0166	64.4428
Movie Theater (No Matinee)	3.79112 / 0.284031	7.4596	0.1238	2.9700e-003	10.9802
Place of Worship	116.552 / 213.975	438.3113	3.8153	0.0933	547.3519
Quality Restaurant	3.59384 / 0.269251	7.0715	0.1174	2.8200e-003	10.4089
Racquet Club	1.4147 / 1.01773	3.7120	0.0462	1.1200e-003	5.0293
Recreational Swimming Pool	3.98388 / 2.86599	10.4531	0.1302	3.1500e-003	14.1628
Regional Shopping Center	161.52 / 116.196	423.8043	5.2790	0.1276	574.2070
Single Family Housing	836.578 / 619.045	2,212.5881	27.3430	0.6609	2,991.6547
Supermarket	1.12421 / 0.0408104	2.1679	0.0367	8.8000e-004	3.2117
Total		4,851.1958	52.8923	1.2831	6,359.6931

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	11,961.5104	706.9050	0.0000	26,806.5158
Unmitigated	11,961.5104	706.9050	0.0000	26,806.5158

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	655.04	132.9672	7.8581	0.0000	297.9881
Automobile Care Center	561.16	113.9104	6.7319	0.0000	255.2806
Bank (with Drive-Through)	21.93	4.4516	0.2631	0.0000	9.9763
Congregate Care (Assisted Living)	365	74.0917	4.3787	0.0000	166.0443
Convenience Market With Gas Pumps	203.15	41.2376	2.4371	0.0000	92.4162
Elementary School	32.5	6.5972	0.3899	0.0000	14.7848
Fast Food Restaurant with Drive Thru	253.42	51.4420	3.0401	0.0000	115.2848
General Light Industry	1576.91	320.0985	18.9173	0.0000	717.3613
General Office Building	386.88	78.5331	4.6412	0.0000	175.9978

Golf Course	526.29	106.8321	6.3136	0.0000	239.4177
Government (Civic Center)	1227.21	249.1125	14.7221	0.0000	558.2773
High Turnover (Sit Down Restaurant)	178.5	36.2339	2.1414	0.0000	81.2025
Hotel	273.75	55.5688	3.2840	0.0000	124.5332
Junior College (2Yr)	912.5	185.2293	10.9467	0.0000	415.1107
Medical Office Building	2274.48	461.6989	27.2856	0.0000	1,034.6970
Movie Theater (No Matinee)	67.26	13.6532	0.8069	0.0000	30.5976
Place of Worship	26540.9	5,387.5649	318.3960	0.0000	12,073.8801
Quality Restaurant	13.51	2.7424	0.1621	0.0000	6.1459
Racquet Club	170.43	34.5958	2.0446	0.0000	77.5313
Recreational Swimming Pool	479.94	97.4235	5.7576	0.0000	218.3323
Regional Shopping Center	2861.99	580.9581	34.3336	0.0000	1,301.9646
Single Family Housing	19279.3	3,913.5156	231.2821	0.0000	8,770.4406
Supermarket	64.3	13.0523	0.7714	0.0000	29.2511
Total		11,961.5104	706.9050	0.0000	26,806.5158

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise:	655.04	132.9672	7.8581	0.0000	297.9881

Automobile Care Center	561.16	113.9104	6.7319	0.0000	255.2806
Bank (with Drive-Through)	21.93	4.4516	0.2631	0.0000	9.9763
Congregate Care (Assisted Living)	365	74.0917	4.3787	0.0000	166.0443
Convenience Market With Gas Pumps	203.15	41.2376	2.4371	0.0000	92.4162
Elementary School	32.5	6.5972	0.3899	0.0000	14.7848
Fast Food Restaurant with Drive-Through	253.42	51.4420	3.0401	0.0000	115.2848
General Light Industry	1576.91	320.0985	18.9173	0.0000	717.3613
General Office Building	386.88	78.5331	4.6412	0.0000	175.9978
Golf Course	526.29	106.8321	6.3136	0.0000	239.4177
Government (Civic Center)	1227.21	249.1125	14.7221	0.0000	558.2773
High Turnover (Sit Down Restaurant)	178.5	36.2339	2.1414	0.0000	81.2025
Hotel	273.75	55.5688	3.2840	0.0000	124.5332
Junior College (2Yr)	912.5	185.2293	10.9467	0.0000	415.1107
Medical Office Building	2274.48	461.6989	27.2856	0.0000	1,034.6970
Movie Theater (No Matinee)	67.26	13.6532	0.8069	0.0000	30.5976
Place of Worship	26540.9	5,387.5649	318.3960	0.0000	12,073.8801
Quality Restaurant	13.51	2.7424	0.1621	0.0000	6.1459
Racquet Club	170.43	34.5958	2.0446	0.0000	77.5313
Recreational Swimming Pool	479.94	97.4235	5.7576	0.0000	218.3323
Regional Shopping Center	2861.99	580.9581	34.3336	0.0000	1,301.9646
Single Family Housing	19279.3	3,913.5156	231.2821	0.0000	8,770.4406
Supermarket	64.3	13.0523	0.7714	0.0000	29.2511

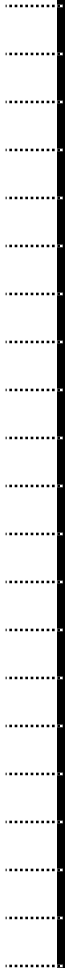
Total		11,961.5104	706.9050	0.0000	26,806.5158
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9.0 Operational Offroad

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

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2e

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Brentwood General Plan Update Contra Costa County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	416.00	1000sqft	9.55	416,000.00	0
Junior College (2Yr)	5,000.00	Student	5.01	218,261.19	0
Place of Worship	278.30	1000sqft	6.39	278,300.00	0
General Light Industry	1,005.90	1000sqft	23.09	1,005,900.00	0
General Light Industry	265.80	1000sqft	6.10	265,800.00	0
Hotel	500.00	Room	16.67	726,000.00	0
Apartments Low Rise	1,424.00	Dwelling Unit	89.00	1,424,000.00	4073
Single Family Housing	16,050.00	Dwelling Unit	5,211.04	28,890,000.00	45903
Regional Shopping Center	709.60	1000sqft	16.29	709,600.00	0
Regional Shopping Center	1,984.80	1000sqft	45.56	1,984,800.00	0
Automobile Care Center	146.90	1000sqft	3.37	146,900.00	0
Movie Theater (No Matinee)	11.80	1000sqft	0.27	11,800.00	0
Supermarket	11.40	1000sqft	0.26	11,400.00	0
Golf Course	565.90	Acre	565.90	24,650,604.00	0
Fast Food Restaurant with Drive Thru	22.00	1000sqft	0.51	22,000.00	0
High Turnover (Sit Down Restaurant)	15.00	1000sqft	0.34	15,000.00	0
Racquet Club	29.90	1000sqft	0.69	29,900.00	0
Quality Restaurant	14.80	1000sqft	0.34	14,800.00	0
Medical Office Building	210.60	1000sqft	4.83	210,600.00	0
Convenience Market With Gas Pumps	67.60	1000sqft	1.55	67,600.00	0
Bank (with Drive-Through)	23.50	1000sqft	0.54	23,500.00	0

Regional Shopping Center	31.30	1000sqft	0.72	31,300.00	0
Recreational Swimming Pool	84.20	1000sqft	1.93	84,200.00	0
Elementary School	25.00	1000sqft	0.57	25,000.00	0
Junior High School	25.00		0.00		0
High School	25.00		0.00		0
Government (Civic Center)	215.30	1000sqft	4.94	215,300.00	0
Congregate Care (Assisted Living)	400.00	Dwelling Unit	25.00	400,000.00	1144
Place of Worship	4,378.00	1000sqft	100.51	4,378,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2014
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Acreage, square feet, and population estimates are left at default model rates. Unit amounts are adjusted consistent with the traffic assumptions.

Construction Phase - Construction schedule assumes start date of 1/1/2015. Construction phases overlap.

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	155,000.00	1,305.00

tblConstructionPhase	NumDays	15,500.00	1,305.00
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	6,000.00	1,305.00
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/2/2020	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2015	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblGrading	AcresOfGrading	3,262.50	38,750.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2015	852.6026	1,198.3932	2,797.3792	5.0581	352.2578	26.9240	379.1818	96.3539	24.8065	121.1604	0.0000	468,361.8593	468,361.8593	20.5359	0.0000	468,793.1134
2016	822.8263	1,006.0164	2,486.1301	5.0119	334.0267	20.3247	354.3514	86.3802	18.7386	105.1188	0.0000	452,716.5008	452,716.5008	17.8394	0.0000	453,091.1289
2017	803.8713	905.6308	2,267.0599	5.0078	334.0308	18.1059	352.1367	86.3818	16.7007	103.0824	0.0000	439,713.0030	439,713.0030	16.6129	0.0000	440,061.8740
2018	783.6182	814.7984	2,046.1759	5.0022	334.0206	16.2809	350.3015	86.3775	15.0249	101.4024	0.0000	427,186.5696	427,186.5696	15.6166	0.0000	427,514.5178
2019	770.3236	742.5107	1,895.7993	4.9988	334.0097	14.9555	348.9652	86.3728	13.8052	100.1780	0.0000	415,383.1866	415,383.1866	14.7976	0.0000	415,693.9368

2020	759.7127	645.6739	1,775.4883	4.9958	334.0044	13.5452	347.5496	86.3704	12.5048	98.8752	0.0000	401,933.6908	401,933.6908	14.1312	0.0000	402,230.4464
Total	4,792.9547	5,313.0234	13,268.0326	30.0746	2,022.3499	110.1362	2,132.4861	528.2366	101.5806	629.8172	0.0000	2,605,294.8101	2,605,294.8101	99.5337	0.0000	2,607,385.0174

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					
2015	852.6026	1,198.3932	2,797.3792	5.0581	321.6897	26.9240	348.6138	87.2013	24.8065	112.0079	0.0000	468,361.8593	468,361.8593	20.5359	0.0000	468,793.1134
2016	822.8263	1,006.0164	2,486.1301	5.0119	313.3950	20.3247	333.7198	82.6895	18.7386	101.4281	0.0000	452,716.5008	452,716.5008	17.8394	0.0000	453,091.1289
2017	803.8713	905.6308	2,267.0599	5.0078	313.3992	18.1059	331.5051	82.6910	16.7007	99.3917	0.0000	439,713.0030	439,713.0030	16.6129	0.0000	440,061.8740
2018	783.6182	814.7984	2,046.1759	5.0022	313.3890	16.2809	329.6699	82.6868	15.0249	97.7117	0.0000	427,186.5696	427,186.5696	15.6166	0.0000	427,514.5178
2019	770.3236	742.5107	1,895.7993	4.9988	313.3780	14.9555	328.3336	82.6820	13.8052	96.4873	0.0000	415,383.1866	415,383.1866	14.7976	0.0000	415,693.9368
2020	759.7127	645.6739	1,775.4883	4.9958	313.3728	13.5452	326.9180	82.6797	12.5048	95.1845	0.0000	401,933.6908	401,933.6908	14.1312	0.0000	402,230.4464
Total	4,792.9547	5,313.0234	13,268.0326	30.0746	1,888.6237	110.1362	1,998.7600	500.6304	101.5806	602.2110	0.0000	2,605,294.8101	2,605,294.8101	99.5337	0.0000	2,607,385.0174

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	6.61	0.00	6.27	5.23	0.00	4.38	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	31,087.8600	406.5398	37,131.0155	12.0048		4,997.7424	4,997.7424		4,997.5804	4,997.5804	518,227.2626	245,534.8570	763,762.1196	418.9729	42.4122	785,708.3271
Energy	24.3905	212.3054	117.1291	1.3304		16.8516	16.8516		16.8516	16.8516		266,077.9483	266,077.9483	5.0998	4.8781	267,697.2543
Mobile	2,723.9157	4,535.3024	23,077.2920	35.4951	2,396.3406	62.8495	2,459.1902	639.9370	57.6095	697.5465		3,268,765.7036	3,268,765.7036	164.0802		3,272,211.3868
Total	33,836.1662	5,154.1476	60,325.4367	48.8304	2,396.3406	5,077.4435	7,473.7841	639.9370	5,072.0415	5,711.9785	518,227.2626	3,780,378.5088	4,298,605.7714	588.1529	47.2903	4,325,616.9682

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	1,726.5484	17.9244	1,514.5014	0.0780		35.1104	35.1104		34.8253	34.8253	0.0000	430,281.9864	430,281.9864	11.0377	7.8398	432,944.1031
Energy	24.3905	212.3054	117.1291	1.3304		16.8516	16.8516		16.8516	16.8516		266,077.9483	266,077.9483	5.0998	4.8781	267,697.2543
Mobile	2,723.9157	4,535.3024	23,077.2920	35.4951	2,396.3406	62.8495	2,459.1902	639.9370	57.6095	697.5465		3,268,765.7036	3,268,765.7036	164.0802		3,272,211.3868
Total	4,474.8546	4,765.5322	24,708.9226	36.9035	2,396.3406	114.8116	2,511.1522	639.9370	109.2864	749.2234	0.0000	3,965,125.6383	3,965,125.6383	180.2177	12.7179	3,972,852.7443

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	86.77	7.54	59.04	24.43	0.00	97.74	66.40	0.00	97.85	86.88	100.00	-4.89	7.76	69.36	73.11	8.16

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2015	1/1/2015	5	1305	
2	Grading	Grading	1/1/2015	1/1/2020	5	1305	
3	Building Construction	Building Construction	1/1/2015	1/1/2020	5	1305	
4	Paving	Paving	1/1/2015	1/1/2020	5	1305	
5	Architectural Coating	Architectural Coating	1/1/2015	1/1/2020	5	1305	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 38750

Acres of Paving: 0

Residential Indoor: 62,195,850; Residential Outdoor: 20,731,950; Non-Residential Indoor: 53,313,848; Non-Residential Outdoor: 17,771,283

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38

Architectural Coating	Air Compressors	1	6.00	78	0.48
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Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	21,638.00	7,736.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4,328.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.2609	56.8897	42.6318	0.0391		3.0883	3.0883		2.8412	2.8412		4,111.7444	4,111.7444	1.2275		4,137.5225
Total	5.2609	56.8897	42.6318	0.0391	18.0663	3.0883	21.1545	9.9307	2.8412	12.7719		4,111.7444	4,111.7444	1.2275		4,137.5225

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0833	0.0990	1.1863	2.1200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		183.9496	183.9496	9.9000e-003		184.1575
Total	0.0833	0.0990	1.1863	2.1200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		183.9496	183.9496	9.9000e-003		184.1575

3.3 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					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980		6,486.2433	6,486.2433	1.9364		6,526.9080
Total	6.7751	79.0467	50.8400	0.0618	37.5120	3.8022	41.3142	6.7104	3.4980	10.2084		6,486.2433	6,486.2433	1.9364		6,526.9080

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0926	0.1100	1.3181	2.3500e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		204.3884	204.3884	0.0110		204.6195
Total	0.0926	0.1100	1.3181	2.3500e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		204.3884	204.3884	0.0110		204.6195

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080
Total	6.7751	79.0467	50.8400	0.0618	16.8804	3.8022	20.6826	3.0197	3.4980	6.5177	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0926	0.1100	1.3181	2.3500e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		204.3884	204.3884	0.0110		204.6195
Total	0.0926	0.1100	1.3181	2.3500e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		204.3884	204.3884	0.0110		204.6195

3.3 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					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350		6,455.6154
Total	6.4795	74.8137	49.1374	0.0617	37.5120	3.5842	41.0963	6.7104	3.2975	10.0079		6,414.9807	6,414.9807	1.9350		6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.0987	1.1832	2.3500e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		197.4209	197.4209	0.0100		197.6318
Total	0.0833	0.0987	1.1832	2.3500e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		197.4209	197.4209	0.0100		197.6318

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
Total	6.4795	74.8137	49.1374	0.0617	16.8804	3.5842	20.4647	3.0197	3.2975	6.3172	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.0987	1.1832	2.3500e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		197.4209	197.4209	0.0100		197.6318
Total	0.0833	0.0987	1.1832	2.3500e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		197.4209	197.4209	0.0100		197.6318

3.3 Grading - 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					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915

Total	6.0991	69.5920	46.8050	0.0617	37.5120	3.3172	40.8292	6.7104	3.0518	9.7622		6,313.3690	6,313.3690	1.9344		6,353.9915
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0741	0.0884	1.0559	2.3500e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513		189.9151	189.9151	9.1700e-003		190.1076
Total	0.0741	0.0884	1.0559	2.3500e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513		189.9151	189.9151	9.1700e-003		190.1076

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518	0.0000	6,313.3690	6,313.3690	1.9344		6,353.9915
Total	6.0991	69.5920	46.8050	0.0617	16.8804	3.3172	20.1976	3.0197	3.0518	6.0715	0.0000	6,313.3690	6,313.3690	1.9344		6,353.9915

Mitigated Construction Off-Site

Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0665	0.0796	0.9493	2.3500e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513	182.8648	182.8648	8.4300e-003	183.0418	
Total	0.0665	0.0796	0.9493	2.3500e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513	182.8648	182.8648	8.4300e-003	183.0418	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	16.8804	2.7880	19.6684	3.0197	2.5650	5.5847	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0665	0.0796	0.9493	2.3500e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		182.8648	182.8648	8.4300e-003		183.0418
Total	0.0665	0.0796	0.9493	2.3500e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		182.8648	182.8648	8.4300e-003		183.0418

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	37.5120	2.5049	40.0170	6.7104	2.3045	9.0149		6,111.3121	6,111.3121	1.9336		6,151.9167

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0608	0.0725	0.8647	2.3500e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		176.2835	176.2835	7.8400e-003		176.4481
Total	0.0608	0.0725	0.8647	2.3500e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		176.2835	176.2835	7.8400e-003		176.4481

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	16.8804	2.5049	19.3853	3.0197	2.3045	5.3242	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0608	0.0725	0.8647	2.3500e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		176.2835	176.2835	7.8400e-003		176.4481
Total	0.0608	0.0725	0.8647	2.3500e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		176.2835	176.2835	7.8400e-003		176.4481

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000		0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810		5,977.7088	5,977.7088	1.9333	6,018.3084
Total	4.5501	49.3839	38.4257	0.0617	37.5120	2.2619	39.7740	6.7104	2.0810	8.7914		5,977.7088	5,977.7088	1.9333	6,018.3084

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0564	0.0668	0.7971	2.3500e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		169.1916	169.1916	7.3600e-003		169.3463
Total	0.0564	0.0668	0.7971	2.3500e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		169.1916	169.1916	7.3600e-003		169.3463

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084

Total	4.5501	49.3839	38.4257	0.0617	16.8804	2.2619	19.1424	3.0197	2.0810	5.1007	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0564	0.0668	0.7971	2.3500e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		169.1916	169.1916	7.3600e-003		169.3463
Total	0.0564	0.0668	0.7971	2.3500e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		169.1916	169.1916	7.3600e-003		169.3463

3.4 Building Construction - 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					
Off-Road	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904		2,689.5771	2,689.5771	0.6748		2,703.7483
Total	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904		2,689.5771	2,689.5771	0.6748		2,703.7483

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	98.3641	861.5184	953.5110	1.8432	51.3125	14.2349	65.5473	14.6351	13.0856	27.7206		186,553.8589	186,553.8589	1.6486		186,588.4800
Worker	100.1539	119.0571	1,426.0440	2.5464	204.0529	1.7017	205.7546	54.1202	1.5542	55.6743		221,127.8101	221,127.8101	11.9033		221,377.7792
Total	198.5179	980.5756	2,379.5550	4.3896	255.3653	15.9366	271.3019	68.7552	14.6397	83.3950		407,681.6690	407,681.6690	13.5519		407,966.2592

3.4 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	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	86.8625	749.5885	863.5274	1.8392	51.3173	11.3866	62.7039	14.6371	10.4679	25.1049		184,377.3648	184,377.3648	1.4553		184,407.9265

Worker	90.0705	106.8125	1,280.1357	2.5456	204.0529	1.6052	205.6581	54.1202	1.4714	55.5915		213,589.6743	213,589.6743	10.8645		213,817.8295
Total	176.9330	856.4009	2,143.6631	4.3849	255.3702	12.9919	268.3621	68.7572	11.9393	80.6965		397,967.0391	397,967.0391	12.3199		398,225.7560

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	86.8625	749.5885	863.5274	1.8392	51.3173	11.3866	62.7039	14.6371	10.4679	25.1049		184,377.3648	184,377.3648	1.4553		184,407.9265
Worker	90.0705	106.8125	1,280.1357	2.5456	204.0529	1.6052	205.6581	54.1202	1.4714	55.5915		213,589.6743	213,589.6743	10.8645		213,817.8295
Total	176.9330	856.4009	2,143.6631	4.3849	255.3702	12.9919	268.3621	68.7572	11.9393	80.6965		397,967.0391	397,967.0391	12.3199		398,225.7560

3.4 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	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	80.6760	672.2818	812.7578	1.8362	51.3215	9.8577	61.1792	14.6386	9.0629	23.7015		181,298.24 13	181,298.241 3	1.3806		181,327.233 2
Worker	80.1958	95.5946	1,142.419 8	2.5447	204.0529	1.5296	205.5824	54.1202	1.4083	55.5285		205,469.10 91	205,469.109 1	9.9195		205,677.418 2
Total	160.8719	767.8764	1,955.177 6	4.3809	255.3744	11.3873	266.7617	68.7588	10.4713	79.2300		386,767.35 03	386,767.350 3	11.3001		387,004.651 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	80.6760	672.2818	812.7578	1.8362	51.3215	9.8577	61.1792	14.6386	9.0629	23.7015		181,298.24 13	181,298.241 3	1.3806		181,327.233 2
Worker	80.1958	95.5946	1,142.419 8	2.5447	204.0529	1.5296	205.5824	54.1202	1.4083	55.5285		205,469.10 91	205,469.109 1	9.9195		205,677.418 2
Total	160.8719	767.8764	1,955.177 6	4.3809	255.3744	11.3873	266.7617	68.7588	10.4713	79.2300		386,767.35 03	386,767.350 3	11.3001		387,004.651 4

3.4 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	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	71.8575	609.3298	735.8187	1.8315	51.3113	9.1325	60.4437	14.6343	8.3988	23.0331		178,103.7680	178,103.7680	1.3558			178,132.2390
Worker	71.9890	86.1371	1,027.0740	2.5440	204.0529	1.4788	205.5317	54.1202	1.3667	55.4869		197,841.3915	197,841.3915	9.1228			198,032.9699
Total	143.8465	695.4669	1,762.8927	4.3755	255.3642	10.6112	265.9754	68.7545	9.7655	78.5200		375,945.1595	375,945.1595	10.4785			376,165.2089

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048	0.0000	2,609.9389	2,609.9389	0.6387			2,623.3517
Total	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048	0.0000	2,609.9389	2,609.9389	0.6387			2,623.3517

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	71.8575	609.3298	735.8187	1.8315	51.3113	9.1325	60.4437	14.6343	8.3988	23.0331		178,103.7680	178,103.7680	1.3558		178,132.2390
Worker	71.9890	86.1371	1,027.0740	2.5440	204.0529	1.4788	205.5317	54.1202	1.3667	55.4869		197,841.3915	197,841.3915	9.1228		198,032.9699
Total	143.8465	695.4669	1,762.8927	4.3755	255.3642	10.6112	265.9754	68.7545	9.7655	78.5200		375,945.1595	375,945.1595	10.4785		376,165.2089

3.4 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	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	67.0091	556.3012	697.9944	1.8286	51.3003	8.4884	59.7887	14.6296	7.8077	22.4373		175,023.3155	175,023.3155	1.3235		175,051.1095
Worker	65.7366	78.4564	935.5489	2.5435	204.0529	1.4472	205.5001	54.1202	1.3409	55.4611		190,721.1286	190,721.1286	8.4801		190,899.2103
Total	132.7457	634.7576	1,633.5433	4.3721	255.3532	9.9356	265.2888	68.7498	9.1486	77.8984		365,744.4441	365,744.4441	9.8036		365,950.3198

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	67.0091	556.3012	697.9944	1.8286	51.3003	8.4884	59.7887	14.6296	7.8077	22.4373		175,023.3155	175,023.3155	1.3235		175,051.1095

Worker	65.7366	78.4564	935.5489	2.5435	204.0529	1.4472	205.5001	54.1202	1.3409	55.4611		190,721.1286	190,721.1286	8.4801		190,899.2103
Total	132.7457	634.7576	1,633.5433	4.3721	255.3532	9.9356	265.2888	68.7498	9.1486	77.8984		365,744.4441	365,744.4441	9.8036		365,950.3198

3.4 Building Construction - 2020

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	62.7488	474.9646	667.7538	1.8259	51.2951	7.6023	58.8974	14.6272	6.9935	21.6207		171,013.7566	171,013.7566	1.2836		171,040.7124
Worker	61.0355	72.2124	862.4214	2.5433	204.0529	1.4298	205.4827	54.1202	1.3257	55.4459		183,048.3927	183,048.3927	7.9677		183,215.7137
Total	123.7843	547.1770	1,530.1752	4.3692	255.3479	9.0321	264.3801	68.7474	8.3192	77.0666		354,062.1493	354,062.1493	9.2513		354,256.4262

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	62.7488	474.9646	667.7538	1.8259	51.2951	7.6023	58.8974	14.6272	6.9935	21.6207		171,013.7566	171,013.7566	1.2836		171,040.7124
Worker	61.0355	72.2124	862.4214	2.5433	204.0529	1.4298	205.4827	54.1202	1.3257	55.4459		183,048.3927	183,048.3927	7.9677		183,215.7137
Total	123.7843	547.1770	1,530.1752	4.3692	255.3479	9.0321	264.3801	68.7474	8.3192	77.0666		354,062.1493	354,062.1493	9.2513		354,256.4262

3.5 Paving - 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
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Category	lb/day										lb/day					
Off-Road	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016		2,339.8984	2,339.8984	0.6986		2,354.5681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016		2,339.8984	2,339.8984	0.6986		2,354.5681

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0694	0.0825	0.9886	1.7700e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		153.2913	153.2913	8.2500e-003		153.4646
Total	0.0694	0.0825	0.9886	1.7700e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		153.2913	153.2913	8.2500e-003		153.4646

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016	0.0000	2,339.8984	2,339.8984	0.6986		2,354.5681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016	0.0000	2,339.8984	2,339.8984	0.6986		2,354.5681
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0694	0.0825	0.9886	1.7700e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		153.2913	153.2913	8.2500e-003		153.4646
Total	0.0694	0.0825	0.9886	1.7700e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		153.2913	153.2913	8.2500e-003		153.4646

3.5 Paving - 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	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601		2,316.3767	2,316.3767	0.6987		2,331.0495
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601		2,316.3767	2,316.3767	0.6987		2,331.0495

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0624	0.0741	0.8874	1.7600e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		148.0657	148.0657	7.5300e-003		148.2238
Total	0.0624	0.0741	0.8874	1.7600e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		148.0657	148.0657	7.5300e-003		148.2238

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0624	0.0741	0.8874	1.7600e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385	148.0657	148.0657	7.5300e-003		148.2238	
Total	0.0624	0.0741	0.8874	1.7600e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385	148.0657	148.0657	7.5300e-003		148.2238	

3.5 Paving - 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	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0556	0.0663	0.7920	1.7600e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		142.4363	142.4363	6.8800e-003		142.5807
Total	0.0556	0.0663	0.7920	1.7600e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		142.4363	142.4363	6.8800e-003		142.5807

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0556	0.0663	0.7920	1.7600e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		142.4363	142.4363	6.8800e-003		142.5807
Total	0.0556	0.0663	0.7920	1.7600e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		142.4363	142.4363	6.8800e-003		142.5807

3.5 Paving - 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	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0499	0.0597	0.7120	1.7600e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		137.1486	137.1486	6.3200e-003		137.2814
Total	0.0499	0.0597	0.7120	1.7600e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		137.1486	137.1486	6.3200e-003		137.2814

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0499	0.0597	0.7120	1.7600e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		137.1486	137.1486	6.3200e-003		137.2814
Total	0.0499	0.0597	0.7120	1.7600e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		137.1486	137.1486	6.3200e-003		137.2814

3.5 Paving - 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	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0456	0.0544	0.6486	1.7600e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385		132.2126	132.2126	5.8800e-003		132.3361
Total	0.0456	0.0544	0.6486	1.7600e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385		132.2126	132.2126	5.8800e-003		132.3361

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499

Mitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0423	0.0501	0.5979	1.7600e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		126.8937	126.8937	5.5200e-003		127.0097
Total	0.0423	0.0501	0.5979	1.7600e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		126.8937	126.8937	5.5200e-003		127.0097

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0423	0.0501	0.5979	1.7600e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		126.8937	126.8937	5.5200e-003		127.0097
Total	0.0423	0.0501	0.5979	1.7600e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		126.8937	126.8937	5.5200e-003		127.0097

3.6 Architectural Coating - 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					
Archit. Coating	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177
Total	615.7945	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	20.0326	23.8136	285.2352	0.5093	40.8144	0.3404	41.1547	10.8250	0.3109	11.1359		44,229.6498	44,229.6498	2.3809		44,279.6482
Total	20.0326	23.8136	285.2352	0.5093	40.8144	0.3404	41.1547	10.8250	0.3109	11.1359		44,229.6498	44,229.6498	2.3809		44,279.6482

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209	0.0000	281.4481	281.4481	0.0367		282.2177
Total	615.7945	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209	0.0000	281.4481	281.4481	0.0367		282.2177

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	20.0326	23.8136	285.2352	0.5093	40.8144	0.3404	41.1547	10.8250	0.3109	11.1359		44,229.6498	44,229.6498	2.3809		44,279.6482
Total	20.0326	23.8136	285.2352	0.5093	40.8144	0.3404	41.1547	10.8250	0.3109	11.1359		44,229.6498	44,229.6498	2.3809		44,279.6482

3.6 Architectural Coating - 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
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Category	lb/day										lb/day						
Archit. Coating	615.3879					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000	
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966			0.1966	0.1966	281.4481	281.4481	0.0332		282.1449	
Total	615.7563	2.3722	1.8839	2.9700e-003		0.1966	0.1966			0.1966	0.1966		281.4481	281.4481	0.0332		282.1449

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	18.0158	21.3645	256.0508	0.5092	40.8144	0.3211	41.1354	10.8250	0.2943	11.1193		42,721.8833	42,721.8833	2.1731		42,767.5185
Total	18.0158	21.3645	256.0508	0.5092	40.8144	0.3211	41.1354	10.8250	0.2943	11.1193		42,721.8833	42,721.8833	2.1731		42,767.5185

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	615.3879					0.0000	0.0000			0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966			0.1966	0.0000	281.4481	281.4481	0.0332		282.1449

Total	615.7563	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	18.0158	21.3645	256.0508	0.5092	40.8144	0.3211	41.1354	10.8250	0.2943	11.1193		42,721.8833	42,721.8833	2.1731		42,767.5185
Total	18.0158	21.3645	256.0508	0.5092	40.8144	0.3211	41.1354	10.8250	0.2943	11.1193		42,721.8833	42,721.8833	2.1731		42,767.5185

3.6 Architectural Coating - 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					
Archit. Coating	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	615.7202	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	16.0407	19.1207	228.5051	0.5090	40.8144	0.3059	41.1203	10.8250	0.2817	11.1067		41,097.6201	41,097.6201	1.9841		41,139.2858
Total	16.0407	19.1207	228.5051	0.5090	40.8144	0.3059	41.1203	10.8250	0.2817	11.1067		41,097.6201	41,097.6201	1.9841		41,139.2858

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	615.7202	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	16.0407	19.1207	228.5051	0.5090	40.8144	0.3059	41.1203	10.8250	0.2817	11.1067	41,097.620 1	41,097.6201	1.9841		41,139.2858	
Total	16.0407	19.1207	228.5051	0.5090	40.8144	0.3059	41.1203	10.8250	0.2817	11.1067		41,097.620 1	41,097.6201	1.9841	41,139.2858	

3.6 Architectural Coating - 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					
Archit. Coating	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	615.6865	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	14.3991	17.2290	205.4338	0.5088	40.8144	0.2958	41.1101	10.8250	0.2734	11.0984		39,571.9356	39,571.9356	1.8247		39,610.2548
Total	14.3991	17.2290	205.4338	0.5088	40.8144	0.2958	41.1101	10.8250	0.2734	11.0984		39,571.9356	39,571.9356	1.8247		39,610.2548

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	615.6865	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	14.3991	17.2290	205.4338	0.5088	40.8144	0.2958	41.1101	10.8250	0.2734	11.0984		39,571.9356	39,571.9356	1.8247		39,610.2548
Total	14.3991	17.2290	205.4338	0.5088	40.8144	0.2958	41.1101	10.8250	0.2734	11.0984		39,571.9356	39,571.9356	1.8247		39,610.2548

3.6 Architectural Coating - 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					
Archit. Coating	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473
Total	615.6543	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	13.1485	15.6927	187.1271	0.5088	40.8144	0.2895	41.1038	10.8250	0.2682	11.0933		38,147.7514	38,147.7514	1.6962		38,183.3710
Total	13.1485	15.6927	187.1271	0.5088	40.8144	0.2895	41.1038	10.8250	0.2682	11.0933		38,147.7514	38,147.7514	1.6962		38,183.3710

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Archit. Coating	615.3879					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.1288	0.0000	281.4481	281.4481	0.0238	281.9473
Total	615.6543	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.1288	0.0000	281.4481	281.4481	0.0238	281.9473

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	13.1485	15.6927	187.1271	0.5088	40.8144	0.2895	41.1038	10.8250	0.2682	11.0933		38,147.7514	38,147.7514	1.6962		38,183.3710
Total	13.1485	15.6927	187.1271	0.5088	40.8144	0.2895	41.1038	10.8250	0.2682	11.0933		38,147.7514	38,147.7514	1.6962		38,183.3710

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	615.3879					0.0000	0.0000			0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109			0.1109		281.4481	281.4481	0.0218		281.9057

Total	615.6301	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	12.2082	14.4438	172.5002	0.5087	40.8144	0.2860	41.1003	10.8250	0.2652	11.0902		36,613.0624	36,613.0624	1.5937		36,646.5297
Total	12.2082	14.4438	172.5002	0.5087	40.8144	0.2860	41.1003	10.8250	0.2652	11.0902		36,613.0624	36,613.0624	1.5937		36,646.5297

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9057
Total	615.6301	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9057

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	12.2082	14.4438	172.5002	0.5087	40.8144	0.2860	41.1003	10.8250	0.2652	11.0902		36,613.0624	36,613.0624	1.5937		36,646.5297
Total	12.2082	14.4438	172.5002	0.5087	40.8144	0.2860	41.1003	10.8250	0.2652	11.0902		36,613.0624	36,613.0624	1.5937		36,646.5297

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2,723.9157	4,535.3024	23,077.2920	35.4951	2,396.3406	62.8495	2,459.1902	639.9370	57.6095	697.5465		3,268,765.7036	3,268,765.7036	164.0802		3,272,211.3868
Unmitigated	2,723.9157	4,535.3024	23,077.2920	35.4951	2,396.3406	62.8495	2,459.1902	639.9370	57.6095	697.5465		3,268,765.7036	3,268,765.7036	164.0802		3,272,211.3868

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	9,384.16	10,195.84	8643.68	20,971,586	20,971,586

General Light Industry	7,011.12	1,327.79	684.01	15,459,819	15,459,819
General Light Industry	1,852.63	350.86	180.74	4,085,118	4,085,118
General Office Building	4,580.16	985.92	407.68	8,293,944	8,293,944
Hotel	4,085.00	4,095.00	2975.00	7,462,657	7,462,657
Junior College (2Yr)	6,000.00	2,100.00	200.00	11,718,149	11,718,149
Place of Worship	2,535.31	2,885.97	10194.13	6,883,237	6,883,237
Place of Worship	39,883.58	45,399.86	160366.14	108,281,751	108,281,751
Regional Shopping Center	30,470.22	35,458.71	17910.30	51,527,158	51,527,158
Regional Shopping Center	85,227.31	99,180.46	50096.35	144,125,005	144,125,005
Regional Shopping Center	1,344.02	1,564.06	790.01	2,272,830	2,272,830
Single Family Housing	153,598.50	161,784.00	140758.50	341,403,712	341,403,712
Automobile Care Center	9,107.80	9,107.80	9107.80	9,073,064	9,073,064
Bank (with Drive-Through)	3,481.53	2,028.52	749.65	2,667,339	2,667,339
Congregate Care (Assisted Living)	1,096.00	880.00	976.00	2,339,520	2,339,520
Convenience Market With Gas Pumps	57,162.56	97,907.11	79908.61	35,527,471	35,527,471
Elementary School	385.75	0.00	0.00	607,539	607,539
Fast Food Restaurant with Drive Thru	10,914.64	15,884.66	11939.84	10,998,033	10,998,033
Golf Course	2,852.14	3,293.54	3327.49	5,391,300	5,391,300
Government (Civic Center)	6,011.18	0.00	0.00	8,207,990	8,207,990
High Turnover (Sit Down Restaurant)	1,907.25	2,375.55	1977.60	2,302,197	2,302,197
Medical Office Building	7,608.98	1,886.98	326.43	11,256,506	11,256,506
Movie Theater (No Matinee)	944.00	944.00	944.00	1,777,549	1,777,549
Quality Restaurant	1,331.26	1,396.53	1067.97	1,545,541	1,545,541
Racquet Club	984.61	624.01	799.23	1,542,112	1,542,112
Recreational Swimming Pool	2,772.71	1,757.25	2250.67	4,614,102	4,614,102
Supermarket	1,165.54	2,024.53	1897.42	1,584,235	1,584,235
Total	453,697.94	505,438.94	508,479.25	821,919,464	821,919,464

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1
Place of Worship	9.50	7.30	7.30	0.00	95.00	5.00	64	25	11
Place of Worship	9.50	7.30	7.30	0.00	95.00	5.00	64	25	11
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11

Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Single Family Housing	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3
Automobile Care Center	9.50	7.30	7.30	33.00	48.00	19.00	21	51	28
Bank (with Drive-Through)	9.50	7.30	7.30	6.60	74.40	19.00	27	26	47
Congregate Care (Assisted Living)	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3
Convenience Market With Gas	9.50	7.30	7.30	0.80	80.20	19.00	14	21	65
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Fast Food Restaurant with Drive	9.50	7.30	7.30	2.20	78.80	19.00	29	21	50
Golf Course	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9
Government (Civic Center)	9.50	7.30	7.30	75.00	20.00	5.00	50	34	16
High Turnover (Sit Down Restaurant)	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Medical Office Building	9.50	7.30	7.30	29.60	51.40	19.00	60	30	10
Movie Theater (No Matinee)	9.50	7.30	7.30	1.80	79.20	19.00	66	17	17
Quality Restaurant	9.50	7.30	7.30	12.00	69.00	19.00	38	18	44
Racquet Club	9.50	7.30	7.30	11.50	69.50	19.00	52	39	9
Recreational Swimming Pool	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9
Supermarket	9.50	7.30	7.30	6.50	74.50	19.00	34	30	36

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.526919	0.065238	0.176274	0.147663	0.036918	0.004962	0.009404	0.019426	0.001222	0.001497	0.006279	0.002142	0.002057

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
	Natural Gas Mitigated:	24.3905	212.3054	117.1291	1.3304		16.8516	16.8516		16.8516	16.8516		266,077.9483	266,077.9483	5.0998	4.8781
Natural Gas Unmitigated	24.3905	212.3054	117.1291	1.3304		16.8516	16.8516		16.8516	16.8516		266,077.9483	266,077.9483	5.0998	4.8781	267,697.2543

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	CO
Land Use	kBTU/yr	lb/day										lb/day					
Automobile Care Center	11031.6	0.1190	1.0815	0.9085	6.4900e-003		0.0822	0.0822		0.0822	0.0822		1,297.8337	1,297.8337	0.0249	0.0238	1,305.2
Bank (with Drive-Through)	1764.75	0.0190	0.1730	0.1453	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.6181	207.6181	3.9800e-003	3.8100e-003	208.6
Congregate Care (Assisted Living)	8906.98	0.0961	0.8208	0.3493	5.2400e-003		0.0664	0.0664		0.0664	0.0664		1,047.8801	1,047.8801	0.0201	0.0192	1,054.8
Convenience Market With Gas Pumps	461.162	4.9700e-003	0.0452	0.0380	2.7000e-004		3.4400e-003	3.4400e-003		3.4400e-003	3.4400e-003		54.2543	54.2543	1.0400e-003	9.9000e-004	54.5
Elementary School	1326.03	0.0143	0.1300	0.1092	7.8000e-004		9.8800e-003	9.8800e-003		9.8800e-003	9.8800e-003		156.0032	156.0032	2.9900e-003	2.8600e-003	156.5
Fast Food Restaurant with Drive-Thru	12720.2	0.1372	1.2471	1.0476	7.4800e-003		0.0948	0.0948		0.0948	0.0948		1,496.4964	1,496.4964	0.0287	0.0274	1,505.2
General Light Industry	19960.5	0.2153	1.9569	1.6438	0.0117		0.1487	0.1487		0.1487	0.1487		2,348.2927	2,348.2927	0.0450	0.0431	2,362.2
General Light Industry	75539	0.8146	7.4058	6.2209	0.0444		0.5628	0.5628		0.5628	0.5628		8,886.9360	8,886.9360	0.1703	0.1629	8,941.2
General Office Building	19626.1	0.2117	1.9241	1.6163	0.0115		0.1462	0.1462		0.1462	0.1462		2,308.9509	2,308.9509	0.0443	0.0423	2,323.2
Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.00
Government (Civic Center)	10157.4	0.1095	0.9958	0.8365	5.9700e-003		0.0757	0.0757		0.0757	0.0757		1,194.9931	1,194.9931	0.0229	0.0219	1,202.2
High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.00

High Turnover (Sit Down Restaurant)	8672.88	0.0935	0.8503	0.7142	5.1000e-003	0.0646	0.0646	0.0646	0.0646	1,020.3384	1,020.3384	0.0196	0.0187	1,026.
Hotel	92251.7	0.9949	9.0443	7.5972	0.0543	0.6874	0.6874	0.6874	0.6874	10,853.1442	10,853.1442	0.2080	0.1990	10,919
Junior College (2Yr)	15081	0.1626	1.4785	1.2420	8.8700e-003	0.1124	0.1124	0.1124	0.1124	1,774.2296	1,774.2296	0.0340	0.0325	1,785.
Junior High School	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00
Medical Office Building	9935.7	0.1072	0.9741	0.8182	5.8400e-003	0.0740	0.0740	0.0740	0.0740	1,168.9064	1,168.9064	0.0224	0.0214	1,176.
Movie Theater (No Matinee)	886.132	9.5600e-003	0.0869	0.0730	5.2000e-004	6.6000e-003	6.6000e-003	6.6000e-003	6.6000e-003	104.2508	104.2508	2.0000e-003	1.9100e-003	104.8
Place of Worship	20899.2	0.2254	2.0489	1.7211	0.0123	0.1557	0.1557	0.1557	0.1557	2,458.7278	2,458.7278	0.0471	0.0451	2,473.
Place of Worship	328770	3.5456	32.2323	27.0752	0.1934	2.4497	2.4497	2.4497	2.4497	38,678.8010	38,678.8010	0.7413	0.7091	38,914
Quality Restaurant	8557.24	0.0923	0.8389	0.7047	5.0300e-003	0.0638	0.0638	0.0638	0.0638	1,006.7339	1,006.7339	0.0193	0.0185	1,012.
Racquet Club	2245.37	0.0242	0.2201	0.1849	1.3200e-003	0.0167	0.0167	0.0167	0.0167	264.1608	264.1608	5.0600e-003	4.8400e-003	265.7
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00
Regional Shopping Center	13540.1	0.1460	1.3275	1.1151	7.9600e-003	0.1009	0.1009	0.1009	0.1009	1,592.9579	1,592.9579	0.0305	0.0292	1,602.
Regional Shopping Center	213.526	2.3000e-003	0.0209	0.0176	1.3000e-004	1.5900e-003	1.5900e-003	1.5900e-003	1.5900e-003	25.1207	25.1207	4.8000e-004	4.6000e-004	25.2
Regional Shopping Center	4840.83	0.0522	0.4746	0.3987	2.8500e-003	0.0361	0.0361	0.0361	0.0361	569.5098	569.5098	0.0109	0.0104	572.8
Single Family Housing	1.55148e+006	16.7317	142.9799	60.8425	0.9126	11.5601	11.5601	11.5601	11.5601	182,527.4804	182,527.4804	3.4984	3.3463	183,632
Supermarket	729.288	7.8600e-003	0.0715	0.0601	4.3000e-004	5.4300e-003	5.4300e-003	5.4300e-003	5.4300e-003	85.7986	85.7986	1.6400e-003	1.5700e-003	86.3
Apartments Low Rise	42062.5	0.4536	3.8764	1.6495	0.0247	0.3134	0.3134	0.3134	0.3134	4,948.5297	4,948.5297	0.0949	0.0907	4,978.
Total		24.3905	212.3054	117.1291	1.3304	16.8516	16.8516	16.8516	16.8516	266,077.9483	266,077.9483	5.0998	4.8781	267,693

Mitigated

	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	CO
Land Use	kBTU/yr	lb/day										lb/day					
Automobile Care Center	11.0316	0.1190	1.0815	0.9085	6.4900e-003		0.0822	0.0822		0.0822	0.0822		1,297.8337	1,297.8337	0.0249	0.0238	1,305.
Bank (with Drive-Through)	1.76475	0.0190	0.1730	0.1453	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.6181	207.6181	3.9800e-003	3.8100e-003	208.8
Congregate Care (Assisted Living)	8.90698	0.0961	0.8208	0.3493	5.2400e-003		0.0664	0.0664		0.0664	0.0664		1,047.8801	1,047.8801	0.0201	0.0192	1,054.
Convenience Market With Gas Pumps	0.461162	4.9700e-003	0.0452	0.0380	2.7000e-004		3.4400e-003	3.4400e-003		3.4400e-003	3.4400e-003		54.2543	54.2543	1.0400e-003	9.9000e-004	54.5
Elementary School	1.32603	0.0143	0.1300	0.1092	7.8000e-004		9.8800e-003	9.8800e-003		9.8800e-003	9.8800e-003		156.0032	156.0032	2.9900e-003	2.8600e-003	156.8
Fast Food Restaurant with Drive-Through	12.7202	0.1372	1.2471	1.0476	7.4800e-003		0.0948	0.0948		0.0948	0.0948		1,496.4964	1,496.4964	0.0287	0.0274	1,505.
General Light Industry	19.9605	0.2153	1.9569	1.6438	0.0117		0.1487	0.1487		0.1487	0.1487		2,348.2927	2,348.2927	0.0450	0.0431	2,362.
General Light Industry	75.539	0.8146	7.4058	6.2209	0.0444		0.5628	0.5628		0.5628	0.5628		8,886.9360	8,886.9360	0.1703	0.1629	8,941.
General Office Building	19.6261	0.2117	1.9241	1.6163	0.0115		0.1462	0.1462		0.1462	0.1462		2,308.9509	2,308.9509	0.0443	0.0423	2,323.
Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.00
Government (Civic Center)	10.1574	0.1095	0.9958	0.8365	5.9700e-003		0.0757	0.0757		0.0757	0.0757		1,194.9931	1,194.9931	0.0229	0.0219	1,202.
High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.00
High Turnover (Sit Down Restaurant)	8.67288	0.0935	0.8503	0.7142	5.1000e-003		0.0646	0.0646		0.0646	0.0646		1,020.3384	1,020.3384	0.0196	0.0187	1,026.
Hotel	92.2517	0.9949	9.0443	7.5972	0.0543		0.6874	0.6874		0.6874	0.6874		10,853.1442	10,853.1442	0.2080	0.1990	10,919.
Junior College (2Yr)	15.081	0.1626	1.4785	1.2420	8.8700e-003		0.1124	0.1124		0.1124	0.1124		1,774.2296	1,774.2296	0.0340	0.0325	1,785.
Junior High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.00
Medical Office Building	9.9357	0.1072	0.9741	0.8182	5.8400e-003		0.0740	0.0740		0.0740	0.0740		1,168.9064	1,168.9064	0.0224	0.0214	1,176.
Movie Theater (No Matinee)	0.886132	9.5600e-003	0.0869	0.0730	5.2000e-004		6.6000e-003	6.6000e-003		6.6000e-003	6.6000e-003		104.2508	104.2508	2.0000e-003	1.9100e-003	104.8
Place of Worship	20.8992	0.2254	2.0489	1.7211	0.0123		0.1557	0.1557		0.1557	0.1557		2,458.7278	2,458.7278	0.0471	0.0451	2,473.
Place of Worship	328.77	3.5456	32.2323	27.0752	0.1934		2.4497	2.4497		2.4497	2.4497		38,678.8010	38,678.8010	0.7413	0.7091	38,914.

Quality Restaurant	8.55724	0.0923	0.8389	0.7047	5.0300e-003		0.0638	0.0638		0.0638	0.0638		1,006.7339	1,006.7339	0.0193	0.0185	1,012.
Racquet Club	2.24537	0.0242	0.2201	0.1849	1.3200e-003		0.0167	0.0167		0.0167	0.0167		264.1608	264.1608	5.0600e-003	4.8400e-003	265.7
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.00
Regional Shopping Center	0.213526	2.3000e-003	0.0209	0.0176	1.3000e-004		1.5900e-003	1.5900e-003		1.5900e-003	1.5900e-003		25.1207	25.1207	4.8000e-004	4.6000e-004	25.2
Regional Shopping Center	13.5401	0.1460	1.3275	1.1151	7.9600e-003		0.1009	0.1009		0.1009	0.1009		1,592.9579	1,592.9579	0.0305	0.0292	1,602.
Regional Shopping Center	4.84083	0.0522	0.4746	0.3987	2.8500e-003		0.0361	0.0361		0.0361	0.0361		569.5098	569.5098	0.0109	0.0104	572.9
Single Family Housing	1551.48	16.7317	142.9799	60.8425	0.9126		11.5601	11.5601		11.5601	11.5601		182,527.4804	182,527.4804	3.4984	3.3463	183,632
Supermarket	0.729288	7.8600e-003	0.0715	0.0601	4.3000e-004		5.4300e-003	5.4300e-003		5.4300e-003	5.4300e-003		85.7986	85.7986	1.6400e-003	1.5700e-003	86.3
Apartments Low Rise	42.0625	0.4536	3.8764	1.6495	0.0247		0.3134	0.3134		0.3134	0.3134		4,948.5297	4,948.5297	0.0949	0.0907	4,978.
Total		24.3905	212.3054	117.1291	1.3304		16.8516	16.8516		16.8516	16.8516		266,077.9483	266,077.9483	5.0998	4.8781	267,693

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1,726.5484	17.9244	1,514.5014	0.0780		35.1104	35.1104		34.8253	34.8253	0.0000	430,281.9864	430,281.9864	11.0377	7.8398	432,944.1031

Unmitigated	31,087.8600	406.5398	37,131.0155	12.0048		4,997.7424	4,997.7424		4,997.5804	4,997.5804	518,227.2626	245,534.8570	763,762.1196	418.9729	42.4122	785,708.3271
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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	220.0222					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1,417.8905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	29,400.5104	388.6172	35,618.6522	11.9269		4,989.7147	4,989.7147		4,989.5528	4,989.5528	518,227.2626	242,876.1177	761,103.3802	416.1314	42.4122	782,989.9148
Landscaping	49.4369	17.9226	1,512.3633	0.0780		8.0276	8.0276		8.0276	8.0276		2,658.7394	2,658.7394	2.8416		2,718.4123
Total	31,087.8600	406.5398	37,131.0155	12.0048		4,997.7424	4,997.7424		4,997.5804	4,997.5804	518,227.2626	245,534.8570	763,762.1196	418.9729	42.4122	785,708.3271

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	220.0222					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1,417.8905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	39.1988	1.7800e-003	2.1381	0.0000		27.0828	27.0828		26.7977	26.7977	0.0000	427,623.2471	427,623.2471	8.1961	7.8398	430,225.6909

Landscaping	49.4369	17.9226	1,512.363 3	0.0780		8.0276	8.0276		8.0276	8.0276		2,658.7394	2,658.7394	2.8416		2,718.4123
Total	1,726.5484	17.9244	1,514.501 4	0.0780		35.1104	35.1104		34.8253	34.8253	0.0000	430,281.98 64	430,281.986 4	11.0377	7.8398	432,944.103 1

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

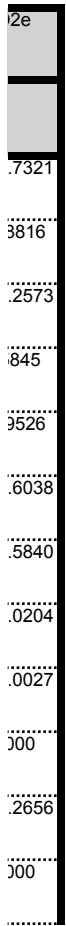
Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Vegetation

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3757

38.312

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.207

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17.254

3

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	ROG	NOx	PM10 Total	PM2.5 Total
Category				
Area	31,087.86	406.5398	4,997.7424	4,997.5804
Energy	24.3905	212.3054	16.8516	16.8516
Mobile	2,723.9157	4,535.3024	2,459.1902	697.5465
Total	33,836.1662	5,154.1476	7,473.7841	5,711.9785

Mitigated Operational

	ROG	NOx	PM10 Total	PM2.5 Total
Category				
Area	1,726.5484	17.9244	35.1104	34.8253
Energy	24.3905	212.3054	16.8516	16.8516
Mobile	2,723.9157	4,535.3024	2,459.1902	697.5465
Total	4,474.8546	4,765.5322	2,511.1522	749.2234

**Brentwood General Plan Update
Contra Costa County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	416.00	1000sqft	9.55	416,000.00	0
Junior College (2Yr)	5,000.00	Student	5.01	218,261.19	0
Place of Worship	278.30	1000sqft	6.39	278,300.00	0
General Light Industry	1,005.90	1000sqft	23.09	1,005,900.00	0
General Light Industry	265.80	1000sqft	6.10	265,800.00	0
Hotel	500.00	Room	16.67	726,000.00	0
Apartments Low Rise	1,424.00	Dwelling Unit	89.00	1,424,000.00	4073
Single Family Housing	16,050.00	Dwelling Unit	5,211.04	28,890,000.00	45903
Regional Shopping Center	709.60	1000sqft	16.29	709,600.00	0
Regional Shopping Center	1,984.80	1000sqft	45.56	1,984,800.00	0
Automobile Care Center	146.90	1000sqft	3.37	146,900.00	0
Movie Theater (No Matinee)	11.80	1000sqft	0.27	11,800.00	0
Supermarket	11.40	1000sqft	0.26	11,400.00	0
Golf Course	565.90	Acre	565.90	24,650,604.00	0
Fast Food Restaurant with Drive Thru	22.00	1000sqft	0.51	22,000.00	0
High Turnover (Sit Down Restaurant)	15.00	1000sqft	0.34	15,000.00	0
Racquet Club	29.90	1000sqft	0.69	29,900.00	0
Quality Restaurant	14.80	1000sqft	0.34	14,800.00	0
Medical Office Building	210.60	1000sqft	4.83	210,600.00	0
Convenience Market With Gas Pumps	67.60	1000sqft	1.55	67,600.00	0
Bank (with Drive-Through)	23.50	1000sqft	0.54	23,500.00	0

Regional Shopping Center	31.30	1000sqft	0.72	31,300.00	0
Recreational Swimming Pool	84.20	1000sqft	1.93	84,200.00	0
Elementary School	25.00	1000sqft	0.57	25,000.00	0
Junior High School	25.00		0.00		0
High School	25.00		0.00		0
Government (Civic Center)	215.30	1000sqft	4.94	215,300.00	0
Congregate Care (Assisted Living)	400.00	Dwelling Unit	25.00	400,000.00	1144
Place of Worship	4,378.00	1000sqft	100.51	4,378,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2014
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Acreage, square feet, and population estimates are left at default model rates. Unit amounts are adjusted consistent with the traffic assumptions.

Construction Phase - Construction schedule assumes start date of 1/1/2015. Construction phases overlap.

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	155,000.00	1,305.00

tblConstructionPhase	NumDays	15,500.00	1,305.00
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	6,000.00	1,305.00
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/2/2020	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2015	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblGrading	AcresOfGrading	3,262.50	38,750.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2015	876.1071	1,272.9320	3,255.6438	4.7677	352.2578	27.0997	379.3575	96.3539	24.9682	121.3221	0.0000	442,231.5498	442,231.5498	20.5741	0.0000	442,663.6050
2016	842.2358	1,071.5040	2,933.4581	4.7206	334.0267	20.4457	354.4723	86.3802	18.8499	105.2301	0.0000	427,421.5201	427,421.5201	17.8755	0.0000	427,796.9051
2017	820.5177	964.0979	2,700.0131	4.7155	334.0308	18.2070	352.2379	86.3818	16.7938	103.1755	0.0000	415,310.3365	415,310.3365	16.6494	0.0000	415,659.9743
2018	796.0445	867.4378	2,474.1045	4.7091	334.0206	16.3731	350.3937	86.3775	15.1097	101.4872	0.0000	403,632.6408	403,632.6408	15.6541	0.0000	403,961.3773
2019	780.7967	790.2727	2,313.2848	4.7050	334.0097	15.0394	349.0491	86.3728	13.8824	100.2552	0.0000	392,625.0782	392,625.0782	14.8359	0.0000	392,936.6322

2020	768.8001	687.7786	2,185.9703	4.7016	334.0044	13.6161	347.6204	86.3704	12.5700	98.9404	0.0000	380,042.7299	380,042.7299	14.1707	0.0000	380,340.3138
Total	4,884.5017	5,654.0230	15,862.4746	28.3195	2,022.3499	110.7811	2,133.1310	528.2366	102.1739	630.4105	0.0000	2,461,263.8552	2,461,263.8552	99.7596	0.0000	2,463,358.8077

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					
2015	876.1071	1,272.9320	3,255.6438	4.7677	321.6897	27.0997	348.7895	87.2013	24.9682	112.1695	0.0000	442,231.5498	442,231.5498	20.5741	0.0000	442,663.6050
2016	842.2358	1,071.5040	2,933.4581	4.7206	313.3950	20.4457	333.8407	82.6895	18.8499	101.5394	0.0000	427,421.5201	427,421.5201	17.8755	0.0000	427,796.9051
2017	820.5177	964.0979	2,700.0131	4.7155	313.3992	18.2070	331.6062	82.6910	16.7938	99.4848	0.0000	415,310.3365	415,310.3365	16.6494	0.0000	415,659.9743
2018	796.0445	867.4378	2,474.1045	4.7091	313.3890	16.3731	329.7621	82.6868	15.1097	97.7965	0.0000	403,632.6408	403,632.6408	15.6541	0.0000	403,961.3773
2019	780.7967	790.2727	2,313.2848	4.7050	313.3780	15.0394	328.4175	82.6820	13.8824	96.5644	0.0000	392,625.0782	392,625.0782	14.8359	0.0000	392,936.6322
2020	768.8001	687.7786	2,185.9703	4.7016	313.3728	13.6161	326.9888	82.6797	12.5700	95.2497	0.0000	380,042.7298	380,042.7298	14.1707	0.0000	380,340.3138
Total	4,884.5017	5,654.0230	15,862.4746	28.3195	1,888.6237	110.7811	1,999.4048	500.6304	102.1739	602.8043	0.0000	2,461,263.8552	2,461,263.8552	99.7596	0.0000	2,463,358.8076

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	6.61	0.00	6.27	5.23	0.00	4.38	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Area	31,087.8600	406.5398	37,131.0155	12.0048		4,997.7424	4,997.7424		4,997.5804	4,997.5804	518,227.2626	245,534.8570	763,762.1196	418.9729	42.4122	785,708.3271
Energy	24.3905	212.3054	117.1291	1.3304		16.8516	16.8516		16.8516	16.8516		266,077.9483	266,077.9483	5.0998	4.8781	267,697.2543
Mobile	2,786.4044	5,080.4635	26,666.9830	32.8689	2,396.3406	63.4995	2,459.8402	639.9370	58.2075	698.1445		3,024,436.9680	3,024,436.9680	164.2010		3,027,885.1899
Total	33,898.6548	5,699.3087	63,915.1276	46.2041	2,396.3406	5,078.0935	7,474.4341	639.9370	5,072.6395	5,712.5765	518,227.2626	3,536,049.7733	4,054,277.0359	588.2738	47.2903	4,081,290.7713

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	1,726.5484	17.9244	1,514.5014	0.0780		35.1104	35.1104		34.8253	34.8253	0.0000	430,281.9864	430,281.9864	11.0377	7.8398	432,944.1031
Energy	24.3905	212.3054	117.1291	1.3304		16.8516	16.8516		16.8516	16.8516		266,077.9483	266,077.9483	5.0998	4.8781	267,697.2543
Mobile	2,786.4044	5,080.4635	26,666.9830	32.8689	2,396.3406	63.4995	2,459.8402	639.9370	58.2075	698.1445		3,024,436.9680	3,024,436.9680	164.2010		3,027,885.1899
Total	4,537.3433	5,310.6933	28,298.6135	34.2772	2,396.3406	115.4616	2,511.8022	639.9370	109.8844	749.8214	0.0000	3,720,796.9027	3,720,796.9027	180.3386	12.7179	3,728,526.5473

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	86.61	6.82	55.72	25.81	0.00	97.73	66.39	0.00	97.83	86.87	100.00	-5.22	8.23	69.34	73.11	8.64

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
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1	Site Preparation	Site Preparation	1/1/2015	1/1/2015	5	1305
2	Grading	Grading	1/1/2015	1/1/2020	5	1305
3	Building Construction	Building Construction	1/1/2015	1/1/2020	5	1305
4	Paving	Paving	1/1/2015	1/1/2020	5	1305
5	Architectural Coating	Architectural Coating	1/1/2015	1/1/2020	5	1305

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 38750

Acres of Paving: 0

Residential Indoor: 62,195,850; Residential Outdoor: 20,731,950; Non-Residential Indoor: 53,313,848; Non-Residential Outdoor: 17,771,283

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0812	0.1223	1.1401	1.9200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		166.8574	166.8574	9.9000e-003		167.0654
Total	0.0812	0.1223	1.1401	1.9200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		166.8574	166.8574	9.9000e-003		167.0654

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	5.2609	56.8897	42.6318	0.0391		3.0883	3.0883		2.8412	2.8412	0.0000	4,111.7444	4,111.7444	1.2275		4,137.5224
Total	5.2609	56.8897	42.6318	0.0391	8.1298	3.0883	11.2181	4.4688	2.8412	7.3100	0.0000	4,111.7444	4,111.7444	1.2275		4,137.5224

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0812	0.1223	1.1401	1.9200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		166.8574	166.8574	9.9000e-003		167.0654
Total	0.0812	0.1223	1.1401	1.9200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		166.8574	166.8574	9.9000e-003		167.0654

3.3 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					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980		6,486.2433	6,486.2433	1.9364		6,526.9080
Total	6.7751	79.0467	50.8400	0.0618	37.5120	3.8022	41.3142	6.7104	3.4980	10.2084		6,486.2433	6,486.2433	1.9364		6,526.9080

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0903	0.1359	1.2668	2.1300e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		185.3971	185.3971	0.0110		185.6282
Total	0.0903	0.1359	1.2668	2.1300e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		185.3971	185.3971	0.0110		185.6282

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080
Total	6.7751	79.0467	50.8400	0.0618	16.8804	3.8022	20.6826	3.0197	3.4980	6.5177	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0903	0.1359	1.2668	2.1300e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		185.3971	185.3971	0.0110		185.6282
Total	0.0903	0.1359	1.2668	2.1300e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		185.3971	185.3971	0.0110		185.6282

3.3 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
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Category	lb/day										lb/day				
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000		0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350	6,455.6154
Total	6.4795	74.8137	49.1374	0.0617	37.5120	3.5842	41.0963	6.7104	3.2975	10.0079		6,414.9807	6,414.9807	1.9350	6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0805	0.1219	1.1287	2.1300e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		179.0522	179.0522	0.0100		179.2631
Total	0.0805	0.1219	1.1287	2.1300e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		179.0522	179.0522	0.0100		179.2631

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Total	6.4795	74.8137	49.1374	0.0617	16.8804	3.5842	20.4647	3.0197	3.2975	6.3172	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0805	0.1219	1.1287	2.1300e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		179.0522	179.0522	0.0100		179.2631
Total	0.0805	0.1219	1.1287	2.1300e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		179.0522	179.0522	0.0100		179.2631

3.3 Grading - 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					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	6.0991	69.5920	46.8050	0.0617	37.5120	3.3172	40.8292	6.7104	3.0518	9.7622		6,313.3690	6,313.3690	1.9344		6,353.9915

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0709	0.1091	0.9976	2.1300e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513		172.2178	172.2178	9.1700e-003		172.4103
Total	0.0709	0.1091	0.9976	2.1300e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513		172.2178	172.2178	9.1700e-003		172.4103

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518	0.0000	6,313.3690	6,313.3690	1.9344		6,353.9915
Total	6.0991	69.5920	46.8050	0.0617	16.8804	3.3172	20.1976	3.0197	3.0518	6.0715	0.0000	6,313.3690	6,313.3690	1.9344		6,353.9915

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0709	0.1091	0.9976	2.1300e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513		172.2178	172.2178	9.1700e-003		172.4103
Total	0.0709	0.1091	0.9976	2.1300e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513		172.2178	172.2178	9.1700e-003		172.4103

3.3 Grading - 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					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650		6,212.8042	6,212.8042	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	37.5120	2.7880	40.3001	6.7104	2.5650	9.2754		6,212.8042	6,212.8042	1.9341		6,253.4209

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0629	0.0983	0.8885	2.1300e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		165.8045	165.8045	8.4300e-003		165.9816
Total	0.0629	0.0983	0.8885	2.1300e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		165.8045	165.8045	8.4300e-003		165.9816

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	16.8804	2.7880	19.6684	3.0197	2.5650	5.5847	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0629	0.0983	0.8885	2.1300e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		165.8045	165.8045	8.4300e-003		165.9816
Total	0.0629	0.0983	0.8885	2.1300e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		165.8045	165.8045	8.4300e-003		165.9816

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	37.5120	2.5049	40.0170	6.7104	2.3045	9.0149		6,111.3121	6,111.3121	1.9336		6,151.9167

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0571	0.0896	0.8030	2.1300e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		159.8195	159.8195	7.8400e-003		159.9841
Total	0.0571	0.0896	0.8030	2.1300e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		159.8195	159.8195	7.8400e-003		159.9841

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	16.8804	2.5049	19.3853	3.0197	2.3045	5.3242	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0571	0.0896	0.8030	2.1300e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		159.8195	159.8195	7.8400e-003		159.9841
Total	0.0571	0.0896	0.8030	2.1300e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		159.8195	159.8195	7.8400e-003		159.9841

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810		5,977.7088	5,977.7088	1.9333		6,018.3084

Total	4.5501	49.3839	38.4257	0.0617	37.5120	2.2619	39.7740	6.7104	2.0810	8.7914		5,977.7088	5,977.7088	1.9333		6,018.3084
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0528	0.0824	0.7363	2.1300e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		153.3740	153.3740	7.3600e-003		153.5286
Total	0.0528	0.0824	0.7363	2.1300e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		153.3740	153.3740	7.3600e-003		153.5286

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084
Total	4.5501	49.3839	38.4257	0.0617	16.8804	2.2619	19.1424	3.0197	2.0810	5.1007	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084

Mitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	124.8607	902.4734	1,478.5024	1.8379	51.3125	14.4106	65.7231	14.6351	13.2472	27.8823		185,130.2604	185,130.2604	1.6868		185,165.6827
Worker	97.6655	146.9862	1,370.5524	2.3094	204.0529	1.7017	205.7546	54.1202	1.5542	55.6743		200,581.1399	200,581.1399	11.9033		200,831.1089
Total	222.5262	1,049.4596	2,849.0549	4.1472	255.3653	16.1123	271.4777	68.7552	14.8014	83.5566		385,711.4003	385,711.4003	13.5901		385,996.7916

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904	0.0000	2,689.5771	2,689.5771	0.6748		2,703.7483
Total	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904	0.0000	2,689.5771	2,689.5771	0.6748		2,703.7483

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	124.8607	902.4734	1,478.5024	1.8379	51.3125	14.4106	65.7231	14.6351	13.2472	27.8823		185,130.2604	185,130.2604	1.6868		185,165.6827

Worker	97.6655	146.9862	1,370.552 4	2.3094	204.0529	1.7017	205.7546	54.1202	1.5542	55.6743		200,581.13 99	200,581.139 9	11.9033		200,831.108 9
Total	222.5262	1,049.4596	2,849.054 9	4.1472	255.3653	16.1123	271.4777	68.7552	14.8014	83.5566		385,711.40 03	385,711.400 3	13.5901		385,996.791 6

3.4 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	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	109.8686	784.9571	1,381.742 3	1.8336	51.3173	11.5076	62.8249	14.6371	10.5792	25.2162		182,962.63 52	182,962.635 2	1.4914		182,993.953 8
Worker	87.0775	131.8774	1,221.143 7	2.3079	204.0529	1.6052	205.6581	54.1202	1.4714	55.5915		193,716.55 89	193,716.558 9	10.8645		193,944.714 1
Total	196.9461	916.8345	2,602.886 0	4.1415	255.3702	13.1128	268.4830	68.7572	12.0505	80.8078		376,679.19 41	376,679.194 1	12.3559		376,938.667 9

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	109.8686	784.9571	1,381.7423	1.8336	51.3173	11.5076	62.8249	14.6371	10.5792	25.2162		182,962.6352	182,962.6352	1.4914		182,993.9538
Worker	87.0775	131.8774	1,221.1437	2.3079	204.0529	1.6052	205.6581	54.1202	1.4714	55.5915		193,716.5589	193,716.5589	10.8645		193,944.7141
Total	196.9461	916.8345	2,602.8860	4.1415	255.3702	13.1128	268.4830	68.7572	12.0505	80.8078		376,679.1941	376,679.1941	12.3559		376,938.6679

3.4 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
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Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	101.5609	703.7638	1,321.5486	1.8304	51.3215	9.9589	61.2804	14.6386	9.1560	23.7946		179,902.9371	179,902.9371	1.4171		179,932.6958
Worker	76.6685	118.0516	1,079.3079	2.3063	204.0529	1.5296	205.5824	54.1202	1.4083	55.5285		186,322.4106	186,322.4106	9.9195		186,530.7197
Total	178.2295	821.8154	2,400.8565	4.1366	255.3744	11.4885	266.8629	68.7588	10.5644	79.3231		366,225.3477	366,225.3477	11.3366		366,463.4155

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	101.5609	703.7638	1,321.5486	1.8304	51.3215	9.9589	61.2804	14.6386	9.1560	23.7946		179,902.9371	179,902.9371	1.4171		179,932.6958
Worker	76.6685	118.0516	1,079.3079	2.3063	204.0529	1.5296	205.5824	54.1202	1.4083	55.5285		186,322.4106	186,322.4106	9.9195		186,530.7197
Total	178.2295	821.8154	2,400.8565	4.1366	255.3744	11.4885	266.8629	68.7588	10.5644	79.3231		366,225.3477	366,225.3477	11.3366		366,463.4155

3.4 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	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	88.9622	637.6361	1,242.7644	1.8255	51.3113	9.2247	60.5359	14.6343	8.4836	23.1179		176,729.0547	176,729.0547	1.3933		176,758.3140
Worker	68.0956	106.3871	961.3160	2.3050	204.0529	1.4788	205.5317	54.1202	1.3667	55.4869		179,383.8759	179,383.8759	9.1228		179,575.4542
Total	157.0578	744.0232	2,204.0805	4.1305	255.3642	10.7034	266.0676	68.7545	9.8503	78.6048		356,112.9305	356,112.9305	10.5161		356,333.7682

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048	0.0000	2,609.9389	2,609.9389	0.6387		2,623.3517
Total	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048	0.0000	2,609.9389	2,609.9389	0.6387		2,623.3517

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	88.9622	637.6361	1,242.7644	1.8255	51.3113	9.2247	60.5359	14.6343	8.4836	23.1179		176,729.0547	176,729.0547	1.3933		176,758.3140
Worker	68.0956	106.3871	961.3160	2.3050	204.0529	1.4788	205.5317	54.1202	1.3667	55.4869		179,383.8759	179,383.8759	9.1228		179,575.4542
Total	157.0578	744.0232	2,204.0805	4.1305	255.3642	10.7034	266.0676	68.7545	9.8503	78.6048		356,112.9305	356,112.9305	10.5161		356,333.7682

3.4 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	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	82.2992	581.8981	1,195.7938	1.8223	51.3003	8.5723	59.8726	14.6296	7.8849	22.5145		173,669.2637	173,669.2637	1.3618		173,697.8614

Worker	61.7279	96.9021	868.7118	2.3043	204.0529	1.4472	205.5001	54.1202	1.3409	55.4611		172,908.69 92	172,908.699 2	8.4801		173,086.780 9
Total	144.0271	678.8003	2,064.505 5	4.1266	255.3532	10.0195	265.3727	68.7498	9.2258	77.9756		346,577.96 28	346,577.962 8	9.8419		346,784.642 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	82.2992	581.8981	1,195.793 8	1.8223	51.3003	8.5723	59.8726	14.6296	7.8849	22.5145		173,669.26 37	173,669.263 7	1.3618		173,697.861 4
Worker	61.7279	96.9021	868.7118	2.3043	204.0529	1.4472	205.5001	54.1202	1.3409	55.4611		172,908.69 92	172,908.699 2	8.4801		173,086.780 9
Total	144.0271	678.8003	2,064.505 5	4.1266	255.3532	10.0195	265.3727	68.7498	9.2258	77.9756		346,577.96 28	346,577.962 8	9.8419		346,784.642 4

3.4 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	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	76.5603	496.7727	1,157.3180	1.8194	51.2951	7.6732	58.9683	14.6272	7.0587	21.6859		169,686.4970	169,686.4970	1.3231		169,714.2811
Worker	57.1040	89.1033	796.6093	2.3038	204.0529	1.4298	205.4827	54.1202	1.3257	55.4459		165,935.3059	165,935.3059	7.9677		166,102.6270
Total	133.6644	585.8760	1,953.9273	4.1232	255.3479	9.1030	264.4509	68.7474	8.3844	77.1318		335,621.8028	335,621.8028	9.2907		335,816.9081

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	76.5603	496.7727	1,157.3180	1.8194	51.2951	7.6732	58.9683	14.6272	7.0587	21.6859		169,686.4970	169,686.4970	1.3231		169,714.2811
Worker	57.1040	89.1033	796.6093	2.3038	204.0529	1.4298	205.4827	54.1202	1.3257	55.4459		165,935.3059	165,935.3059	7.9677		166,102.6270
Total	133.6644	585.8760	1,953.9273	4.1232	255.3479	9.1030	264.4509	68.7474	8.3844	77.1318		335,621.8028	335,621.8028	9.2907		335,816.9081

3.5 Paving - 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					
Off-Road	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016		2,339.8984	2,339.8984	0.6986		2,354.5681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016		2,339.8984	2,339.8984	0.6986		2,354.5681
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0677	0.1019	0.9501	1.6000e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		139.0478	139.0478	8.2500e-003		139.2211
Total	0.0677	0.1019	0.9501	1.6000e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		139.0478	139.0478	8.2500e-003		139.2211

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016	0.0000	2,339.8984	2,339.8984	0.6986		2,354.5681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016	0.0000	2,339.8984	2,339.8984	0.6986		2,354.5681

Mitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0604	0.0914	0.8465	1.6000e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		134.2891	134.2891	7.5300e-003		134.4473
Total	0.0604	0.0914	0.8465	1.6000e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		134.2891	134.2891	7.5300e-003		134.4473

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0604	0.0914	0.8465	1.6000e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		134.2891	134.2891	7.5300e-003		134.4473
Total	0.0604	0.0914	0.8465	1.6000e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		134.2891	134.2891	7.5300e-003		134.4473

3.5 Paving - 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	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0532	0.0818	0.7482	1.6000e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		129.1633	129.1633	6.8800e-003		129.3077
Total	0.0532	0.0818	0.7482	1.6000e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		129.1633	129.1633	6.8800e-003		129.3077

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0532	0.0818	0.7482	1.6000e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		129.1633	129.1633	6.8800e-003		129.3077
Total	0.0532	0.0818	0.7482	1.6000e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		129.1633	129.1633	6.8800e-003		129.3077

3.5 Paving - 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
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Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0472	0.0738	0.6664	1.6000e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		124.3534	124.3534	6.3200e-003		124.4862
Total	0.0472	0.0738	0.6664	1.6000e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		124.3534	124.3534	6.3200e-003		124.4862

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0472	0.0738	0.6664	1.6000e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		124.3534	124.3534	6.3200e-003		124.4862
Total	0.0472	0.0738	0.6664	1.6000e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		124.3534	124.3534	6.3200e-003		124.4862

3.5 Paving - 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	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0428	0.0672	0.6022	1.6000e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385	119.8646	119.8646	5.8800e-003		119.9881	
Total	0.0428	0.0672	0.6022	1.6000e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385	119.8646	119.8646	5.8800e-003		119.9881	

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799		2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799		2,160.7571	2,160.7571	0.6988		2,175.4326

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0396	0.0618	0.5522	1.6000e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		115.0305	115.0305	5.5200e-003		115.1465
Total	0.0396	0.0618	0.5522	1.6000e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		115.0305	115.0305	5.5200e-003		115.1465

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0396	0.0618	0.5522	1.6000e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		115.0305	115.0305	5.5200e-003		115.1465
Total	0.0396	0.0618	0.5522	1.6000e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		115.0305	115.0305	5.5200e-003		115.1465

3.6 Architectural Coating - 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					
Archit. Coating	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177
Total	615.7945	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	19.5349	29.4000	274.1358	0.4619	40.8144	0.3404	41.1547	10.8250	0.3109	11.1359		40,119.9359	40,119.9359	2.3809		40,169.9344
Total	19.5349	29.4000	274.1358	0.4619	40.8144	0.3404	41.1547	10.8250	0.3109	11.1359		40,119.9359	40,119.9359	2.3809		40,169.9344

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Archit. Coating	615.3879					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209			0.2209	0.2209	0.0000	281.4481	281.4481	0.0367	282.2177
Total	615.7945	2.5703	1.9018	2.9700e-003		0.2209	0.2209			0.2209	0.2209	0.0000	281.4481	281.4481	0.0367	282.2177

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	19.5349	29.4000	274.1358	0.4619	40.8144	0.3404	41.1547	10.8250	0.3109	11.1359		40,119.9359	40,119.9359	2.3809		40,169.9344
Total	19.5349	29.4000	274.1358	0.4619	40.8144	0.3404	41.1547	10.8250	0.3109	11.1359		40,119.9359	40,119.9359	2.3809		40,169.9344

3.6 Architectural Coating - 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					
Archit. Coating	615.3879					0.0000	0.0000			0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966			0.1966		281.4481	281.4481	0.0332		282.1449

Total	615.7563	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	17.4171	26.3779	244.2513	0.4616	40.8144	0.3211	41.1354	10.8250	0.2943	11.1193		38,746.8928	38,746.8928	2.1731		38,792.5281
Total	17.4171	26.3779	244.2513	0.4616	40.8144	0.3211	41.1354	10.8250	0.2943	11.1193		38,746.8928	38,746.8928	2.1731		38,792.5281

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449
Total	615.7563	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449

Mitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	15.3351	23.6125	215.8815	0.4613	40.8144	0.3059	41.1203	10.8250	0.2817	11.1067		37,267.9265	37,267.9265	1.9841		37,309.5922
Total	15.3351	23.6125	215.8815	0.4613	40.8144	0.3059	41.1203	10.8250	0.2817	11.1067		37,267.9265	37,267.9265	1.9841		37,309.5922

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	615.7202	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	15.3351	23.6125	215.8815	0.4613	40.8144	0.3059	41.1203	10.8250	0.2817	11.1067		37,267.9265	37,267.9265	1.9841		37,309.5922
Total	15.3351	23.6125	215.8815	0.4613	40.8144	0.3059	41.1203	10.8250	0.2817	11.1067		37,267.9265	37,267.9265	1.9841		37,309.5922

3.6 Architectural Coating - 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					
Archit. Coating	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	615.6865	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	13.6204	21.2794	192.2810	0.4611	40.8144	0.2958	41.1101	10.8250	0.2734	11.0984		35,880.0913	35,880.0913	1.8247		35,918.4105
Total	13.6204	21.2794	192.2810	0.4611	40.8144	0.2958	41.1101	10.8250	0.2734	11.0984		35,880.0913	35,880.0913	1.8247		35,918.4105

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	615.6865	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	13.6204	21.2794	192.2810	0.4611	40.8144	0.2958	41.1101	10.8250	0.2734	11.0984		35,880.0913	35,880.0913	1.8247		35,918.4105
Total	13.6204	21.2794	192.2810	0.4611	40.8144	0.2958	41.1101	10.8250	0.2734	11.0984		35,880.0913	35,880.0913	1.8247		35,918.4105

3.6 Architectural Coating - 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
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Category	lb/day										lb/day					
Archit. Coating	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473
Total	615.6543	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	12.3467	19.3822	173.7584	0.4609	40.8144	0.2895	41.1038	10.8250	0.2682	11.0933		34,584.9362	34,584.9362	1.6962		34,620.5559
Total	12.3467	19.3822	173.7584	0.4609	40.8144	0.2895	41.1038	10.8250	0.2682	11.0933		34,584.9362	34,584.9362	1.6962		34,620.5559

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		281.9473

Total	615.6543	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		281.9473
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	12.3467	19.3822	173.7584	0.4609	40.8144	0.2895	41.1038	10.8250	0.2682	11.0933		34,584.9362	34,584.9362	1.6962		34,620.5559
Total	12.3467	19.3822	173.7584	0.4609	40.8144	0.2895	41.1038	10.8250	0.2682	11.0933		34,584.9362	34,584.9362	1.6962		34,620.5559

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	615.3879					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057
Total	615.6301	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	11.4219	17.8223	159.3366	0.4608	40.8144	0.2860	41.1003	10.8250	0.2652	11.0902	33,190.1287	33,190.1287	1.5937		33,223.5960	
Total	11.4219	17.8223	159.3366	0.4608	40.8144	0.2860	41.1003	10.8250	0.2652	11.0902	33,190.1287	33,190.1287	1.5937		33,223.5960	

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2,786.4044	5,080.4635	26,666.9830	32.8689	2,396.3406	63.4995	2,459.8402	639.9370	58.2075	698.1445		3,024,436.9680	3,024,436.9680	164.2010		3,027,885.1899
Unmitigated	2,786.4044	5,080.4635	26,666.9830	32.8689	2,396.3406	63.4995	2,459.8402	639.9370	58.2075	698.1445		3,024,436.9680	3,024,436.9680	164.2010		3,027,885.1899

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	9,384.16	10,195.84	8643.68	20,971,586	20,971,586
General Light Industry	7,011.12	1,327.79	684.01	15,459,819	15,459,819
General Light Industry	1,852.63	350.86	180.74	4,085,118	4,085,118
General Office Building	4,580.16	985.92	407.68	8,293,944	8,293,944
Hotel	4,085.00	4,095.00	2975.00	7,462,657	7,462,657
Junior College (2Yr)	6,000.00	2,100.00	200.00	11,718,149	11,718,149
Place of Worship	2,535.31	2,885.97	10194.13	6,883,237	6,883,237

Place of Worship	39,883.58	45,399.86	160366.14	108,281,751	108,281,751
Regional Shopping Center	30,470.22	35,458.71	17910.30	51,527,158	51,527,158
Regional Shopping Center	85,227.31	99,180.46	50096.35	144,125,005	144,125,005
Regional Shopping Center	1,344.02	1,564.06	790.01	2,272,830	2,272,830
Single Family Housing	153,598.50	161,784.00	140758.50	341,403,712	341,403,712
Automobile Care Center	9,107.80	9,107.80	9107.80	9,073,064	9,073,064
Bank (with Drive-Through)	3,481.53	2,028.52	749.65	2,667,339	2,667,339
Congregate Care (Assisted Living)	1,096.00	880.00	976.00	2,339,520	2,339,520
Convenience Market With Gas Pumps	57,162.56	97,907.11	79908.61	35,527,471	35,527,471
Elementary School	385.75	0.00	0.00	607,539	607,539
Fast Food Restaurant with Drive Thru	10,914.64	15,884.66	11939.84	10,998,033	10,998,033
Golf Course	2,852.14	3,293.54	3327.49	5,391,300	5,391,300
Government (Civic Center)	6,011.18	0.00	0.00	8,207,990	8,207,990
High Turnover (Sit Down Restaurant)	1,907.25	2,375.55	1977.60	2,302,197	2,302,197
Medical Office Building	7,608.98	1,886.98	326.43	11,256,506	11,256,506
Movie Theater (No Matinee)	944.00	944.00	944.00	1,777,549	1,777,549
Quality Restaurant	1,331.26	1,396.53	1067.97	1,545,541	1,545,541
Racquet Club	984.61	624.01	799.23	1,542,112	1,542,112
Recreational Swimming Pool	2,772.71	1,757.25	2250.67	4,614,102	4,614,102
Supermarket	1,165.54	2,024.53	1897.42	1,584,235	1,584,235
Total	453,697.94	505,438.94	508,479.25	821,919,464	821,919,464

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1
Place of Worship	9.50	7.30	7.30	0.00	95.00	5.00	64	25	11
Place of Worship	9.50	7.30	7.30	0.00	95.00	5.00	64	25	11
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Single Family Housing	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3
Automobile Care Center	9.50	7.30	7.30	33.00	48.00	19.00	21	51	28
Bank (with Drive-Through)	9.50	7.30	7.30	6.60	74.40	19.00	27	26	47

Congregate Care (Assisted Living)	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3
Convenience Market With Gas	9.50	7.30	7.30	0.80	80.20	19.00	14	21	65
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Fast Food Restaurant with Drive	9.50	7.30	7.30	2.20	78.80	19.00	29	21	50
Golf Course	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9
Government (Civic Center)	9.50	7.30	7.30	75.00	20.00	5.00	50	34	16
High Turnover (Sit Down Restaurant)	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Medical Office Building	9.50	7.30	7.30	29.60	51.40	19.00	60	30	10
Movie Theater (No Matinee)	9.50	7.30	7.30	1.80	79.20	19.00	66	17	17
Quality Restaurant	9.50	7.30	7.30	12.00	69.00	19.00	38	18	44
Racquet Club	9.50	7.30	7.30	11.50	69.50	19.00	52	39	9
Recreational Swimming Pool	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9
Supermarket	9.50	7.30	7.30	6.50	74.50	19.00	34	30	36

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.526919	0.065238	0.176274	0.147663	0.036918	0.004962	0.009404	0.019426	0.001222	0.001497	0.006279	0.002142	0.002057

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	24.3905	212.3054	117.1291	1.3304		16.8516	16.8516		16.8516	16.8516		266,077.9483	266,077.9483	5.0998	4.8781	267,697.2543
NaturalGas Unmitigated	24.3905	212.3054	117.1291	1.3304		16.8516	16.8516		16.8516	16.8516		266,077.9483	266,077.9483	5.0998	4.8781	267,697.2543

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	CO
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise:	42062.5	0.4536	3.8764	1.6495	0.0247		0.3134	0.3134		0.3134	0.3134		4,948.5297	4,948.5297	0.0949	0.0907	4,978.8
Automobile Care Center	11031.6	0.1190	1.0815	0.9085	6.4900e-003		0.0822	0.0822		0.0822	0.0822		1,297.8337	1,297.8337	0.0249	0.0238	1,305.5
Bank (with Drive-Through)	1764.75	0.0190	0.1730	0.1453	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.6181	207.6181	3.9800e-003	3.8100e-003	208.8
Congregate Care (Assisted Living)	8906.98	0.0961	0.8208	0.3493	5.2400e-003		0.0664	0.0664		0.0664	0.0664		1,047.8801	1,047.8801	0.0201	0.0192	1,054.4
Convenience Market With Gas Pumps	461.162	4.9700e-003	0.0452	0.0380	2.7000e-004		3.4400e-003	3.4400e-003		3.4400e-003	3.4400e-003		54.2543	54.2543	1.0400e-003	9.9000e-004	54.5
Elementary School	1326.03	0.0143	0.1300	0.1092	7.8000e-004		9.8800e-003	9.8800e-003		9.8800e-003	9.8800e-003		156.0032	156.0032	2.9900e-003	2.8600e-003	156.9
Fast Food Restaurant with Drive-Thru	12720.2	0.1372	1.2471	1.0476	7.4800e-003		0.0948	0.0948		0.0948	0.0948		1,496.4964	1,496.4964	0.0287	0.0274	1,505.5
General Light Industry	19960.5	0.2153	1.9569	1.6438	0.0117		0.1487	0.1487		0.1487	0.1487		2,348.2927	2,348.2927	0.0450	0.0431	2,362.2
General Light Industry	75539	0.8146	7.4058	6.2209	0.0444		0.5628	0.5628		0.5628	0.5628		8,886.9360	8,886.9360	0.1703	0.1629	8,941.1
General Office Building	19626.1	0.2117	1.9241	1.6163	0.0115		0.1462	0.1462		0.1462	0.1462		2,308.9509	2,308.9509	0.0443	0.0423	2,323.3
Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.00
Government (Civic Center)	10157.4	0.1095	0.9958	0.8365	5.9700e-003		0.0757	0.0757		0.0757	0.0757		1,194.9931	1,194.9931	0.0229	0.0219	1,202.2
High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.00
High Turnover (Sit Down Restaurant)	8672.88	0.0935	0.8503	0.7142	5.1000e-003		0.0646	0.0646		0.0646	0.0646		1,020.3384	1,020.3384	0.0196	0.0187	1,026.2
Hotel	92251.7	0.9949	9.0443	7.5972	0.0543		0.6874	0.6874		0.6874	0.6874		10,853.1442	10,853.1442	0.2080	0.1990	10,919.2

Junior College (2Yr)	15081	0.1626	1.4785	1.2420	8.8700e-003		0.1124	0.1124		0.1124	0.1124		1,774.2296	1,774.2296	0.0340	0.0325	1,785.
Junior High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.00
Medical Office Building	9935.7	0.1072	0.9741	0.8182	5.8400e-003		0.0740	0.0740		0.0740	0.0740		1,168.9064	1,168.9064	0.0224	0.0214	1,176.
Movie Theater (No Matinee)	886.132	9.5600e-003	0.0869	0.0730	5.2000e-004		6.6000e-003	6.6000e-003		6.6000e-003	6.6000e-003		104.2508	104.2508	2.0000e-003	1.9100e-003	104.8
Place of Worship	20899.2	0.2254	2.0489	1.7211	0.0123		0.1557	0.1557		0.1557	0.1557		2,458.7278	2,458.7278	0.0471	0.0451	2,473.
Place of Worship	328770	3.5456	32.2323	27.0752	0.1934		2.4497	2.4497		2.4497	2.4497		38,678.8010	38,678.8010	0.7413	0.7091	38,914
Quality Restaurant	8557.24	0.0923	0.8389	0.7047	5.0300e-003		0.0638	0.0638		0.0638	0.0638		1,006.7339	1,006.7339	0.0193	0.0185	1,012.
Racquet Club	2245.37	0.0242	0.2201	0.1849	1.3200e-003		0.0167	0.0167		0.0167	0.0167		264.1608	264.1608	5.0600e-003	4.8400e-003	265.7
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.00
Regional Shopping Center	13540.1	0.1460	1.3275	1.1151	7.9600e-003		0.1009	0.1009		0.1009	0.1009		1,592.9579	1,592.9579	0.0305	0.0292	1,602.
Regional Shopping Center	213.526	2.3000e-003	0.0209	0.0176	1.3000e-004		1.5900e-003	1.5900e-003		1.5900e-003	1.5900e-003		25.1207	25.1207	4.8000e-004	4.6000e-004	25.2
Regional Shopping Center	4840.83	0.0522	0.4746	0.3987	2.8500e-003		0.0361	0.0361		0.0361	0.0361		569.5098	569.5098	0.0109	0.0104	572.8
Single Family Housing	1.55148e+006	16.7317	142.9799	60.8425	0.9126		11.5601	11.5601		11.5601	11.5601		182,527.4804	182,527.4804	3.4984	3.3463	183,632
Supermarket	729.288	7.8600e-003	0.0715	0.0601	4.3000e-004		5.4300e-003	5.4300e-003		5.4300e-003	5.4300e-003		85.7986	85.7986	1.6400e-003	1.5700e-003	86.3
Total		24.3905	212.3054	117.1291	1.3304		16.8516	16.8516		16.8516	16.8516		266,077.9483	266,077.9483	5.0998	4.8781	267,693

Mitigated

	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	CO
Land Use	kBTU/yr	lb/day										lb/day					
Automobile Care Center	11.0316	0.1190	1.0815	0.9085	6.4900e-003		0.0822	0.0822		0.0822	0.0822		1,297.8337	1,297.8337	0.0249	0.0238	1,305.

Regional Shopping Center	0.213526	2.3000e-003	0.0209	0.0176	1.3000e-004		1.5900e-003	1.5900e-003		1.5900e-003	1.5900e-003		25.1207	25.1207	4.8000e-004	4.6000e-004	25.2
Regional Shopping Center	13.5401	0.1460	1.3275	1.1151	7.9600e-003		0.1009	0.1009		0.1009	0.1009		1,592.9579	1,592.9579	0.0305	0.0292	1,602.
Regional Shopping Center	4.84083	0.0522	0.4746	0.3987	2.8500e-003		0.0361	0.0361		0.0361	0.0361		569.5098	569.5098	0.0109	0.0104	572.5
Single Family Housing	1551.48	16.7317	142.9799	60.8425	0.9126		11.5601	11.5601		11.5601	11.5601		182,527.4804	182,527.4804	3.4984	3.3463	183,632
Supermarket	0.729288	7.8600e-003	0.0715	0.0601	4.3000e-004		5.4300e-003	5.4300e-003		5.4300e-003	5.4300e-003		85.7986	85.7986	1.6400e-003	1.5700e-003	86.3
Apartments Low Rise	42.0625	0.4536	3.8764	1.6495	0.0247		0.3134	0.3134		0.3134	0.3134		4,948.5297	4,948.5297	0.0949	0.0907	4,978.
Total		24.3905	212.3054	117.1291	1.3304		16.8516	16.8516		16.8516	16.8516		266,077.9483	266,077.9483	5.0998	4.8781	267,693

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1,726.5484	17.9244	1,514.5014	0.0780		35.1104	35.1104		34.8253	34.8253	0.0000	430,281.9864	430,281.9864	11.0377	7.8398	432,944.1031
Unmitigated	31,087.8600	406.5398	37,131.0155	12.0048		4,997.7424	4,997.7424		4,997.5804	4,997.5804	518,227.2626	245,534.8570	763,762.1196	418.9729	42.4122	785,708.3271

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	220.0222					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1,417.8905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	29,400.5104	388.6172	35,618.6522	11.9269		4,989.7147	4,989.7147		4,989.5528	4,989.5528	518,227.2626	242,876.1177	761,103.3802	416.1314	42.4122	782,989.9148
Landscaping	49.4369	17.9226	1,512.3633	0.0780		8.0276	8.0276		8.0276	8.0276		2,658.7394	2,658.7394	2.8416		2,718.4123
Total	31,087.8600	406.5398	37,131.0155	12.0048		4,997.7424	4,997.7424		4,997.5804	4,997.5804	518,227.2626	245,534.8570	763,762.1196	418.9729	42.4122	785,708.3271

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	220.0222					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1,417.8905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	39.1988	1.7800e-003	2.1381	0.0000		27.0828	27.0828		26.7977	26.7977	0.0000	427,623.2471	427,623.2471	8.1961	7.8398	430,225.6909
Landscaping	49.4369	17.9226	1,512.3633	0.0780		8.0276	8.0276		8.0276	8.0276		2,658.7394	2,658.7394	2.8416		2,718.4123
Total	1,726.5484	17.9244	1,514.5014	0.0780		35.1104	35.1104		34.8253	34.8253	0.0000	430,281.9864	430,281.9864	11.0377	7.8398	432,944.1031

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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Brentwood General Plan Update Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	3,168.90	1000sqft	72.75	3,168,900.00	0
Junior College (2Yr)	5,000.00	Student	5.01	218,261.19	0
Place of Worship	136.80	1000sqft	3.14	136,800.00	0
General Light Industry	2,935.50	1000sqft	67.39	2,935,500.00	0
General Light Industry	269.30	1000sqft	6.18	269,300.00	0
Hotel	28.30	Room	0.94	41,091.60	0
Apartments Low Rise	5,687.00	Dwelling Unit	355.44	5,687,000.00	16265
Single Family Housing	7,927.00	Dwelling Unit	2,573.70	14,268,600.00	22671
Regional Shopping Center	3,238.80	1000sqft	74.35	3,238,800.00	0
Regional Shopping Center	3,027.50	1000sqft	69.50	3,027,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2014
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Acreage, square feet, and population estimates are left at default model rates. Unit amounts are adjusted consistent with the traffic assumptions.

Construction Phase - Construction schedule assumes start date of 1/1/2015. Construction phases overlap.

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	155,000.00	1,305.00
tblConstructionPhase	NumDays	15,500.00	1,305.00
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	6,000.00	1,305.00
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblGrading	AcresOfGrading	3,262.50	38,750.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2015	58.3639	90.3896	198.9758	0.3264	55.7153	2.3979	58.1131	16.0926	2.2124	18.3050	0.0000	27,469.2063	27,469.2063	1.5336	0.0000	27,501.4126
2016	56.6404	80.7815	181.3957	0.3261	55.7156	2.1251	57.8407	16.0927	1.9613	18.0540	0.0000	26,805.0807	26,805.0807	1.4421	0.0000	26,835.3654
2017	55.0564	72.9683	165.9170	0.3245	55.6413	1.9161	57.5573	16.0728	1.7687	17.8415	0.0000	25,943.3741	25,943.3741	1.3594	0.0000	25,971.9221
2018	53.7072	65.4535	151.7295	0.3254	55.7152	1.6887	57.4039	16.0926	1.5594	17.6520	0.0000	25,309.5874	25,309.5874	1.3014	0.0000	25,336.9159
2019	52.7189	59.6895	141.4731	0.3252	55.7145	1.5348	57.2494	16.0923	1.4175	17.5098	0.0000	24,617.6923	24,617.6923	1.2493	0.0000	24,643.9270
2020	0.1990	0.2011	0.5104	1.2500e-003	36.3394	5.3100e-003	36.3447	10.8784	4.9000e-003	10.8833	0.0000	91.2945	91.2945	4.6200e-003	0.0000	91.3916
Total	276.6856	369.4834	840.0015	1.6289	314.8412	9.6679	324.5090	91.3213	8.9242	100.2455	0.0000	130,236.2352	130,236.2352	6.8905	0.0000	130,380.9345

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					
2015	58.3639	90.3895	198.9757	0.3264	35.7696	2.3979	38.1674	10.1205	2.2124	12.3329	0.0000	27,469.2040	27,469.2040	1.5336	0.0000	27,501.4104
2016	56.6404	80.7814	181.3957	0.3261	35.7699	2.1251	37.8950	10.1207	1.9613	12.0819	0.0000	26,805.0785	26,805.0785	1.4421	0.0000	26,835.3632
2017	55.0564	72.9683	165.9170	0.3245	35.6956	1.9160	37.6117	10.1007	1.7687	11.8694	0.0000	25,943.3720	25,943.3720	1.3594	0.0000	25,971.9200
2018	53.7071	65.4535	151.7295	0.3254	35.7695	1.6887	37.4582	10.1205	1.5594	11.6799	0.0000	25,309.5853	25,309.5853	1.3014	0.0000	25,336.9137
2019	52.7189	59.6895	141.4731	0.3252	35.7689	1.5348	37.3037	10.1202	1.4175	11.5377	0.0000	24,617.6902	24,617.6902	1.2493	0.0000	24,643.9248
2020	0.1990	0.2011	0.5104	1.2500e-003	16.3937	5.3100e-003	16.3990	4.9063	4.9000e-003	4.9112	0.0000	91.2944	91.2944	4.6200e-003	0.0000	91.3916
Total	276.6856	369.4833	840.0014	1.6289	195.1672	9.6679	204.8351	55.4889	8.9242	64.4131	0.0000	130,236.2243	130,236.2243	6.8904	0.0000	130,380.9236

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	38.01	0.00	36.88	39.24	0.00	35.74	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	204.0975	2.1800	181.6533	0.0860		11.9026	11.9026		11.9023	11.9023	1,189.5643	623.1306	1,812.6949	2.7092	0.0657	1,889.9627
Energy	2.7510	24.0058	13.6524	0.1501		1.9007	1.9007		1.9007	1.9007	0.0000	98,554.1874	98,554.1874	3.7471	1.1664	98,994.4696
Mobile	311.4342	632.5105	3,047.5496	4.4192	310.8286	8.3518	319.1804	83.2429	7.6564	90.8993	0.0000	369,575.1468	369,575.1468	19.5098	0.0000	369,984.8532
Waste						0.0000	0.0000		0.0000	0.0000	5,551.0396	0.0000	5,551.0396	328.0570	0.0000	12,440.2375
Water						0.0000	0.0000		0.0000	0.0000	847.4491	5,439.2554	6,286.7045	87.2871	2.1061	8,772.6293
Total	518.2827	658.6962	3,242.8552	4.6553	310.8286	22.1551	332.9837	83.2429	21.4594	104.7023	7,588.0530	474,191.7201	481,779.7731	441.3103	3.3383	492,082.1523

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	153.1642	1.2291	103.7299	5.3500e-003		0.6027	0.6027		0.6021	0.6021	0.0000	912.8495	912.8495	0.1913	0.0137	921.1152
Energy	2.7510	24.0058	13.6524	0.1501		1.9007	1.9007		1.9007	1.9007	0.0000	97,821.9076	97,821.9076	3.7140	1.1596	98,259.3708

Mobile	311.4342	632.5105	3,047.5496	4.4192	310.8286	8.3518	319.1804	83.2429	7.6564	90.8993	0.0000	369,575.1468	369,575.1468	19.5098	0.0000	369,984.8532
Waste						0.0000	0.0000		0.0000	0.0000	5,551.0396	0.0000	5,551.0396	328.0570	0.0000	12,440.2375
Water						0.0000	0.0000		0.0000	0.0000	677.9593	4,522.9940	5,200.9532	69.8247	1.6839	7,189.2721
Total	467.3494	657.7454	3,164.9319	4.5746	310.8286	10.8551	321.6837	83.2429	10.1592	93.4021	6,228.9989	472,832.8979	479,061.8967	421.2969	2.8572	488,794.8488

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	9.83	0.14	2.40	1.73	0.00	51.00	3.39	0.00	52.66	10.79	17.91	0.29	0.56	4.53	14.41	0.67

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2015	1/1/2020	5	1305	
2	Grading	Grading	1/1/2015	1/1/2020	5	1305	
3	Building Construction	Building Construction	1/1/2015	1/1/2020	5	1305	
4	Paving	Paving	1/1/2015	1/1/2020	5	1305	
5	Architectural Coating	Architectural Coating	1/1/2015	1/1/2020	5	1305	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 38750

Acres of Paving: 0

Residential Indoor: 40,410,090; Residential Outdoor: 13,470,030; Non-Residential Indoor: 19,554,229; Non-Residential Outdoor: 6,518,076

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40

Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	11,480.00	3,592.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2,296.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 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					11.7882	0.0000	11.7882	6.4798	0.0000	6.4798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6866	7.4241	5.5635	5.1100e-003		0.4030	0.4030		0.3708	0.3708	0.0000	486.7796	486.7796	0.1453	0.0000	489.8314
Total	0.6866	7.4241	5.5635	5.1100e-003	11.7882	0.4030	12.1913	6.4798	0.3708	6.8506	0.0000	486.7796	486.7796	0.1453	0.0000	489.8314

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-003	0.0145	0.1421	2.5000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.7000e-004	5.8600e-003	0.0000	19.9977	19.9977	1.1700e-003	0.0000	20.0223
Total	9.9000e-003	0.0145	0.1421	2.5000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.7000e-004	5.8600e-003	0.0000	19.9977	19.9977	1.1700e-003	0.0000	20.0223

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Fugitive Dust					5.3047	0.0000	5.3047	2.9159	0.0000	2.9159	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6866	7.4241	5.5634	5.1100e-003		0.4030	0.4030		0.3708	0.3708	0.0000	486.7790	486.7790	0.1453	0.0000	489.8308
Total	0.6866	7.4241	5.5634	5.1100e-003	5.3047	0.4030	5.7077	2.9159	0.3708	3.2867	0.0000	486.7790	486.7790	0.1453	0.0000	489.8308

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-003	0.0145	0.1421	2.5000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.7000e-004	5.8600e-003	0.0000	19.9977	19.9977	1.1700e-003	0.0000	20.0223
Total	9.9000e-003	0.0145	0.1421	2.5000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.7000e-004	5.8600e-003	0.0000	19.9977	19.9977	1.1700e-003	0.0000	20.0223

3.2 Site Preparation - 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					11.7882	0.0000	11.7882	6.4798	0.0000	6.4798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6626	7.1295	5.3642	5.1000e-003		0.3835	0.3835		0.3528	0.3528	0.0000	481.2463	481.2463	0.1452	0.0000	484.2946

Total	0.6626	7.1295	5.3642	5.1000e-003	11.7882	0.3835	12.1717	6.4798	0.3528	6.8326	0.0000	481.2463	481.2463	0.1452	0.0000	484.2946
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8500e-003	0.0130	0.1270	2.5000e-004	0.0214	1.7000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.3137	19.3137	1.0700e-003	0.0000	19.3361
Total	8.8500e-003	0.0130	0.1270	2.5000e-004	0.0214	1.7000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.3137	19.3137	1.0700e-003	0.0000	19.3361

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3047	0.0000	5.3047	2.9159	0.0000	2.9159	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6626	7.1295	5.3642	5.1000e-003		0.3835	0.3835		0.3528	0.3528	0.0000	481.2457	481.2457	0.1452	0.0000	484.2941
Total	0.6626	7.1295	5.3642	5.1000e-003	5.3047	0.3835	5.6882	2.9159	0.3528	3.2687	0.0000	481.2457	481.2457	0.1452	0.0000	484.2941

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8500e-003	0.0130	0.1270	2.5000e-004	0.0214	1.7000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.3137	19.3137	1.0700e-003	0.0000	19.3361
Total	8.8500e-003	0.0130	0.1270	2.5000e-004	0.0214	1.7000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.3137	19.3137	1.0700e-003	0.0000	19.3361

3.2 Site Preparation - 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					
Fugitive Dust					11.7882	0.0000	11.7882	6.4798	0.0000	6.4798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6290	6.7280	5.1216	5.0800e-003		0.3581	0.3581		0.3294	0.3294	0.0000	472.1000	472.1000	0.1447	0.0000	475.1377
Total	0.6290	6.7280	5.1216	5.0800e-003	11.7882	0.3581	12.1463	6.4798	0.3294	6.8092	0.0000	472.1000	472.1000	0.1447	0.0000	475.1377

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Worker	7.7900e-003	0.0116	0.1123	2.5000e-004	0.0213	1.7000e-004	0.0215	5.6700e-003	1.5000e-004	5.8200e-003	0.0000	18.5057	18.5057	9.7000e-004	0.0000	18.5261
Total	7.7900e-003	0.0116	0.1123	2.5000e-004	0.0213	1.7000e-004	0.0215	5.6700e-003	1.5000e-004	5.8200e-003	0.0000	18.5057	18.5057	9.7000e-004	0.0000	18.5261

3.2 Site Preparation - 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					
Fugitive Dust					11.7882	0.0000	11.7882	6.4798	0.0000	6.4798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5601	5.9520	4.7286	5.1000e-003		0.3087	0.3087		0.2840	0.2840	0.0000	466.4203	466.4203	0.1452	0.0000	469.4696
Total	0.5601	5.9520	4.7286	5.1000e-003	11.7882	0.3087	12.0969	6.4798	0.2840	6.7638	0.0000	466.4203	466.4203	0.1452	0.0000	469.4696

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9700e-003	0.0105	0.1008	2.5000e-004	0.0214	1.6000e-004	0.0216	5.6900e-003	1.5000e-004	5.8400e-003	0.0000	17.8853	17.8853	9.0000e-004	0.0000	17.9042
Total	6.9700e-003	0.0105	0.1008	2.5000e-004	0.0214	1.6000e-004	0.0216	5.6900e-003	1.5000e-004	5.8400e-003	0.0000	17.8853	17.8853	9.0000e-004	0.0000	17.9042

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3047	0.0000	5.3047	2.9159	0.0000	2.9159	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5601	5.9519	4.7286	5.1000e-003		0.3087	0.3087		0.2840	0.2840	0.0000	466.4198	466.4198	0.1452	0.0000	469.4690
Total	0.5601	5.9519	4.7286	5.1000e-003	5.3047	0.3087	5.6134	2.9159	0.2840	3.1999	0.0000	466.4198	466.4198	0.1452	0.0000	469.4690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9700e-003	0.0105	0.1008	2.5000e-004	0.0214	1.6000e-004	0.0216	5.6900e-003	1.5000e-004	5.8400e-003	0.0000	17.8853	17.8853	9.0000e-004	0.0000	17.9042
Total	6.9700e-003	0.0105	0.1008	2.5000e-004	0.0214	1.6000e-004	0.0216	5.6900e-003	1.5000e-004	5.8400e-003	0.0000	17.8853	17.8853	9.0000e-004	0.0000	17.9042

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Fugitive Dust					11.7882	0.0000	11.7882	6.4798	0.0000	6.4798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5245	5.5469	4.5425	5.1100e-003		0.2806	0.2806		0.2582	0.2582	0.0000	458.9560	458.9560	0.1452	0.0000	462.0054
Total	0.5245	5.5469	4.5425	5.1100e-003	11.7882	0.2806	12.0689	6.4798	0.2582	6.7380	0.0000	458.9560	458.9560	0.1452	0.0000	462.0054

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3300e-003	9.5400e-003	0.0914	2.5000e-004	0.0214	1.6000e-004	0.0215	5.6900e-003	1.5000e-004	5.8300e-003	0.0000	17.2400	17.2400	8.4000e-004	0.0000	17.2575
Total	6.3300e-003	9.5400e-003	0.0914	2.5000e-004	0.0214	1.6000e-004	0.0215	5.6900e-003	1.5000e-004	5.8300e-003	0.0000	17.2400	17.2400	8.4000e-004	0.0000	17.2575

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3047	0.0000	5.3047	2.9159	0.0000	2.9159	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5245	5.5468	4.5425	5.1100e-003		0.2806	0.2806		0.2582	0.2582	0.0000	458.9555	458.9555	0.1452	0.0000	462.0048

Total	0.5245	5.5468	4.5425	5.1100e-003	5.3047	0.2806	5.5853	2.9159	0.2582	3.1741	0.0000	458.9555	458.9555	0.1452	0.0000	462.0048
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3300e-003	9.5400e-003	0.0914	2.5000e-004	0.0214	1.6000e-004	0.0215	5.6900e-003	1.5000e-004	5.8300e-003	0.0000	17.2400	17.2400	8.4000e-004	0.0000	17.2575
Total	6.3300e-003	9.5400e-003	0.0914	2.5000e-004	0.0214	1.6000e-004	0.0215	5.6900e-003	1.5000e-004	5.8300e-003	0.0000	17.2400	17.2400	8.4000e-004	0.0000	17.2575

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					11.7882	0.0000	11.7882	6.4798	0.0000	6.4798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8600e-003	0.0194	0.0165	2.0000e-005		9.7000e-004	9.7000e-004		8.9000e-004	8.9000e-004	0.0000	1.7202	1.7202	5.6000e-004	0.0000	1.7318
Total	1.8600e-003	0.0194	0.0165	2.0000e-005	11.7882	9.7000e-004	11.7892	6.4798	8.9000e-004	6.4807	0.0000	1.7202	1.7202	5.6000e-004	0.0000	1.7318

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	3.0000e-005	3.2000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0634	0.0634	0.0000	0.0000	0.0635
Total	2.0000e-005	3.0000e-005	3.2000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0634	0.0634	0.0000	0.0000	0.0635

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3047	0.0000	5.3047	2.9159	0.0000	2.9159	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8600e-003	0.0194	0.0165	2.0000e-005		9.7000e-004	9.7000e-004		8.9000e-004	8.9000e-004	0.0000	1.7202	1.7202	5.6000e-004	0.0000	1.7318
Total	1.8600e-003	0.0194	0.0165	2.0000e-005	5.3047	9.7000e-004	5.3057	2.9159	8.9000e-004	2.9168	0.0000	1.7202	1.7202	5.6000e-004	0.0000	1.7318

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	3.0000e-005	3.2000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0634	0.0634	0.0000	0.0000	0.0635
Total	2.0000e-005	3.0000e-005	3.2000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0634	0.0634	0.0000	0.0000	0.0635

3.3 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					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8842	10.3156	6.6346	8.0600e-003		0.4962	0.4962		0.4565	0.4565	0.0000	767.8908	767.8908	0.2293	0.0000	772.7050
Total	0.8842	10.3156	6.6346	8.0600e-003	24.4766	0.4962	24.9728	4.3785	0.4565	4.8350	0.0000	767.8908	767.8908	0.2293	0.0000	772.7050

Unmitigated Construction Off-Site

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

Worker	0.0110	0.0161	0.1579	2.8000e-004	0.0238	2.1000e-004	0.0240	6.3200e-003	1.9000e-004	6.5100e-003	0.0000	22.2197	22.2197	1.3000e-003	0.0000	22.2470
Total	0.0110	0.0161	0.1579	2.8000e-004	0.0238	2.1000e-004	0.0240	6.3200e-003	1.9000e-004	6.5100e-003	0.0000	22.2197	22.2197	1.3000e-003	0.0000	22.2470

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8842	10.3156	6.6346	8.0600e-003		0.4962	0.4962		0.4565	0.4565	0.0000	767.8899	767.8899	0.2293	0.0000	772.7041
Total	0.8842	10.3156	6.6346	8.0600e-003	11.0145	0.4962	11.5107	1.9703	0.4565	2.4268	0.0000	767.8899	767.8899	0.2293	0.0000	772.7041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	0.0161	0.1579	2.8000e-004	0.0238	2.1000e-004	0.0240	6.3200e-003	1.9000e-004	6.5100e-003	0.0000	22.2197	22.2197	1.3000e-003	0.0000	22.2470
Total	0.0110	0.0161	0.1579	2.8000e-004	0.0238	2.1000e-004	0.0240	6.3200e-003	1.9000e-004	6.5100e-003	0.0000	22.2197	22.2197	1.3000e-003	0.0000	22.2470

3.3 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					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8456	9.7632	6.4124	8.0500e-003		0.4677	0.4677		0.4303	0.4303	0.0000	759.4542	759.4542	0.2291	0.0000	764.2649
Total	0.8456	9.7632	6.4124	8.0500e-003	24.4766	0.4677	24.9444	4.3785	0.4303	4.8089	0.0000	759.4542	759.4542	0.2291	0.0000	764.2649

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.8300e-003	0.0145	0.1411	2.8000e-004	0.0238	1.9000e-004	0.0240	6.3200e-003	1.8000e-004	6.5000e-003	0.0000	21.4596	21.4596	1.1900e-003	0.0000	21.4846
Total	9.8300e-003	0.0145	0.1411	2.8000e-004	0.0238	1.9000e-004	0.0240	6.3200e-003	1.8000e-004	6.5000e-003	0.0000	21.4596	21.4596	1.1900e-003	0.0000	21.4846

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Fugitive Dust					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8456	9.7632	6.4124	8.0500e-003		0.4677	0.4677		0.4303	0.4303	0.0000	759.4533	759.4533	0.2291	0.0000	764.2640
Total	0.8456	9.7632	6.4124	8.0500e-003	11.0145	0.4677	11.4822	1.9703	0.4303	2.4007	0.0000	759.4533	759.4533	0.2291	0.0000	764.2640

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.8300e-003	0.0145	0.1411	2.8000e-004	0.0238	1.9000e-004	0.0240	6.3200e-003	1.8000e-004	6.5000e-003	0.0000	21.4596	21.4596	1.1900e-003	0.0000	21.4846
Total	9.8300e-003	0.0145	0.1411	2.8000e-004	0.0238	1.9000e-004	0.0240	6.3200e-003	1.8000e-004	6.5000e-003	0.0000	21.4596	21.4596	1.1900e-003	0.0000	21.4846

3.3 Grading - 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					
Fugitive Dust					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7929	9.0470	6.0847	8.0200e-003		0.4312	0.4312		0.3967	0.3967	0.0000	744.5610	744.5610	0.2281	0.0000	749.3517

Total	0.7929	9.0470	6.0847	8.0200e-003	24.4766	0.4312	24.9078	4.3785	0.3967	4.7753	0.0000	744.5610	744.5610	0.2281	0.0000	749.3517
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6500e-003	0.0129	0.1248	2.8000e-004	0.0237	1.8000e-004	0.0239	6.3000e-003	1.7000e-004	6.4600e-003	0.0000	20.5618	20.5618	1.0800e-003	0.0000	20.5846
Total	8.6500e-003	0.0129	0.1248	2.8000e-004	0.0237	1.8000e-004	0.0239	6.3000e-003	1.7000e-004	6.4600e-003	0.0000	20.5618	20.5618	1.0800e-003	0.0000	20.5846

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7929	9.0470	6.0847	8.0200e-003		0.4312	0.4312		0.3967	0.3967	0.0000	744.5601	744.5601	0.2281	0.0000	749.3509
Total	0.7929	9.0470	6.0847	8.0200e-003	11.0145	0.4312	11.4457	1.9703	0.3967	2.3671	0.0000	744.5601	744.5601	0.2281	0.0000	749.3509

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6500e-003	0.0129	0.1248	2.8000e-004	0.0237	1.8000e-004	0.0239	6.3000e-003	1.7000e-004	6.4600e-003	0.0000	20.5618	20.5618	1.0800e-003	0.0000	20.5846
Total	8.6500e-003	0.0129	0.1248	2.8000e-004	0.0237	1.8000e-004	0.0239	6.3000e-003	1.7000e-004	6.4600e-003	0.0000	20.5618	20.5618	1.0800e-003	0.0000	20.5846

3.3 Grading - 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					
Fugitive Dust					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6903	7.7692	5.5210	8.0500e-003		0.3638	0.3638		0.3347	0.3347	0.0000	735.5190	735.5190	0.2290	0.0000	740.3275
Total	0.6903	7.7692	5.5210	8.0500e-003	24.4766	0.3638	24.8405	4.3785	0.3347	4.7133	0.0000	735.5190	735.5190	0.2290	0.0000	740.3275

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Worker	7.7400e-003	0.0116	0.1120	2.8000e-004	0.0238	1.8000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.8726	19.8726	1.0000e-003	0.0000	19.8936
Total	7.7400e-003	0.0116	0.1120	2.8000e-004	0.0238	1.8000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.8726	19.8726	1.0000e-003	0.0000	19.8936

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6383	7.0728	5.2577	8.0500e-003		0.3269	0.3269		0.3007	0.3007	0.0000	723.5036	723.5036	0.2289	0.0000	728.3107
Total	0.6383	7.0728	5.2577	8.0500e-003	24.4766	0.3269	24.8035	4.3785	0.3007	4.6793	0.0000	723.5036	723.5036	0.2289	0.0000	728.3107

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0300e-003	0.0106	0.1016	2.8000e-004	0.0238	1.7000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.1555	19.1555	9.3000e-004	0.0000	19.1750
Total	7.0300e-003	0.0106	0.1016	2.8000e-004	0.0238	1.7000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.1555	19.1555	9.3000e-004	0.0000	19.1750

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6383	7.0728	5.2577	8.0500e-003		0.3269	0.3269		0.3007	0.3007	0.0000	723.5028	723.5028	0.2289	0.0000	728.3098
Total	0.6383	7.0728	5.2577	8.0500e-003	11.0145	0.3269	11.3414	1.9703	0.3007	2.2711	0.0000	723.5028	723.5028	0.2289	0.0000	728.3098

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0300e-003	0.0106	0.1016	2.8000e-004	0.0238	1.7000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.1555	19.1555	9.3000e-004	0.0000	19.1750
Total	7.0300e-003	0.0106	0.1016	2.8000e-004	0.0238	1.7000e-004	0.0239	6.3200e-003	1.6000e-004	6.4800e-003	0.0000	19.1555	19.1555	9.3000e-004	0.0000	19.1750

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Fugitive Dust					24.4766	0.0000	24.4766	4.3785	0.0000	4.3785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0247	0.0192	3.0000e-005		1.1300e-003	1.1300e-003		1.0400e-003	1.0400e-003	0.0000	2.7114	2.7114	8.8000e-004	0.0000	2.7299
Total	2.2800e-003	0.0247	0.0192	3.0000e-005	24.4766	1.1300e-003	24.4777	4.3785	1.0400e-003	4.3796	0.0000	2.7114	2.7114	8.8000e-004	0.0000	2.7299

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	4.0000e-005	3.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0704	0.0704	0.0000	0.0000	0.0705
Total	2.0000e-005	4.0000e-005	3.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0704	0.0704	0.0000	0.0000	0.0705

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					11.0145	0.0000	11.0145	1.9703	0.0000	1.9703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0247	0.0192	3.0000e-005		1.1300e-003	1.1300e-003		1.0400e-003	1.0400e-003	0.0000	2.7114	2.7114	8.8000e-004	0.0000	2.7299

Total	2.2800e-003	0.0247	0.0192	3.0000e-005	11.0145	1.1300e-003	11.0156	1.9703	1.0400e-003	1.9714	0.0000	2.7114	2.7114	8.8000e-004	0.0000	2.7299
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	4.0000e-005	3.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0704	0.0704	0.0000	0.0000	0.0705
Total	2.0000e-005	4.0000e-005	3.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0704	0.0704	0.0000	0.0000	0.0705

3.4 Building Construction - 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					
Off-Road	0.4775	3.9189	2.4462	3.5000e-003		0.2762	0.2762		0.2598	0.2598	0.0000	318.4126	318.4126	0.0799	0.0000	320.0903
Total	0.4775	3.9189	2.4462	3.5000e-003		0.2762	0.2762		0.2598	0.2598	0.0000	318.4126	318.4126	0.0799	0.0000	320.0903

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.6640	53.9715	72.9798	0.1116	3.0194	0.8670	3.8864	0.8647	0.7970	1.6618	0.0000	10,222.0074	10,222.0074	0.0915	0.0000	10,223.9290
Worker	6.3141	9.2466	90.6088	0.1618	13.6401	0.1178	13.7579	3.6274	0.1076	3.7350	0.0000	12,754.0824	12,754.0824	0.7477	0.0000	12,769.7830
Total	12.9781	63.2181	163.5886	0.2734	16.6594	0.9848	17.6443	4.4921	0.9046	5.3967	0.0000	22,976.0897	22,976.0897	0.8392	0.0000	22,993.7120

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4775	3.9189	2.4462	3.5000e-003		0.2762	0.2762		0.2598	0.2598	0.0000	318.4122	318.4122	0.0799	0.0000	320.0899
Total	0.4775	3.9189	2.4462	3.5000e-003		0.2762	0.2762		0.2598	0.2598	0.0000	318.4122	318.4122	0.0799	0.0000	320.0899

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.6640	53.9715	72.9798	0.1116	3.0194	0.8670	3.8864	0.8647	0.7970	1.6618	0.0000	10,222.0074	10,222.0074	0.0915	0.0000	10,223.9290
Worker	6.3141	9.2466	90.6088	0.1618	13.6401	0.1178	13.7579	3.6274	0.1076	3.7350	0.0000	12,754.0824	12,754.0824	0.7477	0.0000	12,769.7830
Total	12.9781	63.2181	163.5886	0.2734	16.6594	0.9848	17.6443	4.4921	0.9046	5.3967	0.0000	22,976.0897	22,976.0897	0.8392	0.0000	22,993.7120

3.4 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	0.4445	3.7201	2.4151	3.5000e-003		0.2567	0.2567		0.2412	0.2412	0.0000	316.0104	316.0104	0.0784	0.0000	317.6563
Total	0.4445	3.7201	2.4151	3.5000e-003		0.2567	0.2567		0.2412	0.2412	0.0000	316.0104	316.0104	0.0784	0.0000	317.6563

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8772	46.9476	67.4652	0.1113	3.0197	0.6930	3.7127	0.8649	0.6371	1.5020	0.0000	10,102.5701	10,102.5701	0.0808	0.0000	10,104.2676

Worker	5.6446	8.2932	80.9877	0.1617	13.6401	0.1111	13.7512	3.6274	0.1019	3.7292	0.0000	12,317.8178	12,317.8178	0.6824	0.0000	12,332.1484
Total	11.5218	55.2408	148.4529	0.2730	16.6597	0.8042	17.4639	4.4922	0.7390	5.2312	0.0000	22,420.3880	22,420.3880	0.7632	0.0000	22,436.4159

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4445	3.7201	2.4151	3.5000e-003		0.2567	0.2567		0.2412	0.2412	0.0000	316.0101	316.0101	0.0784	0.0000	317.6560
Total	0.4445	3.7201	2.4151	3.5000e-003		0.2567	0.2567		0.2412	0.2412	0.0000	316.0101	316.0101	0.0784	0.0000	317.6560

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8772	46.9476	67.4652	0.1113	3.0197	0.6930	3.7127	0.8649	0.6371	1.5020	0.0000	10,102.5701	10,102.5701	0.0808	0.0000	10,104.2676
Worker	5.6446	8.2932	80.9877	0.1617	13.6401	0.1111	13.7512	3.6274	0.1019	3.7292	0.0000	12,317.8178	12,317.8178	0.6824	0.0000	12,332.1484
Total	11.5218	55.2408	148.4529	0.2730	16.6597	0.8042	17.4639	4.4922	0.7390	5.2312	0.0000	22,420.3880	22,420.3880	0.7632	0.0000	22,436.4159

3.4 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	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3228	311.3228	0.0766	0.0000	312.9319
Total	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3228	311.3228	0.0766	0.0000	312.9319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.4262	41.9340	63.9316	0.1107	3.0084	0.5976	3.6059	0.8616	0.5494	1.4111	0.0000	9,895.6987	9,895.6987	0.0764	0.0000	9,897.3039
Worker	4.9671	7.3916	71.6120	0.1610	13.5878	0.1055	13.6933	3.6135	0.0971	3.7106	0.0000	11,802.4967	11,802.4967	0.6207	0.0000	11,815.5306
Total	10.3932	49.3256	135.5436	0.2717	16.5962	0.7031	17.2992	4.4751	0.6466	5.1216	0.0000	21,698.1954	21,698.1954	0.6971	0.0000	21,712.8344

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Off-Road	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3225	311.3225	0.0766	0.0000
Total	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3225	311.3225	0.0766	0.0000	312.9315

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.4262	41.9340	63.9316	0.1107	3.0084	0.5976	3.6059	0.8616	0.5494	1.4111	0.0000	9,895.6987	9,895.6987	0.0764	0.0000	9,897.3039
Worker	4.9671	7.3916	71.6120	0.1610	13.5878	0.1055	13.6933	3.6135	0.0971	3.7106	0.0000	11,802.4967	11,802.4967	0.6207	0.0000	11,815.5306
Total	10.3932	49.3256	135.5436	0.2717	16.5962	0.7031	17.2992	4.4751	0.6466	5.1216	0.0000	21,698.1954	21,698.1954	0.6971	0.0000	21,712.8344

3.4 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	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723
Total	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8174	38.1439	59.6108	0.1109	3.0193	0.5557	3.5750	0.8647	0.5111	1.3758	0.0000	9,758.6341	9,758.6341	0.0754	0.0000	9,760.2173
Worker	4.4426	6.6838	64.2923	0.1615	13.6401	0.1024	13.7425	3.6274	0.0946	3.7220	0.0000	11,406.8626	11,406.8626	0.5730	0.0000	11,418.8957
Total	9.2600	44.8277	123.9031	0.2724	16.6594	0.6581	17.3175	4.4921	0.6057	5.0977	0.0000	21,165.4967	21,165.4967	0.6484	0.0000	21,179.1130

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720
Total	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8174	38.1439	59.6108	0.1109	3.0193	0.5557	3.5750	0.8647	0.5111	1.3758	0.0000	9,758.6341	9,758.6341	0.0754	0.0000	9,760.2173
Worker	4.4426	6.6838	64.2923	0.1615	13.6401	0.1024	13.7425	3.6274	0.0946	3.7220	0.0000	11,406.8626	11,406.8626	0.5730	0.0000	11,418.8957
Total	9.2600	44.8277	123.9031	0.2724	16.6594	0.6581	17.3175	4.4921	0.6057	5.0977	0.0000	21,165.4967	21,165.4967	0.6484	0.0000	21,179.1130

3.4 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	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4769	34.8143	57.0959	0.1107	3.0186	0.5165	3.5351	0.8644	0.4751	1.3395	0.0000	9,589.7785	9,589.7785	0.0736	0.0000	9,591.3249
Worker	4.0355	6.0858	58.2989	0.1615	13.6401	0.1002	13.7403	3.6274	0.0928	3.7202	0.0000	10,995.2723	10,995.2723	0.5326	0.0000	11,006.4577
Total	8.5124	40.9001	115.3948	0.2722	16.6587	0.6167	17.2754	4.4918	0.5679	5.0597	0.0000	20,585.0508	20,585.0508	0.6063	0.0000	20,597.7826

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4769	34.8143	57.0959	0.1107	3.0186	0.5165	3.5351	0.8644	0.4751	1.3395	0.0000	9,589.7785	9,589.7785	0.0736	0.0000	9,591.3249

Worker	4.0355	6.0858	58.2989	0.1615	13.6401	0.1002	13.7403	3.6274	0.0928	3.7202	0.0000	10,995.2723	10,995.2723	0.5326	0.0000	11,006.4577
Total	8.5124	40.9001	115.3948	0.2722	16.6587	0.6167	17.2754	4.4918	0.5679	5.0597	0.0000	20,585.0508	20,585.0508	0.6063	0.0000	20,597.7826

3.4 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	1.0600e-003	9.5400e-003	8.4000e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.2000e-004	5.2000e-004	0.0000	1.1533	1.1533	2.8000e-004	0.0000	1.1592
Total	1.0600e-003	9.5400e-003	8.4000e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.2000e-004	5.2000e-004	0.0000	1.1533	1.1533	2.8000e-004	0.0000	1.1592

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0160	0.1139	0.2109	4.2000e-004	0.0116	1.7700e-003	0.0133	3.3100e-003	1.6300e-003	4.9400e-003	0.0000	35.9004	35.9004	2.7000e-004	0.0000	35.9061
Worker	0.0143	0.0214	0.2053	6.2000e-004	0.0523	3.8000e-004	0.0526	0.0139	3.5000e-004	0.0143	0.0000	40.4290	40.4290	1.9200e-003	0.0000	40.4693
Total	0.0303	0.1353	0.4162	1.0400e-003	0.0638	2.1500e-003	0.0660	0.0172	1.9800e-003	0.0192	0.0000	76.3294	76.3294	2.1900e-003	0.0000	76.3754

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0600e-003	9.5400e-003	8.4000e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.2000e-004	5.2000e-004	0.0000	1.1533	1.1533	2.8000e-004	0.0000	1.1592
Total	1.0600e-003	9.5400e-003	8.4000e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.2000e-004	5.2000e-004	0.0000	1.1533	1.1533	2.8000e-004	0.0000	1.1592

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0160	0.1139	0.2109	4.2000e-004	0.0116	1.7700e-003	0.0133	3.3100e-003	1.6300e-003	4.9400e-003	0.0000	35.9004	35.9004	2.7000e-004	0.0000	35.9061
Worker	0.0143	0.0214	0.2053	6.2000e-004	0.0523	3.8000e-004	0.0526	0.0139	3.5000e-004	0.0143	0.0000	40.4290	40.4290	1.9200e-003	0.0000	40.4693
Total	0.0303	0.1353	0.4162	1.0400e-003	0.0638	2.1500e-003	0.0660	0.0172	1.9800e-003	0.0192	0.0000	76.3294	76.3294	2.1900e-003	0.0000	76.3754

3.5 Paving - 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
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Total	0.3024	3.2854	1.9546	2.9100e-003		0.1846	0.1846		0.1699	0.1699	0.0000	277.0146	277.0146	0.0827	0.0000	278.7514
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2500e-003	0.0121	0.1184	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.4000e-004	4.8800e-003	0.0000	16.6647	16.6647	9.8000e-004	0.0000	16.6853
Total	8.2500e-003	0.0121	0.1184	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.4000e-004	4.8800e-003	0.0000	16.6647	16.6647	9.8000e-004	0.0000	16.6853

3.5 Paving - 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	0.2727	2.9214	1.9337	2.9100e-003		0.1646	0.1646		0.1514	0.1514	0.0000	274.2303	274.2303	0.0827	0.0000	275.9674
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2727	2.9214	1.9337	2.9100e-003		0.1646	0.1646		0.1514	0.1514	0.0000	274.2303	274.2303	0.0827	0.0000	275.9674

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3800e-003	0.0108	0.1058	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.3000e-004	4.8700e-003	0.0000	16.0947	16.0947	8.9000e-004	0.0000	16.1134
Total	7.3800e-003	0.0108	0.1058	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.3000e-004	4.8700e-003	0.0000	16.0947	16.0947	8.9000e-004	0.0000	16.1134

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2727	2.9214	1.9337	2.9100e-003		0.1646	0.1646		0.1514	0.1514	0.0000	274.2300	274.2300	0.0827	0.0000	275.9670
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2727	2.9214	1.9337	2.9100e-003		0.1646	0.1646		0.1514	0.1514	0.0000	274.2300	274.2300	0.0827	0.0000	275.9670

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3800e-003	0.0108	0.1058	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.3000e-004	4.8700e-003	0.0000	16.0947	16.0947	8.9000e-004	0.0000	16.1134
Total	7.3800e-003	0.0108	0.1058	2.1000e-004	0.0178	1.5000e-004	0.0180	4.7400e-003	1.3000e-004	4.8700e-003	0.0000	16.0947	16.0947	8.9000e-004	0.0000	16.1134

3.5 Paving - 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	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0144	269.0144	0.0824	0.0000	270.7454
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0144	269.0144	0.0824	0.0000	270.7454

Unmitigated Construction Off-Site

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

Worker	6.4900e-003	9.6600e-003	0.0936	2.1000e-004	0.0178	1.4000e-004	0.0179	4.7200e-003	1.3000e-004	4.8500e-003	0.0000	15.4214	15.4214	8.1000e-004	0.0000	15.4384
Total	6.4900e-003	9.6600e-003	0.0936	2.1000e-004	0.0178	1.4000e-004	0.0179	4.7200e-003	1.3000e-004	4.8500e-003	0.0000	15.4214	15.4214	8.1000e-004	0.0000	15.4384

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0141	269.0141	0.0824	0.0000	270.7450
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0141	269.0141	0.0824	0.0000	270.7450

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4900e-003	9.6600e-003	0.0936	2.1000e-004	0.0178	1.4000e-004	0.0179	4.7200e-003	1.3000e-004	4.8500e-003	0.0000	15.4214	15.4214	8.1000e-004	0.0000	15.4384
Total	6.4900e-003	9.6600e-003	0.0936	2.1000e-004	0.0178	1.4000e-004	0.0179	4.7200e-003	1.3000e-004	4.8500e-003	0.0000	15.4214	15.4214	8.1000e-004	0.0000	15.4384

3.5 Paving - 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	0.2103	2.2397	1.8915	2.9100e-003		0.1225	0.1225		0.1127	0.1127	0.0000	265.8121	265.8121	0.0828	0.0000	267.5499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2103	2.2397	1.8915	2.9100e-003		0.1225	0.1225		0.1127	0.1127	0.0000	265.8121	265.8121	0.0828	0.0000	267.5499

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-003	8.7300e-003	0.0840	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.9044	14.9044	7.5000e-004	0.0000	14.9202
Total	5.8000e-003	8.7300e-003	0.0840	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.9044	14.9044	7.5000e-004	0.0000	14.9202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.1861	1.9491	1.8747	2.9100e-003		0.1056	0.1056		0.0972	0.0972	0.0000	261.5151	261.5151	0.0827	0.0000	263.2526
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2700e-003	7.9500e-003	0.0762	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.3667	14.3667	7.0000e-004	0.0000	14.3813
Total	5.2700e-003	7.9500e-003	0.0762	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.3667	14.3667	7.0000e-004	0.0000	14.3813

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1861	1.9491	1.8747	2.9100e-003		0.1056	0.1056		0.0972	0.0972	0.0000	261.5147	261.5147	0.0827	0.0000	263.2523
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1861	1.9491	1.8747	2.9100e-003		0.1056	0.1056		0.0972	0.0972	0.0000	261.5147	261.5147	0.0827	0.0000	263.2523

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2700e-003	7.9500e-003	0.0762	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.3667	14.3667	7.0000e-004	0.0000	14.3813
Total	5.2700e-003	7.9500e-003	0.0762	2.1000e-004	0.0178	1.3000e-004	0.0180	4.7400e-003	1.2000e-004	4.8600e-003	0.0000	14.3667	14.3667	7.0000e-004	0.0000	14.3813

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7000e-004	6.8900e-003	7.1800e-003	1.0000e-005		3.7000e-004	3.7000e-004		3.4000e-004	3.4000e-004	0.0000	0.9801	0.9801	3.2000e-004	0.0000	0.9868
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.7000e-004	6.8900e-003	7.1800e-003	1.0000e-005		3.7000e-004	3.7000e-004		3.4000e-004	3.4000e-004	0.0000	0.9801	0.9801	3.2000e-004	0.0000	0.9868

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Worker	2.0000e-005	3.0000e-005	2.7000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529
Total	2.0000e-005	3.0000e-005	2.7000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529

3.6 Architectural Coating - 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					
Archit. Coating	41.6902					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0531	0.3354	0.2482	3.9000e-004		0.0288	0.0288		0.0288	0.0288	0.0000	33.3200	33.3200	4.3400e-003	0.0000	33.4111
Total	41.7433	0.3354	0.2482	3.9000e-004		0.0288	0.0288		0.0288	0.0288	0.0000	33.3200	33.3200	4.3400e-003	0.0000	33.4111

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2628	1.8493	18.1218	0.0324	2.7280	0.0236	2.7516	0.7255	0.0215	0.7470	0.0000	2,550.8165	2,550.8165	0.1495	0.0000	2,553.9566
Total	1.2628	1.8493	18.1218	0.0324	2.7280	0.0236	2.7516	0.7255	0.0215	0.7470	0.0000	2,550.8165	2,550.8165	0.1495	0.0000	2,553.9566

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	41.6902					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0531	0.3354	0.2482	3.9000e-004		0.0288	0.0288		0.0288	0.0288	0.0000	33.3199	33.3199	4.3400e-003	0.0000	33.4110
Total	41.7433	0.3354	0.2482	3.9000e-004		0.0288	0.0288		0.0288	0.0288	0.0000	33.3199	33.3199	4.3400e-003	0.0000	33.4110

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2628	1.8493	18.1218	0.0324	2.7280	0.0236	2.7516	0.7255	0.0215	0.7470	0.0000	2,550.8165	2,550.8165	0.1495	0.0000	2,553.9566
Total	1.2628	1.8493	18.1218	0.0324	2.7280	0.0236	2.7516	0.7255	0.0215	0.7470	0.0000	2,550.8165	2,550.8165	0.1495	0.0000	2,553.9566

3.6 Architectural Coating - 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
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Category	tons/yr									MT/yr						
Archit. Coating	41.6902					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	0.0481	0.3096	0.2459	3.9000e-004		0.0257	0.0257		0.0257	0.0257	0.0000	33.3200	33.3200	3.9300e-003	0.0000	33.4025
Total	41.7383	0.3096	0.2459	3.9000e-004		0.0257	0.0257		0.0257	0.0257	0.0000	33.3200	33.3200	3.9300e-003	0.0000	33.4025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1289	1.6587	16.1975	0.0323	2.7280	0.0222	2.7502	0.7255	0.0204	0.7458	0.0000	2,463.5636	2,463.5636	0.1365	0.0000	2,466.4297
Total	1.1289	1.6587	16.1975	0.0323	2.7280	0.0222	2.7502	0.7255	0.0204	0.7458	0.0000	2,463.5636	2,463.5636	0.1365	0.0000	2,466.4297

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.6902					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0481	0.3096	0.2459	3.9000e-004		0.0257	0.0257		0.0257	0.0257	0.0000	33.3199	33.3199	3.9300e-003	0.0000	33.4024

Total	41.7383	0.3096	0.2459	3.9000e-004		0.0257	0.0257		0.0257	0.0257	0.0000	33.3199	33.3199	3.9300e-003	0.0000	33.4024
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1289	1.6587	16.1975	0.0323	2.7280	0.0222	2.7502	0.7255	0.0204	0.7458	0.0000	2,463.5636	2,463.5636	0.1365	0.0000	2,466.4297
Total	1.1289	1.6587	16.1975	0.0323	2.7280	0.0222	2.7502	0.7255	0.0204	0.7458	0.0000	2,463.5636	2,463.5636	0.1365	0.0000	2,466.4297

3.6 Architectural Coating - 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					
Archit. Coating	41.5305					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0432	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659
Total	41.5737	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.9934	1.4783	14.3224	0.0322	2.7176	0.0211	2.7387	0.7227	0.0194	0.7421	0.0000	2,360.4993	2,360.4993	0.1241	0.0000	2,363.1061
Total	0.9934	1.4783	14.3224	0.0322	2.7176	0.0211	2.7387	0.7227	0.0194	0.7421	0.0000	2,360.4993	2,360.4993	0.1241	0.0000	2,363.1061

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.5305					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0432	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659
Total	41.5737	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.9934	1.4783	14.3224	0.0322	2.7176	0.0211	2.7387	0.7227	0.0194	0.7421	0.0000	2,360.4993	2,360.4993	0.1241	0.0000	2,363.1061
Total	0.9934	1.4783	14.3224	0.0322	2.7176	0.0211	2.7387	0.7227	0.0194	0.7421	0.0000	2,360.4993	2,360.4993	0.1241	0.0000	2,363.1061

3.6 Architectural Coating - 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					
Archit. Coating	41.6902					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865
Total	41.7292	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865

Unmitigated Construction Off-Site

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

Worker	0.8885	1.3368	12.8585	0.0323	2.7280	0.0205	2.7485	0.7255	0.0189	0.7444	0.0000	2,281.3725	2,281.3725	0.1146	0.0000	2,283.7791
Total	0.8885	1.3368	12.8585	0.0323	2.7280	0.0205	2.7485	0.7255	0.0189	0.7444	0.0000	2,281.3725	2,281.3725	0.1146	0.0000	2,283.7791

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.6902					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865
Total	41.7292	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8885	1.3368	12.8585	0.0323	2.7280	0.0205	2.7485	0.7255	0.0189	0.7444	0.0000	2,281.3725	2,281.3725	0.1146	0.0000	2,283.7791
Total	0.8885	1.3368	12.8585	0.0323	2.7280	0.0205	2.7485	0.7255	0.0189	0.7444	0.0000	2,281.3725	2,281.3725	0.1146	0.0000	2,283.7791

3.6 Architectural Coating - 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					
Archit. Coating	41.6902					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0348	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3791
Total	41.7250	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3791

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8071	1.2172	11.6598	0.0323	2.7280	0.0200	2.7481	0.7255	0.0186	0.7440	0.0000	2,199.0545	2,199.0545	0.1065	0.0000	2,201.2915
Total	0.8071	1.2172	11.6598	0.0323	2.7280	0.0200	2.7481	0.7255	0.0186	0.7440	0.0000	2,199.0545	2,199.0545	0.1065	0.0000	2,201.2915

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr									MT/yr							
Archit. Coating	41.6902						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	0.0348	0.2395	0.2403	3.9000e-004			0.0168	0.0168		0.0168	0.0168	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3790
Total	41.7250	0.2395	0.2403	3.9000e-004			0.0168	0.0168		0.0168	0.0168	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3790

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8071	1.2172	11.6598	0.0323	2.7280	0.0200	2.7481	0.7255	0.0186	0.7440	0.0000	2,199.0545	2,199.0545	0.1065	0.0000	2,201.2915
Total	0.8071	1.2172	11.6598	0.0323	2.7280	0.0200	2.7481	0.7255	0.0186	0.7440	0.0000	2,199.0545	2,199.0545	0.1065	0.0000	2,201.2915

3.6 Architectural Coating - 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					
Archit. Coating	0.1597						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2000e-004	8.4000e-004	9.2000e-004	0.0000			6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1279

Total	0.1599	8.4000e-004	9.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1279
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8600e-003	4.2900e-003	0.0411	1.2000e-004	0.0105	8.0000e-005	0.0105	2.7800e-003	7.0000e-005	2.8500e-003	0.0000	8.0858	8.0858	3.8000e-004	0.0000	8.0939
Total	2.8600e-003	4.2900e-003	0.0411	1.2000e-004	0.0105	8.0000e-005	0.0105	2.7800e-003	7.0000e-005	2.8500e-003	0.0000	8.0858	8.0858	3.8000e-004	0.0000	8.0939

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2000e-004	8.4000e-004	9.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1279
Total	0.1599	8.4000e-004	9.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1279

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8600e-003	4.2900e-003	0.0411	1.2000e-004	0.0105	8.0000e-005	0.0105	2.7800e-003	7.0000e-005	2.8500e-003	0.0000	8.0858	8.0858	3.8000e-004	0.0000	8.0939
Total	2.8600e-003	4.2900e-003	0.0411	1.2000e-004	0.0105	8.0000e-005	0.0105	2.7800e-003	7.0000e-005	2.8500e-003	0.0000	8.0858	8.0858	3.8000e-004	0.0000	8.0939

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	311.4342	632.5105	3,047.5496	4.4192	310.8286	8.3518	319.1804	83.2429	7.6564	90.8993	0.0000	369,575.1468	369,575.1468	19.5098	0.0000	369,984.8532
Unmitigated	311.4342	632.5105	3,047.5496	4.4192	310.8286	8.3518	319.1804	83.2429	7.6564	90.8993	0.0000	369,575.1468	369,575.1468	19.5098	0.0000	369,984.8532

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	37,477.33	40,718.92	34,520.09	83,753,801	83,753,801
General Light Industry	20,460.44	3,874.86	1,996.14	45,116,113	45,116,113

General Light Industry	1,877.02	355.48	183.12	4,138,910	4,138,910
General Office Building	34,889.59	7,510.29	3105.52	63,179,520	63,179,520
Hotel	231.21	231.78	168.39	422,386	422,386
Junior College (2Yr)	6,000.00	2,100.00	200.00	11,718,149	11,718,149
Place of Worship	1,246.25	1,418.62	5010.98	3,383,496	3,383,496
Regional Shopping Center	139,074.07	161,842.84	81747.31	235,183,427	235,183,427
Regional Shopping Center	130,000.85	151,284.18	76414.10	219,840,010	219,840,010
Single Family Housing	75,861.39	79,904.16	69519.79	168,617,273	168,617,273
Total	447,118.15	449,241.11	272,865.45	835,353,085	835,353,085

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1
Place of Worship	9.50	7.30	7.30	0.00	95.00	5.00	64	25	11
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Single Family Housing	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.526919	0.065238	0.176274	0.147663	0.036918	0.004962	0.009404	0.019426	0.001222	0.001497	0.006279	0.002142	0.002057

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	70,596.8976	70,596.8976	3.1922	0.6605	70,868.6739
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	71,329.1774	71,329.1774	3.2253	0.6673	71,603.7727
NaturalGas Mitigated	2.7510	24.0058	13.6524	0.1501		1.9007	1.9007		1.9007	1.9007	0.0000	27,225.0100	27,225.0100	0.5218	0.4991	27,390.6969
NaturalGas Unmitigated	2.7510	24.0058	13.6524	0.1501		1.9007	1.9007		1.9007	1.9007	0.0000	27,225.0100	27,225.0100	0.5218	0.4991	27,390.6969

5.2 Energy by Land Use - NaturalGas Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	6.13142e+07	0.3306	2.8253	1.2022	0.0180		0.2284	0.2284		0.2284	0.2284	0.0000	3,271.9603	3,271.9603	0.0627	0.0600	3,291.0
General Light Industry	7.38151e+06	0.0398	0.3618	0.3039	2.1700e-003		0.0275	0.0275		0.0275	0.0275	0.0000	393.9056	393.9056	7.5500e-003	7.2200e-003	396.5
General Light Industry	8.04621e+07	0.4339	3.9442	3.3131	0.0237		0.2998	0.2998		0.2998	0.2998	0.0000	4,293.7617	4,293.7617	0.0823	0.0787	4,319
General Office Building	5.45685e+07	0.2942	2.6749	2.2469	0.0161		0.2033	0.2033		0.2033	0.2033	0.0000	2,911.9807	2,911.9807	0.0558	0.0534	2,929
Hotel	1.90583e+06	0.0103	0.0934	0.0785	5.6000e-004		7.1000e-003	7.1000e-003		7.1000e-003	7.1000e-003	0.0000	101.7023	101.7023	1.9500e-003	1.8600e-003	102.5
Junior College (2Yr)	5.50455e+06	0.0297	0.2698	0.2267	1.6200e-003		0.0205	0.0205		0.0205	0.0205	0.0000	293.7436	293.7436	5.6300e-003	5.3900e-003	295.5
Place of Worship	3.74969e+06	0.0202	0.1838	0.1544	1.1000e-003		0.0140	0.0140		0.0140	0.0140	0.0000	200.0976	200.0976	3.8400e-003	3.6700e-003	201.5

Regional Shopping Center	7.53848e+06	0.0407	0.3695	0.3104	2.2200e-003		0.0281	0.0281		0.0281	0.0281	0.0000	402.2817	402.2817	7.7100e-003	7.3800e-003	404.7
Regional Shopping Center	8.06461e+06	0.0435	0.3953	0.3321	2.3700e-003		0.0300	0.0300		0.0300	0.0300	0.0000	430.3584	430.3584	8.2500e-003	7.8900e-003	432.9
Single Family Housing	2.79688e+08	1.5081	12.8876	5.4841	0.0823		1.0420	1.0420		1.0420	1.0420	0.0000	14,925.2181	14,925.2181	0.2861	0.2736	15,016
Total		2.7510	24.0057	13.6524	0.1501		1.9007	1.9007		1.9007	1.9007	0.0000	27,225.0100	27,225.0100	0.5218	0.4991	27,390

Mitigated

	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	CO
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	7.38151e+06	0.0398	0.3618	0.3039	2.1700e-003		0.0275	0.0275		0.0275	0.0275	0.0000	393.9056	393.9056	7.5500e-003	7.2200e-003	396.3
General Light Industry	8.04621e+07	0.4339	3.9442	3.3131	0.0237		0.2998	0.2998		0.2998	0.2998	0.0000	4,293.7617	4,293.7617	0.0823	0.0787	4,319
General Office Building	5.45685e+07	0.2942	2.6749	2.2469	0.0161		0.2033	0.2033		0.2033	0.2033	0.0000	2,911.9807	2,911.9807	0.0558	0.0534	2,929
Hotel	1.90583e+06	0.0103	0.0934	0.0785	5.6000e-004		7.1000e-003	7.1000e-003		7.1000e-003	7.1000e-003	0.0000	101.7023	101.7023	1.9500e-003	1.8600e-003	102.3
Junior College (2Yr)	5.50455e+06	0.0297	0.2698	0.2267	1.6200e-003		0.0205	0.0205		0.0205	0.0205	0.0000	293.7436	293.7436	5.6300e-003	5.3900e-003	295.9
Place of Worship	3.74969e+06	0.0202	0.1838	0.1544	1.1000e-003		0.0140	0.0140		0.0140	0.0140	0.0000	200.0976	200.0976	3.8400e-003	3.6700e-003	201.3
Regional Shopping Center	7.53848e+06	0.0407	0.3695	0.3104	2.2200e-003		0.0281	0.0281		0.0281	0.0281	0.0000	402.2817	402.2817	7.7100e-003	7.3800e-003	404.7
Regional Shopping Center	8.06461e+06	0.0435	0.3953	0.3321	2.3700e-003		0.0300	0.0300		0.0300	0.0300	0.0000	430.3584	430.3584	8.2500e-003	7.8900e-003	432.9
Single Family Housing	2.79688e+08	1.5081	12.8876	5.4841	0.0823		1.0420	1.0420		1.0420	1.0420	0.0000	14,925.2181	14,925.2181	0.2861	0.2736	15,016
Apartments Low Rise:	6.13142e+07	0.3306	2.8253	1.2022	0.0180		0.2284	0.2284		0.2284	0.2284	0.0000	3,271.9603	3,271.9603	0.0627	0.0600	3,291
Total		2.7510	24.0057	13.6524	0.1501		1.9007	1.9007		1.9007	1.9007	0.0000	27,225.0100	27,225.0100	0.5218	0.4991	27,390

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise:	2.09379e+07	6,091.0708	0.2754	0.0570	6,114.5195
General Light Industry	2.43178e+06	707.4324	0.0320	6.6200e-003	710.1558
General Light Industry	2.65076e+07	7,711.3546	0.3487	0.0721	7,741.0410
General Office Building	6.2459e+007	18,170.0448	0.8216	0.1700	18,239.9939
Hotel	346813	100.8919	4.5600e-003	9.4000e-004	101.2803
Junior College (2Yr)	1.95344e+06	568.2774	0.0257	5.3200e-003	570.4651
Place of Worship	1.2353e+006	359.3641	0.0163	3.3600e-003	360.7475
Regional Shopping Center	3.53915e+07	10,295.7859	0.4656	0.0963	10,335.4215
Regional Shopping Center	3.78616e+07	11,014.3654	0.4980	0.1030	11,056.7674
Single Family Housing	5.60672e+07	16,310.5900	0.7375	0.1526	16,373.3808
Total		71,329.1774	3.2253	0.6673	71,603.7727

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise:	2.02579e+07	5,893.2608	0.2665	0.0551	5,915.9481

General Light Industry	2.43178e+06	707.4324	0.0320	6.6200e-003	710.1558
General Light Industry	2.65076e+07	7,711.3546	0.3487	0.0721	7,741.0410
General Office Building	6.2459e+007	18,170.0448	0.8216	0.1700	18,239.9939
Hotel	346813	100.8919	4.5600e-003	9.4000e-004	101.2803
Junior College (2Yr)	1.95344e+06	568.2774	0.0257	5.3200e-003	570.4651
Place of Worship	1.2353e+006	359.3641	0.0163	3.3600e-003	360.7475
Regional Shopping Center	3.53915e+07	10,295.7859	0.4656	0.0963	10,335.4215
Regional Shopping Center	3.78616e+07	11,014.3654	0.4980	0.1030	11,056.7674
Single Family Housing	5.423e+007	15,776.1202	0.7134	0.1476	15,836.8534
Total		70,596.8976	3.1922	0.6605	70,868.6739

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	153.1642	1.2291	103.7299	5.3500e-003		0.6027	0.6027		0.6021	0.6021	0.0000	912.8495	912.8495	0.1913	0.0137	921.1152

Unmitigated	204.0975	2.1800	181.6533	0.0860		11.9026	11.9026		11.9023	11.9023	1,189.5643	623.1306	1,812.6949	2.7092	0.0657	1,889.9627
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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	20.8451					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	128.8493					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	51.0088	0.9509	77.9275	0.0806		11.3521	11.3521		11.3518	11.3518	1,189.5643	457.6910	1,647.2554	2.5322	0.0657	1,720.8060
Landscaping	3.3943	1.2291	103.7258	5.3500e-003		0.5505	0.5505		0.5505	0.5505	0.0000	165.4396	165.4396	0.1770	0.0000	169.1567
Total	204.0975	2.1800	181.6533	0.0860		11.9026	11.9026		11.9023	11.9023	1,189.5643	623.1306	1,812.6949	2.7092	0.0657	1,889.9627

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	20.8451					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	128.8493					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0755	0.0000	4.1200e-003	0.0000		0.0522	0.0522		0.0516	0.0516	0.0000	747.4099	747.4099	0.0143	0.0137	751.9585

Landscaping	3.3943	1.2291	103.7258	5.3500e-003		0.5505	0.5505		0.5505	0.5505	0.0000	165.4396	165.4396	0.1770	0.0000	169.1567
Total	153.1642	1.2291	103.7299	5.3500e-003		0.6027	0.6027		0.6021	0.6021	0.0000	912.8495	912.8495	0.1913	0.0137	921.1152

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	5,200.9532	69.8247	1.6839	7,189.2721
Unmitigated	6,286.7045	87.2871	2.1061	8,772.6293

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise:	370.531 / 233.596	938.6580	12.1109	0.2928	1,283.7450

General Light Industry	741.11 / 0	1,401.7175	24.2018	0.5811	2,090.1050
General Office Building	563.22 / 345.2	1,416.7405	18.4085	0.4449	1,941.2465
Hotel	0.71788 / 0.0797644	1.4390	0.0235	5.6000e-004	2.1061
Junior College (2Yr)	10.7055 / 16.7445	37.2972	0.3504	8.5500e-003	47.3068
Place of Worship	4.28032 / 6.69486	14.9123	0.1401	3.4200e-003	18.9144
Regional Shopping Center	464.161 / 284.486	1,167.5626	15.1708	0.3667	1,599.8180
Single Family Housing	516.476 / 325.604	1,308.3773	16.8811	0.4081	1,789.3875
Total		6,286.7045	87.2871	2.1061	8,772.6293

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise:	296.425 / 219.346	783.9868	9.6884	0.2342	1,060.0337
General Light Industry	592.888 / 0	1,121.3740	19.3579	0.4642	1,671.7839
General Office Building	450.576 / 324.142	1,182.2479	14.7264	0.3558	1,601.8128
Hotel	0.574304 / 0.0748988	1.1625	0.0188	4.5000e-004	1.6959
Junior College (2Yr)	8.5644 / 15.7231	32.2076	0.2804	6.8500e-003	40.2200
Place of Worship	3.42426 / 6.28648	12.8774	0.1121	2.7400e-003	16.0810
Regional Shopping Center	371.329 / 267.132	974.3129	12.1363	0.2933	1,320.0842
Single Family Housing	413.181 / 305.743	1,092.7842	13.5045	0.3264	1,477.5606

Total		5,200.9533	69.8247	1.6839	7,189.2721
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8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	5,551.0396	328.0570	0.0000	12,440.2375
Unmitigated	5,551.0396	328.0570	0.0000	12,440.2375

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	2616.02	531.0284	31.3829	0.0000	1,190.0689
General Light Industry	3973.95	806.6759	47.6732	0.0000	1,807.8128
General Office Building	2947.08	598.2306	35.3544	0.0000	1,340.6733
Hotel	15.49	3.1443	0.1858	0.0000	7.0467

Junior College (2Yr)	912.5	185.2293	10.9467	0.0000	415.1107
Place of Worship	779.76	158.2842	9.3543	0.0000	354.7252
Regional Shopping Center	6579.62	1,335.6034	78.9319	0.0000	2,993.1733
Single Family Housing	9521.82	1,932.8434	114.2278	0.0000	4,331.6267
Total		5,551.0396	328.0570	0.0000	12,440.2375

Mitigated

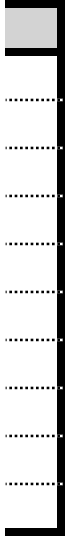
Land Use	Waste Disposed tons	Total CO2	CH4	N2O	CO2e
		MT/yr			
Apartments Low Rise:	2616.02	531.0284	31.3829	0.0000	1,190.0689
General Light Industry	3973.95	806.6759	47.6732	0.0000	1,807.8128
General Office Building	2947.08	598.2306	35.3544	0.0000	1,340.6733
Hotel	15.49	3.1443	0.1858	0.0000	7.0467
Junior College (2Yr)	912.5	185.2293	10.9467	0.0000	415.1107
Place of Worship	779.76	158.2842	9.3543	0.0000	354.7252
Regional Shopping Center	6579.62	1,335.6034	78.9319	0.0000	2,993.1733
Single Family Housing	9521.82	1,932.8434	114.2278	0.0000	4,331.6267
Total		5,551.0396	328.0570	0.0000	12,440.2375

9.0 Operational Offroad

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

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2e

.8729

3029

.8928

.7026

3212

5313

3154

7300

3775

1.0505

1.6969

2e

3029

.8928

.7026

3212

5313

3154

7300

3775

1.0505

.8729

1.6969

Brentwood General Plan Update Contra Costa County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	3,168.90	1000sqft	72.75	3,168,900.00	0
Junior College (2Yr)	5,000.00	Student	5.01	218,261.19	0
Place of Worship	136.80	1000sqft	3.14	136,800.00	0
General Light Industry	2,935.50	1000sqft	67.39	2,935,500.00	0
General Light Industry	269.30	1000sqft	6.18	269,300.00	0
Hotel	28.30	Room	0.94	41,091.60	0
Apartments Low Rise	5,687.00	Dwelling Unit	355.44	5,687,000.00	16265
Single Family Housing	7,927.00	Dwelling Unit	2,573.70	14,268,600.00	22671
Regional Shopping Center	3,238.80	1000sqft	74.35	3,238,800.00	0
Regional Shopping Center	3,027.50	1000sqft	69.50	3,027,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2014
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Acreage, square feet, and population estimates are left at default model rates. Unit amounts are adjusted consistent with the traffic assumptions.

Construction Phase - Construction schedule assumes start date of 1/1/2015. Construction phases overlap.

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	155,000.00	1,305.00
tblConstructionPhase	NumDays	15,500.00	1,305.00
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	6,000.00	1,305.00
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblGrading	AcresOfGrading	3,262.50	38,750.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2015	447.5657	669.8252	1,483.2277	2.6362	209.8155	18.3400	228.1555	58.0251	16.9213	74.9464	0.0000	243,854.4521	243,854.4521	12.9469	0.0000	244,126.3378
2016	434.7830	599.0261	1,344.5500	2.6338	209.8177	16.2609	226.0786	58.0260	15.0071	73.0331	0.0000	237,864.3662	237,864.3662	12.1744	0.0000	238,120.0284
2017	424.4579	543.4834	1,228.4368	2.6318	209.8197	14.7191	224.5388	58.0267	13.5875	71.6142	0.0000	231,016.4183	231,016.4183	11.5199	0.0000	231,258.3364
2018	412.9992	485.5484	1,110.4903	2.6292	209.8149	12.9224	222.7373	58.0247	11.9332	69.9580	0.0000	224,428.6905	224,428.6905	10.9850	0.0000	224,659.3757
2019	405.5456	442.8834	1,030.4350	2.6275	209.8099	11.7449	221.5547	58.0225	10.8469	68.8695	0.0000	218,217.7400	218,217.7400	10.5449	0.0000	218,439.1831
2020	399.5676	389.4885	965.5772	2.6261	209.8074	10.5993	220.4068	58.0214	9.7892	67.8106	0.0000	211,147.7679	211,147.7679	10.1881	0.0000	211,361.7175
Total	2,524.9190	3,130.2549	7,162.7170	15.7847	1,258.8851	84.5866	1,343.4717	348.1465	78.0853	426.2317	0.0000	1,366,529.4351	1,366,529.4351	68.3592	0.0000	1,367,964.9788

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					
2015	447.5657	669.8252	1,483.2277	2.6362	179.2474	18.3400	197.5875	48.8725	16.9213	65.7938	0.0000	243,854.4521	243,854.4521	12.9469	0.0000	244,126.3378
2016	434.7830	599.0261	1,344.5500	2.6338	179.2497	16.2609	195.5105	48.8734	15.0071	63.8805	0.0000	237,864.3662	237,864.3662	12.1744	0.0000	238,120.0283
2017	424.4579	543.4834	1,228.4368	2.6318	179.2516	14.7191	193.9707	48.8741	13.5875	62.4617	0.0000	231,016.4183	231,016.4183	11.5199	0.0000	231,258.3364
2018	412.9992	485.5484	1,110.4903	2.6292	179.2469	12.9224	192.1693	48.8721	11.9332	60.8054	0.0000	224,428.6905	224,428.6905	10.9850	0.0000	224,659.3757
2019	405.5456	442.8834	1,030.4350	2.6275	179.2418	11.7449	190.9867	48.8699	10.8469	59.7169	0.0000	218,217.7400	218,217.7400	10.5449	0.0000	218,439.1831
2020	399.5676	389.4885	965.5772	2.6261	179.2393	10.5993	189.8387	48.8688	9.7892	58.6580	0.0000	211,147.7679	211,147.7679	10.1881	0.0000	211,361.7175
Total	2,524.9190	3,130.2549	7,162.7170	15.7847	1,075.4767	84.5866	1,160.0633	293.2309	78.0853	371.3162	0.0000	1,366,529.4350	1,366,529.4350	68.3592	0.0000	1,367,964.9787

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	14.57	0.00	13.65	15.77	0.00	12.88	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	17,065.6254	228.5766	20,826.2561	6.7945		2,766.5212	2,766.5212		2,766.3978	2,766.3978	286,715.6428	187,016.5230	473,732.1658	238.0716	24.3042	486,265.9855
Energy	15.0737	131.5384	74.8074	0.8222		10.4146	10.4146		10.4146	10.4146		164,440.7479	164,440.7479	3.1518	3.0148	165,441.5069
Mobile	2,152.9769	3,865.0880	19,474.7093	30.9153	2,099.5195	54.3514	2,153.8709	560.6716	49.8255	610.4972		2,847,740.3222	2,847,740.3222	140.4627		2,850,690.0381
Total	19,233.6760	4,225.2029	40,375.7729	38.5320	2,099.5195	2,831.2872	4,930.8067	560.6716	2,826.6379	3,387.3096	286,715.6428	3,199,197.5931	3,485,913.2359	381.6861	27.3190	3,502,397.5306

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	884.7967	13.6581	1,153.9727	0.0595		24.6599	24.6599		24.4647	24.4647	0.0000	294,816.4406	294,816.4406	7.7798	5.3678	296,643.8400
Energy	15.0737	131.5384	74.8074	0.8222		10.4146	10.4146		10.4146	10.4146		164,440.7479	164,440.7479	3.1518	3.0148	165,441.5069
Mobile	2,152.9769	3,865.0880	19,474.7093	30.9153	2,099.5195	54.3514	2,153.8709	560.6716	49.8255	610.4972		2,847,740.3222	2,847,740.3222	140.4627		2,850,690.0381

Total	3,052.8474	4,010.2844	20,703.4894	31.7970	2,099.5195	89.4259	2,188.9454	560.6716	84.7048	645.3765	0.0000	3,306,997.5108	3,306,997.5108	151.3942	8.3826	3,312,775.3851
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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	84.13	5.09	48.72	17.48	0.00	96.84	55.61	0.00	97.00	80.95	100.00	-3.37	5.13	60.34	69.32	5.41

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2015	1/1/2020	5	1305	
2	Grading	Grading	1/1/2015	1/1/2020	5	1305	
3	Building Construction	Building Construction	1/1/2015	1/1/2020	5	1305	
4	Paving	Paving	1/1/2015	1/1/2020	5	1305	
5	Architectural Coating	Architectural Coating	1/1/2015	1/1/2020	5	1305	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 38750

Acres of Paving: 0

Residential Indoor: 40,410,090; Residential Outdoor: 13,470,030; Non-Residential Indoor: 19,554,229; Non-Residential Outdoor: 6,518,076

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40

Category	lb/day										lb/day				
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000		0.0000
Off-Road	5.2609	56.8897	42.6318	0.0391		3.0883	3.0883		2.8412	2.8412		4,111.7444	4,111.7444	1.2275	4,137.5225
Total	5.2609	56.8897	42.6318	0.0391	18.0663	3.0883	21.1545	9.9307	2.8412	12.7719		4,111.7444	4,111.7444	1.2275	4,137.5225

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.0990	1.1863	2.1200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		183.9496	183.9496	9.9000e-003		184.1575
Total	0.0833	0.0990	1.1863	2.1200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		183.9496	183.9496	9.9000e-003		184.1575

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	5.2609	56.8897	42.6318	0.0391		3.0883	3.0883		2.8412	2.8412	0.0000	4,111.7444	4,111.7444	1.2275		4,137.5224

Total	5.2609	56.8897	42.6318	0.0391	8.1298	3.0883	11.2181	4.4688	2.8412	7.3100	0.0000	4,111.7444	4,111.7444	1.2275		4,137.5224
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.0990	1.1863	2.1200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		183.9496	183.9496	9.9000e-003		184.1575
Total	0.0833	0.0990	1.1863	2.1200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		183.9496	183.9496	9.9000e-003		184.1575

3.2 Site Preparation - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036		4,065.0053	4,065.0053	1.2262		4,090.7544
Total	5.0771	54.6323	41.1053	0.0391	18.0663	2.9387	21.0049	9.9307	2.7036	12.6343		4,065.0053	4,065.0053	1.2262		4,090.7544

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0749	0.0889	1.0649	2.1200e-003	0.1698	1.3400e-003	0.1711	0.0450	1.2200e-003	0.0462		177.6788	177.6788	9.0400e-003		177.8686
Total	0.0749	0.0889	1.0649	2.1200e-003	0.1698	1.3400e-003	0.1711	0.0450	1.2200e-003	0.0462		177.6788	177.6788	9.0400e-003		177.8686

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036	0.0000	4,065.0053	4,065.0053	1.2262		4,090.7544
Total	5.0771	54.6323	41.1053	0.0391	8.1298	2.9387	11.0685	4.4688	2.7036	7.1724	0.0000	4,065.0053	4,065.0053	1.2262		4,090.7544

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0749	0.0889	1.0649	2.1200e-003	0.1698	1.3400e-003	0.1711	0.0450	1.2200e-003	0.0462	177.6788	177.6788	9.0400e-003	177.8686	177.8686	
Total	0.0749	0.0889	1.0649	2.1200e-003	0.1698	1.3400e-003	0.1711	0.0450	1.2200e-003	0.0462	177.6788	177.6788	9.0400e-003	177.8686	177.8686	

3.2 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339		4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646		4,003.0859	4,003.0859	1.2265		4,028.8432

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0667	0.0795	0.9503	2.1200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		170.9236	170.9236	8.2500e-003		171.0968
Total	0.0667	0.0795	0.9503	2.1200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		170.9236	170.9236	8.2500e-003		171.0968

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339	0.0000	4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	8.1298	2.7542	10.8840	4.4688	2.5339	7.0027	0.0000	4,003.0859	4,003.0859	1.2265		4,028.8432

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0667	0.0795	0.9503	2.1200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		170.9236	170.9236	8.2500e-003		171.0968
Total	0.0667	0.0795	0.9503	2.1200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		170.9236	170.9236	8.2500e-003		171.0968

3.2 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762		3,939.7731	3,939.7731	1.2265		3,965.5297
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069		3,939.7731	3,939.7731	1.2265		3,965.5297

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0599	0.0717	0.8544	2.1200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		164.5783	164.5783	7.5900e-003		164.7377
Total	0.0599	0.0717	0.8544	2.1200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		164.5783	164.5783	7.5900e-003		164.7377

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762	0.0000	3,939.7731	3,939.7731	1.2265		3,965.5297
Total	4.2921	45.6088	36.2346	0.0391	8.1298	2.3654	10.4952	4.4688	2.1762	6.6450	0.0000	3,939.7731	3,939.7731	1.2265		3,965.5297

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0599	0.0717	0.8544	2.1200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		164.5783	164.5783	7.5900e-003		164.7377
Total	0.0599	0.0717	0.8544	2.1200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		164.5783	164.5783	7.5900e-003		164.7377

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0188	42.5046	34.8088	0.0391		2.1505	2.1505		1.9784	1.9784		3,876.7233	3,876.7233	1.2266		3,902.4810

Total	4.0188	42.5046	34.8088	0.0391	18.0663	2.1505	20.2167	9.9307	1.9784	11.9091		3,876.7233	3,876.7233	1.2266		3,902.4810
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0547	0.0653	0.7783	2.1200e-003	0.1698	1.2000e-003	0.1710	0.0450	1.1200e-003	0.0461		158.6552	158.6552	7.0500e-003		158.8033
Total	0.0547	0.0653	0.7783	2.1200e-003	0.1698	1.2000e-003	0.1710	0.0450	1.1200e-003	0.0461		158.6552	158.6552	7.0500e-003		158.8033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.0188	42.5046	34.8088	0.0391		2.1505	2.1505		1.9784	1.9784	0.0000	3,876.7233	3,876.7233	1.2266		3,902.4810
Total	4.0188	42.5046	34.8088	0.0391	8.1298	2.1505	10.2803	4.4688	1.9784	6.4472	0.0000	3,876.7233	3,876.7233	1.2266		3,902.4810

Mitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0508	0.0601	0.7174	2.1200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		152.2724	152.2724	6.6300e-003		152.4116
Total	0.0508	0.0601	0.7174	2.1200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		152.2724	152.2724	6.6300e-003		152.4116

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	3.7250	38.8640	32.9264	0.0391		1.9309	1.9309		1.7764	1.7764	0.0000	3,792.2816	3,792.2816	1.2265		3,818.0381
Total	3.7250	38.8640	32.9264	0.0391	8.1298	1.9309	10.0607	4.4688	1.7764	6.2452	0.0000	3,792.2816	3,792.2816	1.2265		3,818.0381

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0508	0.0601	0.7174	2.1200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		152.2724	152.2724	6.6300e-003		152.4116
Total	0.0508	0.0601	0.7174	2.1200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		152.2724	152.2724	6.6300e-003		152.4116

3.3 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					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980		6,486.2433	6,486.2433	1.9364		6,526.9080
Total	6.7751	79.0467	50.8400	0.0618	37.5120	3.8022	41.3142	6.7104	3.4980	10.2084		6,486.2433	6,486.2433	1.9364		6,526.9080

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0926	0.1100	1.3181	2.3500e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		204.3884	204.3884	0.0110		204.6195
Total	0.0926	0.1100	1.3181	2.3500e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		204.3884	204.3884	0.0110		204.6195

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080
Total	6.7751	79.0467	50.8400	0.0618	16.8804	3.8022	20.6826	3.0197	3.4980	6.5177	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0926	0.1100	1.3181	2.3500e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		204.3884	204.3884	0.0110		204.6195
Total	0.0926	0.1100	1.3181	2.3500e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		204.3884	204.3884	0.0110		204.6195

3.3 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
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Category	lb/day										lb/day				
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000		0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350	6,455.6154
Total	6.4795	74.8137	49.1374	0.0617	37.5120	3.5842	41.0963	6.7104	3.2975	10.0079		6,414.9807	6,414.9807	1.9350	6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.0987	1.1832	2.3500e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		197.4209	197.4209	0.0100		197.6318
Total	0.0833	0.0987	1.1832	2.3500e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		197.4209	197.4209	0.0100		197.6318

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Total	6.4795	74.8137	49.1374	0.0617	16.8804	3.5842	20.4647	3.0197	3.2975	6.3172	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.0987	1.1832	2.3500e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		197.4209	197.4209	0.0100		197.6318
Total	0.0833	0.0987	1.1832	2.3500e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		197.4209	197.4209	0.0100		197.6318

3.3 Grading - 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					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	6.0991	69.5920	46.8050	0.0617	37.5120	3.3172	40.8292	6.7104	3.0518	9.7622		6,313.3690	6,313.3690	1.9344		6,353.9915

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0741	0.0884	1.0559	2.3500e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513		189.9151	189.9151	9.1700e-003		190.1076
Total	0.0741	0.0884	1.0559	2.3500e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513		189.9151	189.9151	9.1700e-003		190.1076

3.3 Grading - 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					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650		6,212.8042	6,212.8042	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	37.5120	2.7880	40.3001	6.7104	2.5650	9.2754		6,212.8042	6,212.8042	1.9341		6,253.4209

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0665	0.0796	0.9493	2.3500e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		182.8648	182.8648	8.4300e-003		183.0418
Total	0.0665	0.0796	0.9493	2.3500e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		182.8648	182.8648	8.4300e-003		183.0418

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	16.8804	2.7880	19.6684	3.0197	2.5650	5.5847	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0665	0.0796	0.9493	2.3500e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		182.8648	182.8648	8.4300e-003		183.0418
Total	0.0665	0.0796	0.9493	2.3500e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		182.8648	182.8648	8.4300e-003		183.0418

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	37.5120	2.5049	40.0170	6.7104	2.3045	9.0149		6,111.3121	6,111.3121	1.9336		6,151.9167

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0608	0.0725	0.8647	2.3500e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		176.2835	176.2835	7.8400e-003		176.4481
Total	0.0608	0.0725	0.8647	2.3500e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		176.2835	176.2835	7.8400e-003		176.4481

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	16.8804	2.5049	19.3853	3.0197	2.3045	5.3242	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0608	0.0725	0.8647	2.3500e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		176.2835	176.2835	7.8400e-003		176.4481
Total	0.0608	0.0725	0.8647	2.3500e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		176.2835	176.2835	7.8400e-003		176.4481

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810		5,977.7088	5,977.7088	1.9333		6,018.3084

Total	4.5501	49.3839	38.4257	0.0617	37.5120	2.2619	39.7740	6.7104	2.0810	8.7914		5,977.7088	5,977.7088	1.9333		6,018.3084
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0564	0.0668	0.7971	2.3500e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		169.1916	169.1916	7.3600e-003		169.3463
Total	0.0564	0.0668	0.7971	2.3500e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		169.1916	169.1916	7.3600e-003		169.3463

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084
Total	4.5501	49.3839	38.4257	0.0617	16.8804	2.2619	19.1424	3.0197	2.0810	5.1007	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084

Mitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	45.6727	400.0225	442.7367	0.8558	23.8255	6.6096	30.4351	6.7954	6.0759	12.8713		86,621.1816	86,621.1816	0.7655		86,637.2570
Worker	53.1364	63.1655	756.5850	1.3510	108.2599	0.9028	109.1627	28.7134	0.8246	29.5379		117,318.9417	117,318.9417	6.3153		117,451.5623
Total	98.8091	463.1881	1,199.3217	2.2068	132.0854	7.5124	139.5978	35.5088	6.9005	42.4092		203,940.1233	203,940.1233	7.0808		204,088.8193

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904	0.0000	2,689.5771	2,689.5771	0.6748		2,703.7483
Total	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904	0.0000	2,689.5771	2,689.5771	0.6748		2,703.7483

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	45.6727	400.0225	442.7367	0.8558	23.8255	6.6096	30.4351	6.7954	6.0759	12.8713		86,621.1816	86,621.1816	0.7655		86,637.2570

Worker	53.1364	63.1655	756.5850	1.3510	108.2599	0.9028	109.1627	28.7134	0.8246	29.5379		117,318.9417	117,318.9417	6.3153		117,451.5623
Total	98.8091	463.1881	1,199.3217	2.2068	132.0854	7.5124	139.5978	35.5088	6.9005	42.4092		203,940.1233	203,940.1233	7.0808		204,088.8193

3.4 Building Construction - 2016

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	40.3322	348.0509	400.9553	0.8540	23.8278	5.2871	29.1149	6.7963	4.8605	11.6568		85,610.5861	85,610.5861	0.6757		85,624.7766
Worker	47.7867	56.6692	679.1736	1.3506	108.2599	0.8517	109.1115	28.7134	0.7806	29.4940		113,319.5980	113,319.5980	5.7642		113,440.6453
Total	88.1190	404.7201	1,080.1289	2.2046	132.0877	6.1387	138.2264	35.5097	5.6411	41.1508		198,930.1841	198,930.1841	6.4399		199,065.4219

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	40.3322	348.0509	400.9553	0.8540	23.8278	5.2871	29.1149	6.7963	4.8605	11.6568		85,610.5861	85,610.5861	0.6757		85,624.7766
Worker	47.7867	56.6692	679.1736	1.3506	108.2599	0.8517	109.1115	28.7134	0.7806	29.4940		113,319.5980	113,319.5980	5.7642		113,440.6453
Total	88.1190	404.7201	1,080.1289	2.2046	132.0877	6.1387	138.2264	35.5097	5.6411	41.1508		198,930.1841	198,930.1841	6.4399		199,065.4219

3.4 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
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Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	37.4597	312.1556	377.3819	0.8526	23.8297	4.5772	28.4069	6.7970	4.2081	11.0052		84,180.8793	84,180.8793	0.6410		84,194.3410
Worker	42.5478	50.7176	606.1087	1.3501	108.2599	0.8115	109.0714	28.7134	0.7472	29.4605		109,011.2474	109,011.2474	5.2628		109,121.7654
Total	80.0075	362.8732	983.4905	2.2027	132.0896	5.3887	137.4783	35.5104	4.9553	40.4657		193,192.1268	193,192.1268	5.9038		193,316.1064

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	37.4597	312.1556	377.3819	0.8526	23.8297	4.5772	28.4069	6.7970	4.2081	11.0052		84,180.8793	84,180.8793	0.6410		84,194.3410
Worker	42.5478	50.7176	606.1087	1.3501	108.2599	0.8115	109.0714	28.7134	0.7472	29.4605		109,011.2474	109,011.2474	5.2628		109,121.7654
Total	80.0075	362.8732	983.4905	2.2027	132.0896	5.3887	137.4783	35.5104	4.9553	40.4657		193,192.1268	193,192.1268	5.9038		193,316.1064

3.4 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	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	33.3651	282.9256	341.6573	0.8504	23.8250	4.2404	28.0654	6.7951	3.8997	10.6948		82,697.613 1	82,697.6131	0.6295		82,710.8328
Worker	38.1937	45.6999	544.9122	1.3497	108.2599	0.7846	109.0444	28.7134	0.7251	29.4385		104,964.37 63	104,964.376 3	4.8401		105,066.017 9
Total	71.5587	328.6255	886.5694	2.2001	132.0849	5.0250	137.1098	35.5084	4.6248	40.1332		187,661.98 94	187,661.989 4	5.4696		187,776.850 7

3.4 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	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	31.1138	258.3032	324.0946	0.8490	23.8199	3.9414	27.7613	6.7929	3.6253	10.4181		81,267.289 2	81,267.2892	0.6145		81,280.1946

Worker	34.8765	41.6249	496.3537	1.3495	108.2599	0.7678	109.0277	28.7134	0.7114	29.4248		101,186.73 43	101,186.734 3	4.4991		101,281.215 2
Total	65.9903	299.9281	820.4483	2.1985	132.0798	4.7092	136.7889	35.5062	4.3367	39.8429		182,454.02 35	182,454.023 5	5.1136		182,561.409 8

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	31.1138	258.3032	324.0946	0.8490	23.8199	3.9414	27.7613	6.7929	3.6253	10.4181		81,267.289 2	81,267.2892	0.6145		81,280.1946
Worker	34.8765	41.6249	496.3537	1.3495	108.2599	0.7678	109.0277	28.7134	0.7114	29.4248		101,186.73 43	101,186.734 3	4.4991		101,281.215 2
Total	65.9903	299.9281	820.4483	2.1985	132.0798	4.7092	136.7889	35.5062	4.3367	39.8429		182,454.02 35	182,454.023 5	5.1136		182,561.409 8

3.4 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	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	29.1357	220.5368	310.0532	0.8478	23.8175	3.5299	27.3474	6.7918	3.2472	10.0390		79,405.5602	79,405.5602	0.5960		79,418.0764
Worker	32.3823	38.3122	457.5560	1.3493	108.2599	0.7586	109.0185	28.7134	0.7034	29.4167		97,115.9787	97,115.9787	4.2272		97,204.7506
Total	61.5180	258.8490	767.6092	2.1971	132.0773	4.2885	136.3658	35.5051	3.9506	39.4557		176,521.5389	176,521.5389	4.8232		176,622.8270

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	29.1357	220.5368	310.0532	0.8478	23.8175	3.5299	27.3474	6.7918	3.2472	10.0390		79,405.5602	79,405.5602	0.5960		79,418.0764
Worker	32.3823	38.3122	457.5560	1.3493	108.2599	0.7586	109.0185	28.7134	0.7034	29.4167		97,115.9787	97,115.9787	4.2272		97,204.7506
Total	61.5180	258.8490	767.6092	2.1971	132.0773	4.2885	136.3658	35.5051	3.9506	39.4557		176,521.5389	176,521.5389	4.8232		176,622.8270

3.5 Paving - 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					
Off-Road	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016		2,339.8984	2,339.8984	0.6986		2,354.5681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016		2,339.8984	2,339.8984	0.6986		2,354.5681
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0694	0.0825	0.9886	1.7700e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		153.2913	153.2913	8.2500e-003		153.4646
Total	0.0694	0.0825	0.9886	1.7700e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		153.2913	153.2913	8.2500e-003		153.4646

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016	0.0000	2,339.8984	2,339.8984	0.6986		2,354.5681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016	0.0000	2,339.8984	2,339.8984	0.6986		2,354.5681

Mitigated Construction Off-Site

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0624	0.0741	0.8874	1.7600e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385	148.0657	148.0657	7.5300e-003		148.2238	
Total	0.0624	0.0741	0.8874	1.7600e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		148.0657	148.0657	7.5300e-003	148.2238	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0624	0.0741	0.8874	1.7600e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		148.0657	148.0657	7.5300e-003		148.2238
Total	0.0624	0.0741	0.8874	1.7600e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		148.0657	148.0657	7.5300e-003		148.2238

3.5 Paving - 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	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0556	0.0663	0.7920	1.7600e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		142.4363	142.4363	6.8800e-003		142.5807
Total	0.0556	0.0663	0.7920	1.7600e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		142.4363	142.4363	6.8800e-003		142.5807

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0556	0.0663	0.7920	1.7600e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		142.4363	142.4363	6.8800e-003		142.5807
Total	0.0556	0.0663	0.7920	1.7600e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		142.4363	142.4363	6.8800e-003		142.5807

3.5 Paving - 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
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Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0499	0.0597	0.7120	1.7600e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		137.1486	137.1486	6.3200e-003		137.2814
Total	0.0499	0.0597	0.7120	1.7600e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		137.1486	137.1486	6.3200e-003		137.2814

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0499	0.0597	0.7120	1.7600e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		137.1486	137.1486	6.3200e-003		137.2814
Total	0.0499	0.0597	0.7120	1.7600e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		137.1486	137.1486	6.3200e-003		137.2814

3.5 Paving - 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	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0456	0.0544	0.6486	1.7600e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385		132.2126	132.2126	5.8800e-003		132.3361
Total	0.0456	0.0544	0.6486	1.7600e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385		132.2126	132.2126	5.8800e-003		132.3361

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0456	0.0544	0.6486	1.7600e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385	132.2126	132.2126	5.8800e-003		132.3361
Total	0.0456	0.0544	0.6486	1.7600e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385		132.2126	132.2126	5.8800e-003	132.3361

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799		2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799		2,160.7571	2,160.7571	0.6988		2,175.4326

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0423	0.0501	0.5979	1.7600e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		126.8937	126.8937	5.5200e-003		127.0097
Total	0.0423	0.0501	0.5979	1.7600e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		126.8937	126.8937	5.5200e-003		127.0097

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0423	0.0501	0.5979	1.7600e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		126.8937	126.8937	5.5200e-003		127.0097
Total	0.0423	0.0501	0.5979	1.7600e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		126.8937	126.8937	5.5200e-003		127.0097

3.6 Architectural Coating - 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					
Archit. Coating	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177
Total	319.8717	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	10.6273	12.6331	151.3170	0.2702	21.6520	0.1806	21.8325	5.7427	0.1649	5.9076		23,463.7883	23,463.7883	1.2631		23,490.3125
Total	10.6273	12.6331	151.3170	0.2702	21.6520	0.1806	21.8325	5.7427	0.1649	5.9076		23,463.7883	23,463.7883	1.2631		23,490.3125

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Archit. Coating	319.4651					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209			0.2209	0.2209	0.0000	281.4481	281.4481	0.0367	282.2177
Total	319.8717	2.5703	1.9018	2.9700e-003		0.2209	0.2209			0.2209	0.2209	0.0000	281.4481	281.4481	0.0367	282.2177

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	10.6273	12.6331	151.3170	0.2702	21.6520	0.1806	21.8325	5.7427	0.1649	5.9076		23,463.7883	23,463.7883	1.2631		23,490.3125
Total	10.6273	12.6331	151.3170	0.2702	21.6520	0.1806	21.8325	5.7427	0.1649	5.9076		23,463.7883	23,463.7883	1.2631		23,490.3125

3.6 Architectural Coating - 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					
Archit. Coating	319.4651						0.0000	0.0000		0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449

Total	319.8335	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	9.5574	11.3338	135.8347	0.2701	21.6520	0.1703	21.8223	5.7427	0.1561	5.8988		22,663.9196	22,663.9196	1.1528		22,688.1291
Total	9.5574	11.3338	135.8347	0.2701	21.6520	0.1703	21.8223	5.7427	0.1561	5.8988		22,663.9196	22,663.9196	1.1528		22,688.1291

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449
Total	319.8335	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	9.5574	11.3338	135.8347	0.2701	21.6520	0.1703	21.8223	5.7427	0.1561	5.8988		22,663.9196	22,663.9196	1.1528		22,688.1291
Total	9.5574	11.3338	135.8347	0.2701	21.6520	0.1703	21.8223	5.7427	0.1561	5.8988		22,663.9196	22,663.9196	1.1528		22,688.1291

3.6 Architectural Coating - 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					
Archit. Coating	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	319.7974	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.5096	10.1435	121.2217	0.2700	21.6520	0.1623	21.8143	5.7427	0.1494	5.8921	21,802.2495	21,802.2495	1.0526			21,824.3531
Total	8.5096	10.1435	121.2217	0.2700	21.6520	0.1623	21.8143	5.7427	0.1494	5.8921		21,802.2495	21,802.2495	1.0526		21,824.3531

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	319.7974	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	8.5096	10.1435	121.2217	0.2700	21.6520	0.1623	21.8143	5.7427	0.1494	5.8921		21,802.2495	21,802.2495	1.0526		21,824.3531
Total	8.5096	10.1435	121.2217	0.2700	21.6520	0.1623	21.8143	5.7427	0.1494	5.8921		21,802.2495	21,802.2495	1.0526		21,824.3531

3.6 Architectural Coating - 2018

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	319.7637	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.6387	9.1400	108.9824	0.2699	21.6520	0.1569	21.8089	5.7427	0.1450	5.8877		20,992.8753	20,992.8753	0.9680		21,013.2036
Total	7.6387	9.1400	108.9824	0.2699	21.6520	0.1569	21.8089	5.7427	0.1450	5.8877		20,992.8753	20,992.8753	0.9680		21,013.2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	319.7637	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.6387	9.1400	108.9824	0.2699	21.6520	0.1569	21.8089	5.7427	0.1450	5.8877		20,992.8753	20,992.8753	0.9680		21,013.2036
Total	7.6387	9.1400	108.9824	0.2699	21.6520	0.1569	21.8089	5.7427	0.1450	5.8877		20,992.8753	20,992.8753	0.9680		21,013.2036

3.6 Architectural Coating - 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
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Category	lb/day										lb/day					
Archit. Coating	319.4651					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.1288	281.4481	281.4481	0.0238		281.9473
Total	319.7315	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.1288		281.4481	281.4481	0.0238	281.9473

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.9753	8.3250	99.2707	0.2699	21.6520	0.1536	21.8055	5.7427	0.1423	5.8850		20,237.3469	20,237.3469	0.8998		20,256.2430
Total	6.9753	8.3250	99.2707	0.2699	21.6520	0.1536	21.8055	5.7427	0.1423	5.8850		20,237.3469	20,237.3469	0.8998		20,256.2430

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	319.4651					0.0000	0.0000			0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.1288	0.0000	281.4481	281.4481	0.0238	281.9473

Total	319.7315	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		281.9473
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.9753	8.3250	99.2707	0.2699	21.6520	0.1536	21.8055	5.7427	0.1423	5.8850		20,237.3469	20,237.3469	0.8998		20,256.2430
Total	6.9753	8.3250	99.2707	0.2699	21.6520	0.1536	21.8055	5.7427	0.1423	5.8850		20,237.3469	20,237.3469	0.8998		20,256.2430

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057
Total	319.7073	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.4765	7.6624	91.5112	0.2699	21.6520	0.1517	21.8037	5.7427	0.1407	5.8833		19,423.1957	19,423.1957	0.8455		19,440.9501
Total	6.4765	7.6624	91.5112	0.2699	21.6520	0.1517	21.8037	5.7427	0.1407	5.8833		19,423.1957	19,423.1957	0.8455		19,440.9501

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9057
Total	319.7073	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9057

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	6.4765	7.6624	91.5112	0.2699	21.6520	0.1517	21.8037	5.7427	0.1407	5.8833	19,423.1957	19,423.1957	0.8455		19,440.9501	
Total	6.4765	7.6624	91.5112	0.2699	21.6520	0.1517	21.8037	5.7427	0.1407	5.8833	19,423.1957	19,423.1957	0.8455		19,440.9501	

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Mitigated	2,152.9769	3,865.0880	19,474.7093	30.9153	2,099.5195	54.3514	2,153.8709	560.6716	49.8255	610.4972		2,847,740.322	2,847,740.322	140.4627		2,850,690.0381
Unmitigated	2,152.9769	3,865.0880	19,474.7093	30.9153	2,099.5195	54.3514	2,153.8709	560.6716	49.8255	610.4972		2,847,740.322	2,847,740.322	140.4627		2,850,690.0381

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	37,477.33	40,718.92	34520.09	83,753,801	83,753,801
General Light Industry	20,460.44	3,874.86	1996.14	45,116,113	45,116,113
General Light Industry	1,877.02	355.48	183.12	4,138,910	4,138,910
General Office Building	34,889.59	7,510.29	3105.52	63,179,520	63,179,520
Hotel	231.21	231.78	168.39	422,386	422,386
Junior College (2Yr)	6,000.00	2,100.00	200.00	11,718,149	11,718,149
Place of Worship	1,246.25	1,418.62	5010.98	3,383,496	3,383,496

Category	lb/day										lb/day						
NaturalGas Mitigated:	15.0737	131.5384	74.8074	0.8222			10.4146	10.4146		10.4146	10.4146		164,440.7479	164,440.7479	3.1518	3.0148	165,441.5069
NaturalGas Unmitigated	15.0737	131.5384	74.8074	0.8222			10.4146	10.4146		10.4146	10.4146		164,440.7479	164,440.7479	3.1518	3.0148	165,441.5069

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	CO
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	20223.3	0.2181	1.9827	1.6655	0.0119		0.1507	0.1507		0.1507	0.1507		2,379.2145	2,379.2145	0.0456	0.0436	2,393.0
General Light Industry	220444	2.3773	21.6122	18.1542	0.1297		1.6425	1.6425		1.6425	1.6425		25,934.5866	25,934.5866	0.4971	0.4755	26,092.6
General Office Building	149503	1.6123	14.6571	12.3120	0.0879		1.1139	1.1139		1.1139	1.1139		17,588.5441	17,588.5441	0.3371	0.3225	17,695.1
Hotel	5221.45	0.0563	0.5119	0.4300	3.0700e-003		0.0389	0.0389		0.0389	0.0389		614.2880	614.2880	0.0118	0.0113	618.0
Junior College (2Yr)	15081	0.1626	1.4785	1.2420	8.8700e-003		0.1124	0.1124		0.1124	0.1124		1,774.2296	1,774.2296	0.0340	0.0325	1,785.0
Place of Worship	10273.1	0.1108	1.0072	0.8460	6.0400e-003		0.0765	0.0765		0.0765	0.0765		1,208.6021	1,208.6021	0.0232	0.0222	1,215.0
Regional Shopping Center	20653.4	0.2227	2.0248	1.7009	0.0122		0.1539	0.1539		0.1539	0.1539		2,429.8066	2,429.8066	0.0466	0.0446	2,444.0
Regional Shopping Center	22094.8	0.2383	2.1662	1.8196	0.0130		0.1646	0.1646		0.1646	0.1646		2,599.3915	2,599.3915	0.0498	0.0477	2,615.0
Single Family Housing	766269	8.2637	70.6169	30.0498	0.4508		5.7095	5.7095		5.7095	5.7095		90,149.2422	90,149.2422	1.7279	1.6527	90,697.2
Apartments Low Rise:	167984	1.8116	15.4809	6.5876	0.0988		1.2517	1.2517		1.2517	1.2517		19,762.8428	19,762.8428	0.3788	0.3623	19,883.8
Total		15.0737	131.5384	74.8074	0.8222		10.4146	10.4146		10.4146	10.4146		164,440.7479	164,440.7479	3.1518	3.0148	165,441.5069

Mitigated

	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	CO
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	20.2233	0.2181	1.9827	1.6655	0.0119		0.1507	0.1507		0.1507	0.1507		2,379.2145	2,379.2145	0.0456	0.0436	2,393.
General Light Industry	220.444	2.3773	21.6122	18.1542	0.1297		1.6425	1.6425		1.6425	1.6425		25,934.5866	25,934.5866	0.4971	0.4755	26,092
General Office Building	149.503	1.6123	14.6571	12.3120	0.0879		1.1139	1.1139		1.1139	1.1139		17,588.5441	17,588.5441	0.3371	0.3225	17,695
Hotel	5.22145	0.0563	0.5119	0.4300	3.0700e-003		0.0389	0.0389		0.0389	0.0389		614.2880	614.2880	0.0118	0.0113	618.0
Junior College (2Yr)	15.081	0.1626	1.4785	1.2420	8.8700e-003		0.1124	0.1124		0.1124	0.1124		1,774.2296	1,774.2296	0.0340	0.0325	1,785.
Place of Worship	10.2731	0.1108	1.0072	0.8460	6.0400e-003		0.0765	0.0765		0.0765	0.0765		1,208.6021	1,208.6021	0.0232	0.0222	1,215.
Regional Shopping Center	20.6534	0.2227	2.0248	1.7009	0.0122		0.1539	0.1539		0.1539	0.1539		2,429.8066	2,429.8066	0.0466	0.0446	2,444.
Regional Shopping Center	22.0948	0.2383	2.1662	1.8196	0.0130		0.1646	0.1646		0.1646	0.1646		2,599.3915	2,599.3915	0.0498	0.0477	2,615.
Single Family Housing	766.269	8.2637	70.6169	30.0498	0.4508		5.7095	5.7095		5.7095	5.7095		90,149.2422	90,149.2422	1.7279	1.6527	90,697
Apartments Low Rise	167.984	1.8116	15.4809	6.5876	0.0988		1.2517	1.2517		1.2517	1.2517		19,762.8428	19,762.8428	0.3788	0.3623	19,883
Total		15.0737	131.5384	74.8074	0.8222		10.4146	10.4146		10.4146	10.4146		164,440.7479	164,440.7479	3.1518	3.0148	165,449

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	884.7967	13.6581	1,153.9727	0.0595		24.6599	24.6599		24.4647	24.4647	0.0000	294,816.4406	294,816.4406	7.7798	5.3678	296,643.8400
Unmitigated	17,065.6254	228.5766	20,826.2561	6.7945		2,766.5212	2,766.5212		2,766.3978	2,766.3978	286,715.6428	187,016.5230	473,732.1658	238.0716	24.3042	486,265.9855

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	114.2197						0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Consumer Products	706.0235						0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Hearth	16,207.6677	214.9197	19,673.7474	6.7350		2,760.4046	2,760.4046		2,760.2813	2,760.2813	286,715.6428	184,990.2353	471,705.8781	235.9037	24.3042	484,194.1705
Landscaping	37.7144	13.6568	1,152.5087	0.0595		6.1165	6.1165		6.1165	6.1165		2,026.2877	2,026.2877	2.1680		2,071.8150
Total	17,065.6254	228.5766	20,826.2561	6.7945		2,766.5212	2,766.5212		2,766.3978	2,766.3978	286,715.6428	187,016.5230	473,732.1658	238.0716	24.3042	486,265.9855

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	114.2197					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	706.0235					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	26.8391	1.2200e-003	1.4640	0.0000		18.5434	18.5434		18.3482	18.3482	0.0000	292,790.1529	292,790.1529	5.6118	5.3678	294,572.0250
Landscaping	37.7144	13.6568	1,152.5087	0.0595		6.1165	6.1165		6.1165	6.1165		2,026.2877	2,026.2877	2.1680		2,071.8150
Total	884.7967	13.6581	1,153.9727	0.0595		24.6599	24.6599		24.4647	24.4647	0.0000	294,816.4406	294,816.4406	7.7798	5.3678	296,643.8400

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

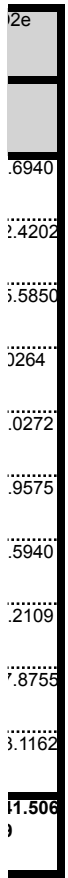
9.0 Operational Offroad

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

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Brentwood General Plan Update Contra Costa County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	3,168.90	1000sqft	72.75	3,168,900.00	0
Junior College (2Yr)	5,000.00	Student	5.01	218,261.19	0
Place of Worship	136.80	1000sqft	3.14	136,800.00	0
General Light Industry	2,935.50	1000sqft	67.39	2,935,500.00	0
General Light Industry	269.30	1000sqft	6.18	269,300.00	0
Hotel	28.30	Room	0.94	41,091.60	0
Apartments Low Rise	5,687.00	Dwelling Unit	355.44	5,687,000.00	16265
Single Family Housing	7,927.00	Dwelling Unit	2,573.70	14,268,600.00	22671
Regional Shopping Center	3,238.80	1000sqft	74.35	3,238,800.00	0
Regional Shopping Center	3,027.50	1000sqft	69.50	3,027,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2014
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Acreage, square feet, and population estimates are left at default model rates. Unit amounts are adjusted consistent with the traffic assumptions.

Construction Phase - Construction schedule assumes start date of 1/1/2015. Construction phases overlap.

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	155,000.00	1,305.00
tblConstructionPhase	NumDays	15,500.00	1,305.00
tblConstructionPhase	NumDays	11,000.00	1,305.00
tblConstructionPhase	NumDays	6,000.00	1,305.00
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseEndDate	1/1/2025	1/1/2020
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblConstructionPhase	PhaseStartDate	1/2/2020	1/1/2015
tblGrading	AcresOfGrading	3,262.50	38,750.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2015	458.2783	706.6912	1,691.5281	2.4822	209.8155	18.4216	228.2371	58.0251	16.9964	75.0215	0.0000	230,061.9197	230,061.9197	12.9647	0.0000	230,334.1774
2016	443.5524	631.4677	1,547.4667	2.4792	209.8177	16.3170	226.1348	58.0260	15.0587	73.0847	0.0000	224,506.4256	224,506.4256	12.1911	0.0000	224,762.4392
2017	431.9009	572.4536	1,424.3446	2.4767	209.8197	14.7661	224.5858	58.0267	13.6308	71.6575	0.0000	218,131.7555	218,131.7555	11.5369	0.0000	218,374.0297
2018	418.4530	511.6336	1,303.8503	2.4737	209.8149	12.9652	222.7802	58.0247	11.9726	69.9974	0.0000	211,994.0502	211,994.0502	11.0024	0.0000	212,225.1014
2019	410.0831	466.5574	1,218.8584	2.4717	209.8099	11.7838	221.5937	58.0225	10.8828	68.9053	0.0000	206,204.9725	206,204.9725	10.5627	0.0000	206,426.7888
2020	403.4680	410.4096	1,150.8320	2.4701	209.8074	10.6323	220.4397	58.0214	9.8195	67.8409	0.0000	199,594.3955	199,594.3955	10.2064	0.0000	199,808.7297
Total	2,565.7357	3,299.2130	8,336.8801	14.8537	1,258.8851	84.8860	1,343.7711	348.1465	78.3607	426.5072	0.0000	1,290,493.5190	1,290,493.5190	68.4641	0.0000	1,291,931.2661

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					
2015	458.2783	706.6912	1,691.5281	2.4822	179.2474	18.4216	197.6691	48.8725	16.9964	65.8689	0.0000	230,061.9197	230,061.9197	12.9647	0.0000	230,334.1773
2016	443.5524	631.4677	1,547.4667	2.4792	179.2497	16.3170	195.5667	48.8734	15.0587	63.9321	0.0000	224,506.4256	224,506.4256	12.1911	0.0000	224,762.4391
2017	431.9009	572.4536	1,424.3446	2.4767	179.2516	14.7661	194.0177	48.8741	13.6308	62.5049	0.0000	218,131.7555	218,131.7555	11.5369	0.0000	218,374.0296
2018	418.4530	511.6336	1,303.8503	2.4737	179.2469	12.9652	192.2121	48.8721	11.9726	60.8448	0.0000	211,994.0502	211,994.0502	11.0024	0.0000	212,225.1014
2019	410.0831	466.5574	1,218.8584	2.4717	179.2418	11.7838	191.0256	48.8699	10.8828	59.7527	0.0000	206,204.9725	206,204.9725	10.5627	0.0000	206,426.7888
2020	403.4680	410.4096	1,150.8320	2.4701	179.2393	10.6323	189.8716	48.8688	9.8195	58.6883	0.0000	199,594.3955	199,594.3955	10.2064	0.0000	199,808.7297
Total	2,565.7357	3,299.2130	8,336.8801	14.8537	1,075.4767	84.8860	1,160.3627	293.2309	78.3607	371.5916	0.0000	1,290,493.5189	1,290,493.5189	68.4641	0.0000	1,291,931.2660

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	14.57	0.00	13.65	15.77	0.00	12.88	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	17,065.6254	228.5766	20,826.2561	6.7945		2,766.5212	2,766.5212		2,766.3978	2,766.3978	286,715.6428	187,016.5230	473,732.1658	238.0716	24.3042	486,265.9855
Energy	15.0737	131.5384	74.8074	0.8222		10.4146	10.4146		10.4146	10.4146		164,440.7479	164,440.7479	3.1518	3.0148	165,441.5069
Mobile	2,200.9708	4,330.8749	22,028.7960	28.6083	2,099.5195	54.8478	2,154.3674	560.6716	50.2822	610.9539		2,634,109.5941	2,634,109.5941	140.5550		2,637,061.2488
Total	19,281.6699	4,690.9898	42,929.8595	36.2250	2,099.5195	2,831.7836	4,931.3031	560.6716	2,827.0946	3,387.7663	286,715.6428	2,985,566.8651	3,272,282.5078	381.7784	27.3190	3,288,768.7413

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	884.7967	13.6581	1,153.9727	0.0595		24.6599	24.6599		24.4647	24.4647	0.0000	294,816.4406	294,816.4406	7.7798	5.3678	296,643.8400
Energy	15.0737	131.5384	74.8074	0.8222		10.4146	10.4146		10.4146	10.4146		164,440.7479	164,440.7479	3.1518	3.0148	165,441.5069
Mobile	2,200.9708	4,330.8749	22,028.7960	28.6083	2,099.5195	54.8478	2,154.3674	560.6716	50.2822	610.9539		2,634,109.5941	2,634,109.5941	140.5550		2,637,061.2488

Total	3,100.8413	4,476.0713	23,257.5761	29.4900	2,099.5195	89.9223	2,189.4418	560.6716	85.1615	645.8332	0.0000	3,093,366.7827	3,093,366.7827	151.4865	8.3826	3,099,146.5958
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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	83.92	4.58	45.82	18.59	0.00	96.82	55.60	0.00	96.99	80.94	100.00	-3.61	5.47	60.32	69.32	5.77

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2015	1/1/2020	5	1305	
2	Grading	Grading	1/1/2015	1/1/2020	5	1305	
3	Building Construction	Building Construction	1/1/2015	1/1/2020	5	1305	
4	Paving	Paving	1/1/2015	1/1/2020	5	1305	
5	Architectural Coating	Architectural Coating	1/1/2015	1/1/2020	5	1305	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 38750

Acres of Paving: 0

Residential Indoor: 40,410,090; Residential Outdoor: 13,470,030; Non-Residential Indoor: 19,554,229; Non-Residential Outdoor: 6,518,076

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40

Category	lb/day										lb/day				
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000		0.0000
Off-Road	5.2609	56.8897	42.6318	0.0391		3.0883	3.0883		2.8412	2.8412		4,111.7444	4,111.7444	1.2275	4,137.5225
Total	5.2609	56.8897	42.6318	0.0391	18.0663	3.0883	21.1545	9.9307	2.8412	12.7719		4,111.7444	4,111.7444	1.2275	4,137.5225

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0812	0.1223	1.1401	1.9200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		166.8574	166.8574	9.9000e-003		167.0654
Total	0.0812	0.1223	1.1401	1.9200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		166.8574	166.8574	9.9000e-003		167.0654

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	5.2609	56.8897	42.6318	0.0391		3.0883	3.0883		2.8412	2.8412	0.0000	4,111.7444	4,111.7444	1.2275		4,137.5224

Total	5.2609	56.8897	42.6318	0.0391	8.1298	3.0883	11.2181	4.4688	2.8412	7.3100	0.0000	4,111.7444	4,111.7444	1.2275		4,137.5224
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0812	0.1223	1.1401	1.9200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		166.8574	166.8574	9.9000e-003		167.0654
Total	0.0812	0.1223	1.1401	1.9200e-003	0.1698	1.4200e-003	0.1712	0.0450	1.2900e-003	0.0463		166.8574	166.8574	9.9000e-003		167.0654

3.2 Site Preparation - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036		4,065.0053	4,065.0053	1.2262		4,090.7544
Total	5.0771	54.6323	41.1053	0.0391	18.0663	2.9387	21.0049	9.9307	2.7036	12.6343		4,065.0053	4,065.0053	1.2262		4,090.7544

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0724	0.1097	1.0158	1.9200e-003	0.1698	1.3400e-003	0.1711	0.0450	1.2200e-003	0.0462	161.1470	161.1470	9.0400e-003		161.3368	
Total	0.0724	0.1097	1.0158	1.9200e-003	0.1698	1.3400e-003	0.1711	0.0450	1.2200e-003	0.0462	161.1470	161.1470	9.0400e-003		161.3368	

3.2 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339		4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646		4,003.0859	4,003.0859	1.2265		4,028.8432

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0638	0.0982	0.8978	1.9200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		154.9960	154.9960	8.2500e-003		155.1693
Total	0.0638	0.0982	0.8978	1.9200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		154.9960	154.9960	8.2500e-003		155.1693

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339	0.0000	4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	8.1298	2.7542	10.8840	4.4688	2.5339	7.0027	0.0000	4,003.0859	4,003.0859	1.2265		4,028.8432

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0638	0.0982	0.8978	1.9200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		154.9960	154.9960	8.2500e-003		155.1693
Total	0.0638	0.0982	0.8978	1.9200e-003	0.1698	1.2700e-003	0.1710	0.0450	1.1700e-003	0.0462		154.9960	154.9960	8.2500e-003		155.1693

3.2 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762		3,939.7731	3,939.7731	1.2265		3,965.5297
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069		3,939.7731	3,939.7731	1.2265		3,965.5297

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0567	0.0885	0.7997	1.9200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		149.2240	149.2240	7.5900e-003		149.3834
Total	0.0567	0.0885	0.7997	1.9200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		149.2240	149.2240	7.5900e-003		149.3834

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762	0.0000	3,939.7731	3,939.7731	1.2265		3,965.5297
Total	4.2921	45.6088	36.2346	0.0391	8.1298	2.3654	10.4952	4.4688	2.1762	6.6450	0.0000	3,939.7731	3,939.7731	1.2265		3,965.5297

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0567	0.0885	0.7997	1.9200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		149.2240	149.2240	7.5900e-003		149.3834
Total	0.0567	0.0885	0.7997	1.9200e-003	0.1698	1.2300e-003	0.1710	0.0450	1.1400e-003	0.0462		149.2240	149.2240	7.5900e-003		149.3834

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0188	42.5046	34.8088	0.0391		2.1505	2.1505		1.9784	1.9784		3,876.7233	3,876.7233	1.2266		3,902.4810

Total	4.0188	42.5046	34.8088	0.0391	18.0663	2.1505	20.2167	9.9307	1.9784	11.9091		3,876.7233	3,876.7233	1.2266		3,902.4810
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0514	0.0806	0.7227	1.9200e-003	0.1698	1.2000e-003	0.1710	0.0450	1.1200e-003	0.0461		143.8375	143.8375	7.0500e-003		143.9857
Total	0.0514	0.0806	0.7227	1.9200e-003	0.1698	1.2000e-003	0.1710	0.0450	1.1200e-003	0.0461		143.8375	143.8375	7.0500e-003		143.9857

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.0188	42.5046	34.8088	0.0391		2.1505	2.1505		1.9784	1.9784	0.0000	3,876.7233	3,876.7233	1.2266		3,902.4810
Total	4.0188	42.5046	34.8088	0.0391	8.1298	2.1505	10.2803	4.4688	1.9784	6.4472	0.0000	3,876.7233	3,876.7233	1.2266		3,902.4810

Mitigated Construction Off-Site

Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000
Worker	0.0475	0.0741	0.6627	1.9200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		138.0366	138.0366	6.6300e-003	138.1758
Total	0.0475	0.0741	0.6627	1.9200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		138.0366	138.0366	6.6300e-003	138.1758

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	3.7250	38.8640	32.9264	0.0391		1.9309	1.9309		1.7764	1.7764	0.0000	3,792.2816	3,792.2816	1.2265		3,818.0381
Total	3.7250	38.8640	32.9264	0.0391	8.1298	1.9309	10.0607	4.4688	1.7764	6.2452	0.0000	3,792.2816	3,792.2816	1.2265		3,818.0381

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0475	0.0741	0.6627	1.9200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		138.0366	138.0366	6.6300e-003		138.1758
Total	0.0475	0.0741	0.6627	1.9200e-003	0.1698	1.1900e-003	0.1709	0.0450	1.1000e-003	0.0461		138.0366	138.0366	6.6300e-003		138.1758

3.3 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					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980		6,486.2433	6,486.2433	1.9364		6,526.9080
Total	6.7751	79.0467	50.8400	0.0618	37.5120	3.8022	41.3142	6.7104	3.4980	10.2084		6,486.2433	6,486.2433	1.9364		6,526.9080

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0903	0.1359	1.2668	2.1300e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		185.3971	185.3971	0.0110		185.6282
Total	0.0903	0.1359	1.2668	2.1300e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		185.3971	185.3971	0.0110		185.6282

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080
Total	6.7751	79.0467	50.8400	0.0618	16.8804	3.8022	20.6826	3.0197	3.4980	6.5177	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0903	0.1359	1.2668	2.1300e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		185.3971	185.3971	0.0110		185.6282
Total	0.0903	0.1359	1.2668	2.1300e-003	0.1886	1.5700e-003	0.1902	0.0500	1.4400e-003	0.0515		185.3971	185.3971	0.0110		185.6282

3.3 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
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Category	lb/day										lb/day				
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000		0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350	6,455.6154
Total	6.4795	74.8137	49.1374	0.0617	37.5120	3.5842	41.0963	6.7104	3.2975	10.0079		6,414.9807	6,414.9807	1.9350	6,455.6154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0805	0.1219	1.1287	2.1300e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		179.0522	179.0522	0.0100		179.2631
Total	0.0805	0.1219	1.1287	2.1300e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		179.0522	179.0522	0.0100		179.2631

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

Total	6.4795	74.8137	49.1374	0.0617	16.8804	3.5842	20.4647	3.0197	3.2975	6.3172	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0805	0.1219	1.1287	2.1300e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		179.0522	179.0522	0.0100		179.2631
Total	0.0805	0.1219	1.1287	2.1300e-003	0.1886	1.4800e-003	0.1901	0.0500	1.3600e-003	0.0514		179.0522	179.0522	0.0100		179.2631

3.3 Grading - 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					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	6.0991	69.5920	46.8050	0.0617	37.5120	3.3172	40.8292	6.7104	3.0518	9.7622		6,313.3690	6,313.3690	1.9344		6,353.9915

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0709	0.1091	0.9976	2.1300e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513	172.2178	172.2178	9.1700e-003	172.4103	172.4103	
Total	0.0709	0.1091	0.9976	2.1300e-003	0.1886	1.4100e-003	0.1900	0.0500	1.3000e-003	0.0513	172.2178	172.2178	9.1700e-003	172.4103	172.4103	

3.3 Grading - 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					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650		6,212.8042	6,212.8042	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	37.5120	2.7880	40.3001	6.7104	2.5650	9.2754		6,212.8042	6,212.8042	1.9341		6,253.4209

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0629	0.0983	0.8885	2.1300e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		165.8045	165.8045	8.4300e-003		165.9816
Total	0.0629	0.0983	0.8885	2.1300e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		165.8045	165.8045	8.4300e-003		165.9816

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	16.8804	2.7880	19.6684	3.0197	2.5650	5.5847	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0629	0.0983	0.8885	2.1300e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		165.8045	165.8045	8.4300e-003		165.9816
Total	0.0629	0.0983	0.8885	2.1300e-003	0.1886	1.3700e-003	0.1900	0.0500	1.2600e-003	0.0513		165.8045	165.8045	8.4300e-003		165.9816

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	37.5120	2.5049	40.0170	6.7104	2.3045	9.0149		6,111.3121	6,111.3121	1.9336		6,151.9167

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0571	0.0896	0.8030	2.1300e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		159.8195	159.8195	7.8400e-003		159.9841
Total	0.0571	0.0896	0.8030	2.1300e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		159.8195	159.8195	7.8400e-003		159.9841

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	16.8804	2.5049	19.3853	3.0197	2.3045	5.3242	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0571	0.0896	0.8030	2.1300e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		159.8195	159.8195	7.8400e-003		159.9841
Total	0.0571	0.0896	0.8030	2.1300e-003	0.1886	1.3400e-003	0.1899	0.0500	1.2400e-003	0.0513		159.8195	159.8195	7.8400e-003		159.9841

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					37.5120	0.0000	37.5120	6.7104	0.0000	6.7104			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810		5,977.7088	5,977.7088	1.9333		6,018.3084

Total	4.5501	49.3839	38.4257	0.0617	37.5120	2.2619	39.7740	6.7104	2.0810	8.7914		5,977.7088	5,977.7088	1.9333		6,018.3084
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0528	0.0824	0.7363	2.1300e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		153.3740	153.3740	7.3600e-003		153.5286
Total	0.0528	0.0824	0.7363	2.1300e-003	0.1886	1.3200e-003	0.1899	0.0500	1.2300e-003	0.0513		153.3740	153.3740	7.3600e-003		153.5286

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.8804	0.0000	16.8804	3.0197	0.0000	3.0197			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084
Total	4.5501	49.3839	38.4257	0.0617	16.8804	2.2619	19.1424	3.0197	2.0810	5.1007	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084

Mitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	57.9756	419.0388	686.5022	0.8534	23.8255	6.6912	30.5167	6.7954	6.1510	12.9464		85,960.1726	85,960.1726	0.7832		85,976.6200
Worker	51.8163	77.9832	727.1440	1.2252	108.2599	0.9028	109.1627	28.7134	0.8246	29.5379		106,417.9446	106,417.9446	6.3153		106,550.5652
Total	109.7919	497.0221	1,413.6462	2.0786	132.0854	7.5940	139.6794	35.5088	6.9755	42.4843		192,378.1173	192,378.1173	7.0985		192,527.1852

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904	0.0000	2,689.5771	2,689.5771	0.6748		2,703.7483
Total	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904	0.0000	2,689.5771	2,689.5771	0.6748		2,703.7483

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	57.9756	419.0388	686.5022	0.8534	23.8255	6.6912	30.5167	6.7954	6.1510	12.9464		85,960.1726	85,960.1726	0.7832		85,976.6200

Worker	51.8163	77.9832	727.1440	1.2252	108.2599	0.9028	109.1627	28.7134	0.8246	29.5379		106,417.94 46	106,417.944 6	6.3153		106,550.565 2
Total	109.7919	497.0221	1,413.646 2	2.0786	132.0854	7.5940	139.6794	35.5088	6.9755	42.4843		192,378.11 73	192,378.117 3	7.0985		192,527.185 2

3.4 Building Construction - 2016

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	51.0145	364.4734	641.5742	0.8514	23.8278	5.3432	29.1710	6.7963	4.9122	11.7085		84,953.695 2	84,953.6952	0.6925		84,968.2371
Worker	46.1988	69.9673	647.8755	1.2244	108.2599	0.8517	109.1115	28.7134	0.7806	29.4940		102,775.95 41	102,775.954 1	5.7642		102,897.001 5
Total	97.2133	434.4407	1,289.449 7	2.0758	132.0877	6.1949	138.2825	35.5097	5.6928	41.2024		187,729.64 93	187,729.649 3	6.4566		187,865.238 6

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	51.0145	364.4734	641.5742	0.8514	23.8278	5.3432	29.1710	6.7963	4.9122	11.7085		84,953.6952	84,953.6952	0.6925		84,968.2371
Worker	46.1988	69.9673	647.8755	1.2244	108.2599	0.8517	109.1115	28.7134	0.7806	29.4940		102,775.9541	102,775.9541	5.7642		102,897.0015
Total	97.2133	434.4407	1,289.4497	2.0758	132.0877	6.1949	138.2825	35.5097	5.6928	41.2024		187,729.6493	187,729.6493	6.4566		187,865.2386

3.4 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
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Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	47.1571	326.7735	613.6250	0.8499	23.8297	4.6242	28.4539	6.7970	4.2514	11.0484		83,533.0080	83,533.0080	0.6580		83,546.8257
Worker	40.6763	62.6321	572.6248	1.2236	108.2599	0.8115	109.0714	28.7134	0.7472	29.4605		98,853.0028	98,853.0028	5.2628		98,963.5208
Total	87.8334	389.4055	1,186.2497	2.0735	132.0896	5.4357	137.5253	35.5104	4.9985	40.5089		182,386.0108	182,386.0108	5.9207		182,510.3464

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	47.1571	326.7735	613.6250	0.8499	23.8297	4.6242	28.4539	6.7970	4.2514	11.0484		83,533.0080	83,533.0080	0.6580		83,546.8257
Worker	40.6763	62.6321	572.6248	1.2236	108.2599	0.8115	109.0714	28.7134	0.7472	29.4605		98,853.0028	98,853.0028	5.2628		98,963.5208
Total	87.8334	389.4055	1,186.2497	2.0735	132.0896	5.4357	137.5253	35.5104	4.9985	40.5089		182,386.0108	182,386.0108	5.9207		182,510.3464

3.4 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	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	41.3072	296.0689	577.0437	0.8476	23.8250	4.2832	28.1082	6.7951	3.9391	10.7342		82,059.3025	82,059.3025	0.6469		82,072.8883
Worker	36.1280	56.4435	510.0244	1.2229	108.2599	0.7846	109.0444	28.7134	0.7251	29.4385		95,171.7763	95,171.7763	4.8401		95,273.4178
Total	77.4352	352.5124	1,087.0681	2.0706	132.0849	5.0678	137.1526	35.5084	4.6642	40.1726		177,231.0788	177,231.0788	5.4870		177,346.3061

3.4 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	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	38.2134	270.1885	555.2341	0.8462	23.8199	3.9803	27.8002	6.7929	3.6611	10.4540		80,638.5723	80,638.5723	0.6323		80,651.8509

Worker	32.7496	51.4112	460.8934	1.2225	108.2599	0.7678	109.0277	28.7134	0.7114	29.4248		91,736.3835	91,736.3835	4.4991		91,830.8645
Total	70.9630	321.5997	1,016.1275	2.0687	132.0798	4.7481	136.8279	35.5062	4.3726	39.8788		172,374.9558	172,374.9558	5.1314		172,482.7153

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	38.2134	270.1885	555.2341	0.8462	23.8199	3.9803	27.8002	6.7929	3.6611	10.4540		80,638.5723	80,638.5723	0.6323		80,651.8509
Worker	32.7496	51.4112	460.8934	1.2225	108.2599	0.7678	109.0277	28.7134	0.7114	29.4248		91,736.3835	91,736.3835	4.4991		91,830.8645
Total	70.9630	321.5997	1,016.1275	2.0687	132.0798	4.7481	136.8279	35.5062	4.3726	39.8788		172,374.9558	172,374.9558	5.1314		172,482.7153

3.4 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	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	35.5487	230.6628	537.3690	0.8448	23.8175	3.5628	27.3803	6.7918	3.2775	10.0693		78,789.2835	78,789.2835	0.6143		78,802.1843
Worker	30.2964	47.2736	422.6396	1.2223	108.2599	0.7586	109.0185	28.7134	0.7034	29.4167		88,036.6629	88,036.6629	4.2272		88,125.4348
Total	65.8451	277.9364	960.0085	2.0671	132.0773	4.3214	136.3987	35.5051	3.9808	39.4860		166,825.9464	166,825.9464	4.8416		166,927.6191

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	35.5487	230.6628	537.3690	0.8448	23.8175	3.5628	27.3803	6.7918	3.2775	10.0693		78,789.2835	78,789.2835	0.6143		78,802.1843
Worker	30.2964	47.2736	422.6396	1.2223	108.2599	0.7586	109.0185	28.7134	0.7034	29.4167		88,036.6629	88,036.6629	4.2272		88,125.4348
Total	65.8451	277.9364	960.0085	2.0671	132.0773	4.3214	136.3987	35.5051	3.9808	39.4860		166,825.9464	166,825.9464	4.8416		166,927.6191

3.5 Paving - 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					
Off-Road	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016		2,339.8984	2,339.8984	0.6986		2,354.5681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016		2,339.8984	2,339.8984	0.6986		2,354.5681
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0677	0.1019	0.9501	1.6000e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		139.0478	139.0478	8.2500e-003		139.2211
Total	0.0677	0.1019	0.9501	1.6000e-003	0.1415	1.1800e-003	0.1426	0.0375	1.0800e-003	0.0386		139.0478	139.0478	8.2500e-003		139.2211

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016	0.0000	2,339.8984	2,339.8984	0.6986		2,354.5681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3172	25.1758	14.9781	0.0223		1.4148	1.4148		1.3016	1.3016	0.0000	2,339.8984	2,339.8984	0.6986		2,354.5681

Mitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0604	0.0914	0.8465	1.6000e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385	134.2891	134.2891	7.5300e-003	134.4473		
Total	0.0604	0.0914	0.8465	1.6000e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385	134.2891	134.2891	7.5300e-003	134.4473		

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

Worker	0.0604	0.0914	0.8465	1.6000e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		134.2891	134.2891	7.5300e-003		134.4473
Total	0.0604	0.0914	0.8465	1.6000e-003	0.1415	1.1100e-003	0.1426	0.0375	1.0200e-003	0.0385		134.2891	134.2891	7.5300e-003		134.4473

3.5 Paving - 2017

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0532	0.0818	0.7482	1.6000e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		129.1633	129.1633	6.8800e-003		129.3077
Total	0.0532	0.0818	0.7482	1.6000e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		129.1633	129.1633	6.8800e-003		129.3077

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0532	0.0818	0.7482	1.6000e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		129.1633	129.1633	6.8800e-003		129.3077
Total	0.0532	0.0818	0.7482	1.6000e-003	0.1415	1.0600e-003	0.1425	0.0375	9.8000e-004	0.0385		129.1633	129.1633	6.8800e-003		129.3077

3.5 Paving - 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
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Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0472	0.0738	0.6664	1.6000e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		124.3534	124.3534	6.3200e-003		124.4862
Total	0.0472	0.0738	0.6664	1.6000e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		124.3534	124.3534	6.3200e-003		124.4862

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0472	0.0738	0.6664	1.6000e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		124.3534	124.3534	6.3200e-003		124.4862
Total	0.0472	0.0738	0.6664	1.6000e-003	0.1415	1.0300e-003	0.1425	0.0375	9.5000e-004	0.0385		124.3534	124.3534	6.3200e-003		124.4862

3.5 Paving - 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	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0428	0.0672	0.6022	1.6000e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385	119.8646	119.8646	5.8800e-003		119.9881	
Total	0.0428	0.0672	0.6022	1.6000e-003	0.1415	1.0000e-003	0.1425	0.0375	9.3000e-004	0.0385	119.8646	119.8646	5.8800e-003		119.9881	

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799		2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799		2,160.7571	2,160.7571	0.6988		2,175.4326

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0396	0.0618	0.5522	1.6000e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		115.0305	115.0305	5.5200e-003		115.1465
Total	0.0396	0.0618	0.5522	1.6000e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		115.0305	115.0305	5.5200e-003		115.1465

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0396	0.0618	0.5522	1.6000e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		115.0305	115.0305	5.5200e-003		115.1465
Total	0.0396	0.0618	0.5522	1.6000e-003	0.1415	9.9000e-004	0.1425	0.0375	9.2000e-004	0.0384		115.0305	115.0305	5.5200e-003		115.1465

3.6 Architectural Coating - 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					
Archit. Coating	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177
Total	319.8717	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	10.3633	15.5967	145.4288	0.2451	21.6520	0.1806	21.8325	5.7427	0.1649	5.9076		21,283.5889	21,283.5889	1.2631		21,310.1131
Total	10.3633	15.5967	145.4288	0.2451	21.6520	0.1806	21.8325	5.7427	0.1649	5.9076		21,283.5889	21,283.5889	1.2631		21,310.1131

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Archit. Coating	319.4651					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209			0.2209	0.2209	0.0000	281.4481	281.4481	0.0367	282.2177
Total	319.8717	2.5703	1.9018	2.9700e-003		0.2209	0.2209			0.2209	0.2209	0.0000	281.4481	281.4481	0.0367	282.2177

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	10.3633	15.5967	145.4288	0.2451	21.6520	0.1806	21.8325	5.7427	0.1649	5.9076		21,283.5889	21,283.5889	1.2631		21,310.1131
Total	10.3633	15.5967	145.4288	0.2451	21.6520	0.1806	21.8325	5.7427	0.1649	5.9076		21,283.5889	21,283.5889	1.2631		21,310.1131

3.6 Architectural Coating - 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					
Archit. Coating	319.4651						0.0000	0.0000		0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003			0.1966	0.1966		0.1966		281.4481	281.4481	0.0332		282.1449

Total	319.8335	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	9.2398	13.9935	129.5751	0.2449	21.6520	0.1703	21.8223	5.7427	0.1561	5.8988		20,555.1908	20,555.1908	1.1528		20,579.4003
Total	9.2398	13.9935	129.5751	0.2449	21.6520	0.1703	21.8223	5.7427	0.1561	5.8988		20,555.1908	20,555.1908	1.1528		20,579.4003

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449
Total	319.8335	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	9.2398	13.9935	129.5751	0.2449	21.6520	0.1703	21.8223	5.7427	0.1561	5.8988		20,555.1908	20,555.1908	1.1528		20,579.4003
Total	9.2398	13.9935	129.5751	0.2449	21.6520	0.1703	21.8223	5.7427	0.1561	5.8988		20,555.1908	20,555.1908	1.1528		20,579.4003

3.6 Architectural Coating - 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					
Archit. Coating	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	319.7974	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	8.1353	12.5264	114.5250	0.2447	21.6520	0.1623	21.8143	5.7427	0.1494	5.8921	19,770.6006	19,770.6006	1.0526		19,792.7042	
Total	8.1353	12.5264	114.5250	0.2447	21.6520	0.1623	21.8143	5.7427	0.1494	5.8921	19,770.6006	19,770.6006	1.0526		19,792.7042	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	319.7974	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	8.1353	12.5264	114.5250	0.2447	21.6520	0.1623	21.8143	5.7427	0.1494	5.8921		19,770.6006	19,770.6006	1.0526		19,792.7042
Total	8.1353	12.5264	114.5250	0.2447	21.6520	0.1623	21.8143	5.7427	0.1494	5.8921		19,770.6006	19,770.6006	1.0526		19,792.7042

3.6 Architectural Coating - 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					
Archit. Coating	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	319.7637	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.2256	11.2887	102.0049	0.2446	21.6520	0.1569	21.8089	5.7427	0.1450	5.8877		19,034.3553	19,034.3553	0.9680		19,054.6836
Total	7.2256	11.2887	102.0049	0.2446	21.6520	0.1569	21.8089	5.7427	0.1450	5.8877		19,034.3553	19,034.3553	0.9680		19,054.6836

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	319.7637	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.2256	11.2887	102.0049	0.2446	21.6520	0.1569	21.8089	5.7427	0.1450	5.8877		19,034.3553	19,034.3553	0.9680		19,054.6836
Total	7.2256	11.2887	102.0049	0.2446	21.6520	0.1569	21.8089	5.7427	0.1450	5.8877		19,034.3553	19,034.3553	0.9680		19,054.6836

3.6 Architectural Coating - 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
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Category	lb/day										lb/day					
Archit. Coating	319.4651					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.1288	281.4481	281.4481	0.0238		281.9473
Total	319.7315	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.1288		281.4481	281.4481	0.0238	281.9473

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.5499	10.2823	92.1787	0.2445	21.6520	0.1536	21.8055	5.7427	0.1423	5.8850		18,347.2767	18,347.2767	0.8998		18,366.1729
Total	6.5499	10.2823	92.1787	0.2445	21.6520	0.1536	21.8055	5.7427	0.1423	5.8850		18,347.2767	18,347.2767	0.8998		18,366.1729

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	319.4651					0.0000	0.0000			0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288			0.1288	0.1288	281.4481	281.4481	0.0238		281.9473

Total	319.7315	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		281.9473
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.5499	10.2823	92.1787	0.2445	21.6520	0.1536	21.8055	5.7427	0.1423	5.8850		18,347.2767	18,347.2767	0.8998		18,366.1729
Total	6.5499	10.2823	92.1787	0.2445	21.6520	0.1536	21.8055	5.7427	0.1423	5.8850		18,347.2767	18,347.2767	0.8998		18,366.1729

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	319.4651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057
Total	319.7073	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	6.0593	9.4547	84.5279	0.2445	21.6520	0.1517	21.8037	5.7427	0.1407	5.8833	17,607.3326	17,607.3326	0.8455		17,625.0870	
Total	6.0593	9.4547	84.5279	0.2445	21.6520	0.1517	21.8037	5.7427	0.1407	5.8833	17,607.3326	17,607.3326	0.8455		17,625.0870	

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2,200.9708	4,330.8749	22,028.7960	28.6083	2,099.5195	54.8478	2,154.3674	560.6716	50.2822	610.9539		2,634,109.5941	2,634,109.5941	140.5550		2,637,061.2488
Unmitigated	2,200.9708	4,330.8749	22,028.7960	28.6083	2,099.5195	54.8478	2,154.3674	560.6716	50.2822	610.9539		2,634,109.5941	2,634,109.5941	140.5550		2,637,061.2488

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	37,477.33	40,718.92	34520.09	83,753,801	83,753,801
General Light Industry	20,460.44	3,874.86	1996.14	45,116,113	45,116,113
General Light Industry	1,877.02	355.48	183.12	4,138,910	4,138,910
General Office Building	34,889.59	7,510.29	3105.52	63,179,520	63,179,520
Hotel	231.21	231.78	168.39	422,386	422,386
Junior College (2Yr)	6,000.00	2,100.00	200.00	11,718,149	11,718,149
Place of Worship	1,246.25	1,418.62	5010.98	3,383,496	3,383,496

Category	lb/day										lb/day					
NaturalGas Mitigated:	15.0737	131.5384	74.8074	0.8222		10.4146	10.4146		10.4146	10.4146		164,440.7479	164,440.7479	3.1518	3.0148	165,441.5069
NaturalGas Unmitigated	15.0737	131.5384	74.8074	0.8222		10.4146	10.4146		10.4146	10.4146		164,440.7479	164,440.7479	3.1518	3.0148	165,441.5069

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	CO
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	20223.3	0.2181	1.9827	1.6655	0.0119		0.1507	0.1507		0.1507	0.1507		2,379.2145	2,379.2145	0.0456	0.0436	2,393.0
General Light Industry	220444	2.3773	21.6122	18.1542	0.1297		1.6425	1.6425		1.6425	1.6425		25,934.5866	25,934.5866	0.4971	0.4755	26,092.6
General Office Building	149503	1.6123	14.6571	12.3120	0.0879		1.1139	1.1139		1.1139	1.1139		17,588.5441	17,588.5441	0.3371	0.3225	17,695.1
Hotel	5221.45	0.0563	0.5119	0.4300	3.0700e-003		0.0389	0.0389		0.0389	0.0389		614.2880	614.2880	0.0118	0.0113	618.0
Junior College (2Yr)	15081	0.1626	1.4785	1.2420	8.8700e-003		0.1124	0.1124		0.1124	0.1124		1,774.2296	1,774.2296	0.0340	0.0325	1,785.0
Place of Worship	10273.1	0.1108	1.0072	0.8460	6.0400e-003		0.0765	0.0765		0.0765	0.0765		1,208.6021	1,208.6021	0.0232	0.0222	1,215.0
Regional Shopping Center	20653.4	0.2227	2.0248	1.7009	0.0122		0.1539	0.1539		0.1539	0.1539		2,429.8066	2,429.8066	0.0466	0.0446	2,444.0
Regional Shopping Center	22094.8	0.2383	2.1662	1.8196	0.0130		0.1646	0.1646		0.1646	0.1646		2,599.3915	2,599.3915	0.0498	0.0477	2,615.0
Single Family Housing	766269	8.2637	70.6169	30.0498	0.4508		5.7095	5.7095		5.7095	5.7095		90,149.2422	90,149.2422	1.7279	1.6527	90,697.2
Apartments Low Rise:	167984	1.8116	15.4809	6.5876	0.0988		1.2517	1.2517		1.2517	1.2517		19,762.8428	19,762.8428	0.3788	0.3623	19,883.8
Total		15.0737	131.5384	74.8074	0.8222		10.4146	10.4146		10.4146	10.4146		164,440.7479	164,440.7479	3.1518	3.0148	165,441.5069

Mitigated

	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	CO
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	20.2233	0.2181	1.9827	1.6655	0.0119		0.1507	0.1507		0.1507	0.1507		2,379.2145	2,379.2145	0.0456	0.0436	2,393.
General Light Industry	220.444	2.3773	21.6122	18.1542	0.1297		1.6425	1.6425		1.6425	1.6425		25,934.5866	25,934.5866	0.4971	0.4755	26,092
General Office Building	149.503	1.6123	14.6571	12.3120	0.0879		1.1139	1.1139		1.1139	1.1139		17,588.5441	17,588.5441	0.3371	0.3225	17,695
Hotel	5.22145	0.0563	0.5119	0.4300	3.0700e-003		0.0389	0.0389		0.0389	0.0389		614.2880	614.2880	0.0118	0.0113	618.0
Junior College (2Yr)	15.081	0.1626	1.4785	1.2420	8.8700e-003		0.1124	0.1124		0.1124	0.1124		1,774.2296	1,774.2296	0.0340	0.0325	1,785.
Place of Worship	10.2731	0.1108	1.0072	0.8460	6.0400e-003		0.0765	0.0765		0.0765	0.0765		1,208.6021	1,208.6021	0.0232	0.0222	1,215.
Regional Shopping Center	20.6534	0.2227	2.0248	1.7009	0.0122		0.1539	0.1539		0.1539	0.1539		2,429.8066	2,429.8066	0.0466	0.0446	2,444.
Regional Shopping Center	22.0948	0.2383	2.1662	1.8196	0.0130		0.1646	0.1646		0.1646	0.1646		2,599.3915	2,599.3915	0.0498	0.0477	2,615.
Single Family Housing	766.269	8.2637	70.6169	30.0498	0.4508		5.7095	5.7095		5.7095	5.7095		90,149.2422	90,149.2422	1.7279	1.6527	90,697
Apartments Low Rise	167.984	1.8116	15.4809	6.5876	0.0988		1.2517	1.2517		1.2517	1.2517		19,762.8428	19,762.8428	0.3788	0.3623	19,883
Total		15.0737	131.5384	74.8074	0.8222		10.4146	10.4146		10.4146	10.4146		164,440.7479	164,440.7479	3.1518	3.0148	165,449

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	884.7967	13.6581	1,153.9727	0.0595		24.6599	24.6599		24.4647	24.4647	0.0000	294,816.4406	294,816.4406	7.7798	5.3678	296,643.8400
Unmitigated	17,065.6254	228.5766	20,826.2561	6.7945		2,766.5212	2,766.5212		2,766.3978	2,766.3978	286,715.6428	187,016.5230	473,732.1658	238.0716	24.3042	486,265.9855

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	114.2197						0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Consumer Products	706.0235						0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Hearth	16,207.6677	214.9197	19,673.7474	6.7350		2,760.4046	2,760.4046		2,760.2813	2,760.2813	286,715.6428	184,990.2353	471,705.8781	235.9037	24.3042	484,194.1705
Landscaping	37.7144	13.6568	1,152.5087	0.0595		6.1165	6.1165		6.1165	6.1165		2,026.2877	2,026.2877	2.1680		2,071.8150
Total	17,065.6254	228.5766	20,826.2561	6.7945		2,766.5212	2,766.5212		2,766.3978	2,766.3978	286,715.6428	187,016.5230	473,732.1658	238.0716	24.3042	486,265.9855

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	114.2197					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	706.0235					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	26.8391	1.2200e-003	1.4640	0.0000		18.5434	18.5434		18.3482	18.3482	0.0000	292,790.1529	292,790.1529	5.6118	5.3678	294,572.0250
Landscaping	37.7144	13.6568	1,152.5087	0.0595		6.1165	6.1165		6.1165	6.1165		2,026.2877	2,026.2877	2.1680		2,071.8150
Total	884.7967	13.6581	1,153.9727	0.0595		24.6599	24.6599		24.4647	24.4647	0.0000	294,816.4406	294,816.4406	7.7798	5.3678	296,643.8400

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

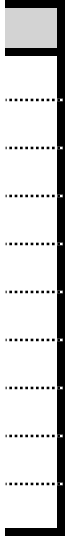
8.1 Mitigation Measures Waste

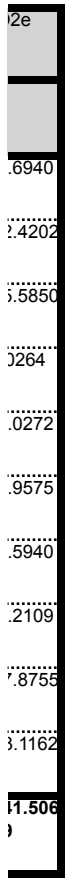
9.0 Operational Offroad

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

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2e

.6940

2.4202

3.5850

0.264

.0272

.9575

.5940

.2109

7.8755

3.1162

1.506

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