

Appendix B

California Emissions Estimator Modeling Results

Town of Windsor 2040 GP - Sonoma-North Coast County, Annual

Town of Windsor 2040 GP
Sonoma-North Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	292.57	1000sqft	6.72	292,573.00	0
Government Office Building	13.70	1000sqft	0.31	13,700.00	0
Elementary School	167.00	Student	0.32	13,961.76	0
High School	166.00	Student	0.51	22,021.72	0
Junior High School	167.00	Student	0.45	19,632.80	0
General Heavy Industry	75.29	1000sqft	1.73	75,290.00	0
General Light Industry	270.03	1000sqft	6.20	270,025.00	0
Unrefrigerated Warehouse-No Rail	258.65	1000sqft	5.94	258,654.00	0
Hotel	344.00	Room	11.47	499,488.00	0
Apartments Low Rise	1,640.00	Dwelling Unit	102.50	1,640,000.00	4690
Retirement Community	25.00	Dwelling Unit	5.00	25,000.00	72
Single Family Housing	2,232.00	Dwelling Unit	724.68	4,017,600.00	6384
Regional Shopping Center	407.25	1000sqft	9.35	407,245.00	0
Strip Mall	235.08	1000sqft	5.40	235,079.00	0
Junior College (2Yr)	441.00	Student	0.44	19,250.64	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	75
Climate Zone	4	Operational Year	2040		
Utility Company	Pacific Gas & Electric Company				

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CO2 Intensity 641.35 **CH4 Intensity** 0.029 **N2O Intensity** 0.006
(lb/MW hr) **(lb/MW hr)** **(lb/MW hr)**

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Buildout GP Year 2040

Land Use - School divided between elementary, junior high, and high school. Institutional modeled as gov. office building.

Construction Phase - Arch coating changed to overlap with building construction for a more realistic scenario

Vehicle Trips - Trip rates from W-Trans traffic report

Woodstoves - No fireplaces or wood stoves per BAAQMD Rule 3

Energy Use - Applied Title 24 2016 standards for 28% reduction in residences and 5% reduction in commercial

Construction Off-road Equipment Mitigation - Implementation of BAAQMD Basic Construction Measures

Waste Mitigation - Reduction per CalGreen standards

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	990.00	2,000.00
tblConstructionPhase	NumDays	13,950.00	4,000.00
tblConstructionPhase	NumDays	900.00	250.00
tblConstructionPhase	NumDays	1,395.00	350.00
tblConstructionPhase	NumDays	990.00	500.00
tblConstructionPhase	NumDays	540.00	500.00
tblConstructionPhase	PhaseEndDate	2/15/2047	8/31/2039
tblConstructionPhase	PhaseStartDate	6/18/2039	1/1/2032
tblEnergyUse	LightingElect	810.36	583.46
tblEnergyUse	LightingElect	3.98	3.78
tblEnergyUse	LightingElect	3.98	3.78

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tblEnergyUse	LightingElect	5.38	5.11
tblEnergyUse	LightingElect	1,001.10	720.79
tblEnergyUse	LightingElect	1,608.84	1,158.36
tblEnergyUse	LightingElect	5.38	5.11
tblEnergyUse	NT24E	3,418.36	2,461.22
tblEnergyUse	NT24E	7.84	7.45
tblEnergyUse	NT24E	7.84	7.45
tblEnergyUse	NT24E	2.68	2.55
tblEnergyUse	NT24E	3,418.36	2,461.22
tblEnergyUse	NT24E	6,680.41	4,809.90
tblEnergyUse	NT24E	2.68	2.55
tblEnergyUse	NT24NG	3,155.00	2,271.60
tblEnergyUse	NT24NG	0.06	0.06
tblEnergyUse	NT24NG	0.06	0.06
tblEnergyUse	NT24NG	3,155.00	2,271.60
tblEnergyUse	NT24NG	3,155.00	2,271.60
tblEnergyUse	T24E	431.22	310.48
tblEnergyUse	T24E	6.40	6.08
tblEnergyUse	T24E	6.40	6.08
tblEnergyUse	T24E	2.89	2.75
tblEnergyUse	T24E	431.22	310.48
tblEnergyUse	T24E	368.92	265.62
tblEnergyUse	T24E	2.89	2.75
tblEnergyUse	T24NG	10,164.29	7,318.29
tblEnergyUse	T24NG	16.39	15.57
tblEnergyUse	T24NG	16.39	15.57
tblEnergyUse	T24NG	2.38	2.26

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tblEnergyUse	T24NG	10,164.29	7,318.29
tblEnergyUse	T24NG	32,797.58	23,614.26
tblEnergyUse	T24NG	2.38	2.26
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	902.00	0.00
tblFireplaces	NumberGas	13.75	0.00
tblFireplaces	NumberGas	1,227.60	0.00
tblFireplaces	NumberNoFireplace	164.00	0.00
tblFireplaces	NumberNoFireplace	2.50	0.00
tblFireplaces	NumberNoFireplace	223.20	0.00
tblFireplaces	NumberWood	574.00	0.00
tblFireplaces	NumberWood	8.75	0.00
tblFireplaces	NumberWood	781.20	0.00
tblGrading	AcresOfGrading	875.00	3,487.50
tblProjectCharacteristics	OperationalYear	2018	2040
tblVehicleTrips	ST_TR	7.16	6.65
tblVehicleTrips	ST_TR	0.00	6.48
tblVehicleTrips	ST_TR	8.19	8.92
tblVehicleTrips	ST_TR	2.03	4.00

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tblVehicleTrips	ST_TR	9.91	9.52
tblVehicleTrips	ST_TR	42.04	44.00
tblVehicleTrips	SU_TR	6.07	6.65
tblVehicleTrips	SU_TR	0.00	6.48
tblVehicleTrips	SU_TR	5.95	8.92
tblVehicleTrips	SU_TR	1.95	4.00
tblVehicleTrips	SU_TR	8.62	9.52
tblVehicleTrips	SU_TR	20.43	44.00
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	1.29	1.50
tblVehicleTrips	WD_TR	68.93	6.48
tblVehicleTrips	WD_TR	1.71	1.50
tblVehicleTrips	WD_TR	8.17	8.92
tblVehicleTrips	WD_TR	1.62	1.50
tblVehicleTrips	WD_TR	2.40	4.00
tblVehicleTrips	WD_TR	44.32	44.00
tblWoodstoves	NumberCatalytic	82.00	0.00
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	111.60	0.00
tblWoodstoves	NumberNoncatalytic	82.00	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	111.60	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

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tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
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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					
2018	0.5013	5.0642	2.9981	5.2300e-003	4.5321	0.2566	4.7887	2.4868	0.2388	2.7256	0.0000	473.3346	473.3346	0.1276	0.0000	476.5243
2019	0.5779	5.9564	2.9706	5.1500e-003	4.5350	0.3121	4.8471	2.4876	0.2871	2.7747	0.0000	463.4244	463.4244	0.1418	0.0000	466.9692
2020	0.5518	5.6972	3.0792	5.5800e-003	7.4385	0.2876	7.7261	3.2666	0.2646	3.5312	0.0000	491.0263	491.0263	0.1539	0.0000	494.8725
2021	0.5585	6.0632	4.1119	8.3000e-003	2.9236	0.2593	3.1828	0.7844	0.2385	1.0229	0.0000	729.3761	729.3761	0.2306	0.0000	735.1416
2022	4.4954	29.3597	32.5652	0.1301	25.0121	0.2345	25.2467	6.4123	0.2196	6.6319	0.0000	12,128.8832	12,128.8832	0.6325	0.0000	12,144.6951
2023	5.0167	29.1869	36.3244	0.1578	28.0351	0.1839	28.2189	7.1432	0.1723	7.3154	0.0000	14,734.2610	14,734.2610	0.6613	0.0000	14,750.7940
2024	4.7137	28.6692	33.6699	0.1553	28.2506	0.1706	28.4212	7.1981	0.1598	7.3578	0.0000	14,516.2994	14,516.2994	0.6374	0.0000	14,532.2339
2025	4.3917	27.8640	31.1084	0.1511	28.1426	0.1561	28.2987	7.1705	0.1462	7.3167	0.0000	14,135.6033	14,135.6033	0.6112	0.0000	14,150.8823
2026	4.1410	27.3393	29.0678	0.1478	28.1424	0.1529	28.2953	7.1705	0.1431	7.3136	0.0000	13,843.3334	13,843.3334	0.5898	0.0000	13,858.0791
2027	3.8987	26.8466	27.2385	0.1449	28.1423	0.1486	28.2909	7.1704	0.1391	7.3096	0.0000	13,582.2990	13,582.2990	0.5706	0.0000	13,596.5636
2028	3.6457	26.3273	25.5680	0.1418	28.0344	0.1434	28.1778	7.1429	0.1343	7.2772	0.0000	13,302.4741	13,302.4741	0.5519	0.0000	13,316.2725
2029	3.4090	26.0202	24.1851	0.1401	28.1421	0.1395	28.2816	7.1704	0.1307	7.3010	0.0000	13,148.4315	13,148.4315	0.5387	0.0000	13,161.8993

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2030	3.1606	25.0607	22.9082	0.1386	28.1421	0.0859	28.2280	7.1704	0.0815	7.2518	0.0000	13,008.9970	13,008.9970	0.4672	0.0000	13,020.6763
2031	2.8911	24.7212	21.6461	0.1369	28.1420	0.0822	28.2242	7.1703	0.0780	7.2484	0.0000	12,852.3500	12,852.3500	0.4537	0.0000	12,863.6922
2032	17.8406	24.7809	22.7268	0.1441	30.3949	0.0868	30.4817	7.7482	0.0825	7.8306	0.0000	13,507.4574	13,507.4574	0.4562	0.0000	13,518.8624
2033	17.5024	24.3128	21.5758	0.1415	30.1628	0.0829	30.2457	7.6890	0.0788	7.7678	0.0000	13,275.7651	13,275.7651	0.4424	0.0000	13,286.8245
2034	17.3329	24.0718	20.6675	0.1403	30.1628	0.0798	30.2426	7.6890	0.0760	7.7650	0.0000	13,164.8798	13,164.8798	0.4328	0.0000	13,175.6996
2035	17.2450	23.8442	19.9892	0.1398	30.2788	0.0685	30.3473	7.7185	0.0649	7.7834	0.0000	13,121.3224	13,121.3224	0.4252	0.0000	13,131.9522
2036	17.3110	23.9356	20.0658	0.1403	30.3948	0.0688	30.4636	7.7481	0.0651	7.8132	0.0000	13,171.5956	13,171.5956	0.4268	0.0000	13,182.2662
2037	16.3078	13.3597	12.6151	0.0813	17.4548	0.0509	17.5057	4.4512	0.0487	4.4999	0.0000	7,606.6607	7,606.6607	0.2409	0.0000	7,612.6836
2038	15.1895	0.8487	3.8158	0.0115	2.1523	0.0298	2.1821	0.5524	0.0295	0.5818	0.0000	1,026.1401	1,026.1401	0.0210	0.0000	1,026.6657
2039	10.0374	0.4330	2.1059	6.8800e-003	1.4235	0.0148	1.4383	0.3653	0.0146	0.3799	0.0000	614.4777	614.4777	0.0115	0.0000	614.7642
Maximum	17.8406	29.3597	36.3244	0.1578	30.3949	0.3121	30.4817	7.7482	0.2871	7.8306	0.0000	14,734.2610	14,734.2610	0.6613	0.0000	14,750.7940

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.5013	5.0642	2.9981	5.2300e-003	4.5321	0.2566	4.7887	2.4868	0.2388	2.7256	0.0000	473.3340	473.3340	0.1276	0.0000	476.5238

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.5779	5.9564	2.9706	5.1500e-003	4.5350	0.3121	4.8471	2.4876	0.2871	2.7747	0.0000	463.4239	463.4239	0.1418	0.0000	466.9686
2020	0.5518	5.6972	3.0792	5.5800e-003	7.4385	0.2876	7.7261	3.2666	0.2646	3.5312	0.0000	491.0257	491.0257	0.1539	0.0000	494.8720
2021	0.5585	6.0632	4.1119	8.3000e-003	2.9236	0.2593	3.1828	0.7844	0.2385	1.0229	0.0000	729.3752	729.3752	0.2306	0.0000	735.1407
2022	4.4954	29.3597	32.5652	0.1301	25.0121	0.2345	25.2467	6.4123	0.2196	6.6319	0.0000	12,128.8827	12,128.8827	0.6325	0.0000	12,144.6947
2023	5.0167	29.1869	36.3244	0.1578	28.0351	0.1839	28.2189	7.1432	0.1723	7.3154	0.0000	14,734.2607	14,734.2607	0.6613	0.0000	14,750.7936
2024	4.7137	28.6692	33.6699	0.1553	28.2506	0.1706	28.4212	7.1981	0.1598	7.3578	0.0000	14,516.2990	14,516.2990	0.6374	0.0000	14,532.2335
2025	4.3917	27.8640	31.1084	0.1511	28.1426	0.1561	28.2987	7.1705	0.1462	7.3167	0.0000	14,135.6030	14,135.6030	0.6112	0.0000	14,150.8820
2026	4.1410	27.3393	29.0678	0.1478	28.1424	0.1529	28.2953	7.1705	0.1431	7.3136	0.0000	13,843.3330	13,843.3330	0.5898	0.0000	13,858.0788
2027	3.8987	26.8466	27.2385	0.1449	28.1423	0.1486	28.2909	7.1704	0.1391	7.3096	0.0000	13,582.2987	13,582.2987	0.5706	0.0000	13,596.5632
2028	3.6457	26.3273	25.5679	0.1418	28.0344	0.1434	28.1778	7.1429	0.1343	7.2772	0.0000	13,302.4737	13,302.4737	0.5519	0.0000	13,316.2722
2029	3.4090	26.0202	24.1851	0.1401	28.1421	0.1395	28.2816	7.1704	0.1307	7.3010	0.0000	13,148.4312	13,148.4312	0.5387	0.0000	13,161.8990
2030	3.1606	25.0607	22.9082	0.1386	28.1421	0.0859	28.2280	7.1704	0.0815	7.2518	0.0000	13,008.9966	13,008.9966	0.4672	0.0000	13,020.6759
2031	2.8911	24.7212	21.6461	0.1369	28.1420	0.0822	28.2242	7.1703	0.0780	7.2484	0.0000	12,852.3496	12,852.3496	0.4537	0.0000	12,863.6918
2032	17.8406	24.7809	22.7268	0.1441	30.3949	0.0868	30.4817	7.7482	0.0825	7.8306	0.0000	13,507.4570	13,507.4570	0.4562	0.0000	13,518.8620
2033	17.5024	24.3128	21.5758	0.1415	30.1628	0.0829	30.2457	7.6890	0.0788	7.7678	0.0000	13,275.7647	13,275.7647	0.4424	0.0000	13,286.8240
2034	17.3329	24.0718	20.6675	0.1403	30.1628	0.0798	30.2426	7.6890	0.0760	7.7650	0.0000	13,164.8794	13,164.8794	0.4328	0.0000	13,175.6991
2035	17.2450	23.8442	19.9892	0.1398	30.2788	0.0685	30.3473	7.7185	0.0649	7.7834	0.0000	13,121.3219	13,121.3219	0.4252	0.0000	13,131.9517
2036	17.3110	23.9356	20.0657	0.1403	30.3948	0.0688	30.4636	7.7481	0.0651	7.8132	0.0000	13,171.5952	13,171.5952	0.4268	0.0000	13,182.2657

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2037	16.3078	13.3597	12.6151	0.0813	17.4548	0.0509	17.5057	4.4512	0.0487	4.4999	0.0000	7,606.6603	7,606.6603	0.2409	0.0000	7,612.6832
2038	15.1895	0.8487	3.8158	0.0115	2.1523	0.0298	2.1821	0.5524	0.0295	0.5818	0.0000	1,026.1397	1,026.1397	0.0210	0.0000	1,026.6653
2039	10.0374	0.4330	2.1059	6.8800e-003	1.4235	0.0148	1.4383	0.3653	0.0146	0.3799	0.0000	614.4775	614.4775	0.0115	0.0000	614.7640
Maximum	17.8406	29.3597	36.3244	0.1578	30.3949	0.3121	30.4817	7.7482	0.2871	7.8306	0.0000	14,734.2607	14,734.2607	0.6613	0.0000	14,750.7936

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2018	3-31-2018	1.3568	1.3568
2	4-1-2018	6-30-2018	1.3711	1.3711
3	7-1-2018	9-30-2018	1.3862	1.3862
4	10-1-2018	12-31-2018	1.4522	1.4522
5	1-1-2019	3-31-2019	1.6100	1.6100
6	4-1-2019	6-30-2019	1.6272	1.6272
7	7-1-2019	9-30-2019	1.6450	1.6450
8	10-1-2019	12-31-2019	1.6458	1.6458
9	1-1-2020	3-31-2020	1.5164	1.5164
10	4-1-2020	6-30-2020	1.5157	1.5157
11	7-1-2020	9-30-2020	1.5324	1.5324
12	10-1-2020	12-31-2020	1.6731	1.6731
13	1-1-2021	3-31-2021	1.6315	1.6315
14	4-1-2021	6-30-2021	1.6489	1.6489

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15	7-1-2021	9-30-2021	1.6671	1.6671
16	10-1-2021	12-31-2021	1.6677	1.6677
17	1-1-2022	3-31-2022	2.6813	2.6813
18	4-1-2022	6-30-2022	10.2416	10.2416
19	7-1-2022	9-30-2022	10.3541	10.3541
20	10-1-2022	12-31-2022	10.6809	10.6809
21	1-1-2023	3-31-2023	8.6353	8.6353
22	4-1-2023	6-30-2023	8.4629	8.4629
23	7-1-2023	9-30-2023	8.5559	8.5559
24	10-1-2023	12-31-2023	8.8272	8.8272
25	1-1-2024	3-31-2024	8.4472	8.4472
26	4-1-2024	6-30-2024	8.2009	8.2009
27	7-1-2024	9-30-2024	8.2910	8.2910
28	10-1-2024	12-31-2024	8.5400	8.5400
29	1-1-2025	3-31-2025	8.0950	8.0950
30	4-1-2025	6-30-2025	7.9582	7.9582
31	7-1-2025	9-30-2025	8.0457	8.0457
32	10-1-2025	12-31-2025	8.2749	8.2749
33	1-1-2026	3-31-2026	7.8932	7.8932
34	4-1-2026	6-30-2026	7.7701	7.7701
35	7-1-2026	9-30-2026	7.8555	7.8555
36	10-1-2026	12-31-2026	8.0686	8.0686
37	1-1-2027	3-31-2027	7.7019	7.7019
38	4-1-2027	6-30-2027	7.5917	7.5917
39	7-1-2027	9-30-2027	7.6751	7.6751
40	10-1-2027	12-31-2027	7.8731	7.8731
41	1-1-2028	3-31-2028	7.6136	7.6136

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42	4-1-2028	6-30-2028	7.4319	7.4319
43	7-1-2028	9-30-2028	7.5136	7.5136
44	10-1-2028	12-31-2028	7.6973	7.6973
45	1-1-2029	3-31-2029	7.3573	7.3573
46	4-1-2029	6-30-2029	7.2714	7.2714
47	7-1-2029	9-30-2029	7.3513	7.3513
48	10-1-2029	12-31-2029	7.5208	7.5208
49	1-1-2030	3-31-2030	7.0499	7.0499
50	4-1-2030	6-30-2030	6.9736	6.9736
51	7-1-2030	9-30-2030	7.0503	7.0503
52	10-1-2030	12-31-2030	7.2066	7.2066
53	1-1-2031	3-31-2031	6.8889	6.8889
54	4-1-2031	6-30-2031	6.8250	6.8250
55	7-1-2031	9-30-2031	6.9000	6.9000
56	10-1-2031	12-31-2031	7.0420	7.0420
57	1-1-2032	3-31-2032	10.6654	10.6654
58	4-1-2032	6-30-2032	10.5228	10.5228
59	7-1-2032	9-30-2032	10.6384	10.6384
60	10-1-2032	12-31-2032	10.7826	10.7826
61	1-1-2033	3-31-2033	10.4211	10.4211
62	4-1-2033	6-30-2033	10.4045	10.4045
63	7-1-2033	9-30-2033	10.5188	10.5188
64	10-1-2033	12-31-2033	10.6527	10.6527
65	1-1-2034	3-31-2034	10.3128	10.3128
66	4-1-2034	6-30-2034	10.3028	10.3028
67	7-1-2034	9-30-2034	10.4161	10.4161
68	10-1-2034	12-31-2034	10.5420	10.5420

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69	1-1-2035	3-31-2035	10.1907	10.1907
70	4-1-2035	6-30-2035	10.1852	10.1852
71	7-1-2035	9-30-2035	10.2971	10.2971
72	10-1-2035	12-31-2035	10.4171	10.4171
73	1-1-2036	3-31-2036	10.3039	10.3039
74	4-1-2036	6-30-2036	10.1852	10.1852
75	7-1-2036	9-30-2036	10.2971	10.2971
76	10-1-2036	12-31-2036	10.4171	10.4171
77	1-1-2037	3-31-2037	10.1907	10.1907
78	4-1-2037	6-30-2037	10.1852	10.1852
79	7-1-2037	9-30-2037	5.1933	5.1933
80	10-1-2037	12-31-2037	4.0473	4.0473
81	1-1-2038	3-31-2038	3.9593	3.9593
82	4-1-2038	6-30-2038	3.9926	3.9926
83	7-1-2038	9-30-2038	4.0364	4.0364
84	10-1-2038	12-31-2038	4.0473	4.0473
85	1-1-2039	3-31-2039	3.9593	3.9593
86	4-1-2039	6-30-2039	3.9645	3.9645
87	7-1-2039	9-30-2039	2.5863	2.5863
		Highest	10.7826	10.7826

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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	42.7180	0.3328	28.8345	1.5300e-003		0.1606	0.1606		0.1606	0.1606	0.0000	47.3166	47.3166	0.0451	0.0000	48.4446
Energy	0.6134	5.3595	3.0936	0.0335		0.4238	0.4238		0.4238	0.4238	0.0000	17,612.7033	17,612.7033	0.6383	0.2193	17,694.0032
Mobile	7.5746	65.1440	90.9871	0.5275	58.4897	0.2281	58.7178	15.7228	0.2127	15.9355	0.0000	49,061.1954	49,061.1954	1.5349	0.0000	49,099.5669
Waste						0.0000	0.0000		0.0000	0.0000	1,103.8304	0.0000	1,103.8304	65.2345	0.0000	2,734.6930
Water						0.0000	0.0000		0.0000	0.0000	160.8739	1,031.5581	1,192.4320	16.5699	0.3998	1,725.8211
Total	50.9060	70.8363	122.9152	0.5625	58.4897	0.8125	59.3022	15.7228	0.7971	16.5199	1,264.7042	67,752.7734	69,017.4776	84.0227	0.6191	71,302.5289

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	42.7180	0.3328	28.8345	1.5300e-003		0.1606	0.1606		0.1606	0.1606	0.0000	47.3166	47.3166	0.0451	0.0000	48.4446
Energy	0.6134	5.3595	3.0936	0.0335		0.4238	0.4238		0.4238	0.4238	0.0000	17,612.7033	17,612.7033	0.6383	0.2193	17,694.0032
Mobile	7.5746	65.1440	90.9871	0.5275	58.4897	0.2281	58.7178	15.7228	0.2127	15.9355	0.0000	49,061.1954	49,061.1954	1.5349	0.0000	49,099.5669
Waste						0.0000	0.0000		0.0000	0.0000	1,103.8304	0.0000	1,103.8304	65.2345	0.0000	2,734.6930
Water						0.0000	0.0000		0.0000	0.0000	160.8739	1,031.5581	1,192.4320	16.5699	0.3998	1,725.8211
Total	50.9060	70.8363	122.9152	0.5625	58.4897	0.8125	59.3022	15.7228	0.7971	16.5199	1,264.7042	67,752.7734	69,017.4776	84.0227	0.6191	71,302.5289

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2018	12/14/2018	5	250	
2	Site Preparation	Site Preparation	12/15/2018	11/13/2020	5	500	
3	Grading	Grading	11/14/2020	3/18/2022	5	350	
4	Building Construction	Building Construction	3/19/2022	7/17/2037	5	4000	
5	Paving	Paving	7/18/2037	6/17/2039	5	500	
6	Architectural Coating	Architectural Coating	1/1/2032	8/31/2039	5	2000	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 3487.5

Acres of Paving: 0

**Residential Indoor: 11,507,265; Residential Outdoor: 3,835,755; Non-Residential Indoor: 3,190,381; Non-Residential Outdoor: 1,063,460;
Striped Parking Area: 0 (Architectural Coating – sqft)**

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,801.00	765.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,801.00	765.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,801.00	765.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	560.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	560.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 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	0.4649	4.7903	2.7880	4.8500e-003		0.2423	0.2423		0.2256	0.2256	0.0000	439.0509	439.0509	0.1210	0.0000	442.0750
Total	0.4649	4.7903	2.7880	4.8500e-003		0.2423	0.2423		0.2256	0.2256	0.0000	439.0509	439.0509	0.1210	0.0000	442.0750

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3.2 Demolition - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0107	8.3400e-003	0.0822	1.6000e-004	0.0147	1.3000e-004	0.0148	3.9200e-003	1.2000e-004	4.0400e-003	0.0000	14.4051	14.4051	6.4000e-004	0.0000	14.4211
Total	0.0107	8.3400e-003	0.0822	1.6000e-004	0.0147	1.3000e-004	0.0148	3.9200e-003	1.2000e-004	4.0400e-003	0.0000	14.4051	14.4051	6.4000e-004	0.0000	14.4211

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4649	4.7903	2.7880	4.8500e-003		0.2423	0.2423		0.2256	0.2256	0.0000	439.0504	439.0504	0.1210	0.0000	442.0745
Total	0.4649	4.7903	2.7880	4.8500e-003		0.2423	0.2423		0.2256	0.2256	0.0000	439.0504	439.0504	0.1210	0.0000	442.0745

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3.2 Demolition - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0107	8.3400e-003	0.0822	1.6000e-004	0.0147	1.3000e-004	0.0148	3.9200e-003	1.2000e-004	4.0400e-003	0.0000	14.4051	14.4051	6.4000e-004	0.0000	14.4211
Total	0.0107	8.3400e-003	0.0822	1.6000e-004	0.0147	1.3000e-004	0.0148	3.9200e-003	1.2000e-004	4.0400e-003	0.0000	14.4051	14.4051	6.4000e-004	0.0000	14.4211

3.3 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					4.5166	0.0000	4.5166	2.4827	0.0000	2.4827	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0251	0.2651	0.1236	2.1000e-004		0.0142	0.0142		0.0130	0.0130	0.0000	19.1180	19.1180	5.9500e-003	0.0000	19.2667
Total	0.0251	0.2651	0.1236	2.1000e-004	4.5166	0.0142	4.5307	2.4827	0.0130	2.4957	0.0000	19.1180	19.1180	5.9500e-003	0.0000	19.2667

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3.3 Site Preparation - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7000e-004	4.4000e-004	4.3400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.8000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.7606	0.7606	3.0000e-005	0.0000	0.7614
Total	5.7000e-004	4.4000e-004	4.3400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.8000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.7606	0.7606	3.0000e-005	0.0000	0.7614

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.5166	0.0000	4.5166	2.4827	0.0000	2.4827	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0251	0.2651	0.1236	2.1000e-004		0.0142	0.0142		0.0130	0.0130	0.0000	19.1179	19.1179	5.9500e-003	0.0000	19.2667
Total	0.0251	0.2651	0.1236	2.1000e-004	4.5166	0.0142	4.5307	2.4827	0.0130	2.4957	0.0000	19.1179	19.1179	5.9500e-003	0.0000	19.2667

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3.3 Site Preparation - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7000e-004	4.4000e-004	4.3400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.8000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.7606	0.7606	3.0000e-005	0.0000	0.7614
Total	5.7000e-004	4.4000e-004	4.3400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.8000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.7606	0.7606	3.0000e-005	0.0000	0.7614

3.3 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.5166	0.0000	4.5166	2.4827	0.0000	2.4827	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5657	5.9472	2.8792	4.9600e-003		0.3119	0.3119		0.2870	0.2870	0.0000	445.9014	445.9014	0.1411	0.0000	449.4283
Total	0.5657	5.9472	2.8792	4.9600e-003	4.5166	0.3119	4.8285	2.4827	0.2870	2.7697	0.0000	445.9014	445.9014	0.1411	0.0000	449.4283

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3.3 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0122	9.2000e-003	0.0914	1.9000e-004	0.0184	1.6000e-004	0.0186	4.9100e-003	1.4000e-004	5.0500e-003	0.0000	17.5231	17.5231	7.1000e-004	0.0000	17.5409
Total	0.0122	9.2000e-003	0.0914	1.9000e-004	0.0184	1.6000e-004	0.0186	4.9100e-003	1.4000e-004	5.0500e-003	0.0000	17.5231	17.5231	7.1000e-004	0.0000	17.5409

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.5166	0.0000	4.5166	2.4827	0.0000	2.4827	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5657	5.9472	2.8792	4.9600e-003		0.3119	0.3119		0.2870	0.2870	0.0000	445.9008	445.9008	0.1411	0.0000	449.4278
Total	0.5657	5.9472	2.8792	4.9600e-003	4.5166	0.3119	4.8285	2.4827	0.2870	2.7697	0.0000	445.9008	445.9008	0.1411	0.0000	449.4278

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3.3 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0122	9.2000e-003	0.0914	1.9000e-004	0.0184	1.6000e-004	0.0186	4.9100e-003	1.4000e-004	5.0500e-003	0.0000	17.5231	17.5231	7.1000e-004	0.0000	17.5409
Total	0.0122	9.2000e-003	0.0914	1.9000e-004	0.0184	1.6000e-004	0.0186	4.9100e-003	1.4000e-004	5.0500e-003	0.0000	17.5231	17.5231	7.1000e-004	0.0000	17.5409

3.3 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					4.5166	0.0000	4.5166	2.4827	0.0000	2.4827	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4647	4.8356	2.4526	4.3300e-003		0.2505	0.2505		0.2305	0.2305	0.0000	381.1097	381.1097	0.1233	0.0000	384.1912
Total	0.4647	4.8356	2.4526	4.3300e-003	4.5166	0.2505	4.7671	2.4827	0.2305	2.7131	0.0000	381.1097	381.1097	0.1233	0.0000	384.1912

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3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.7800e-003	7.1100e-003	0.0715	1.6000e-004	0.0161	1.3000e-004	0.0162	4.2900e-003	1.2000e-004	4.4100e-003	0.0000	14.8352	14.8352	5.4000e-004	0.0000	14.8488
Total	9.7800e-003	7.1100e-003	0.0715	1.6000e-004	0.0161	1.3000e-004	0.0162	4.2900e-003	1.2000e-004	4.4100e-003	0.0000	14.8352	14.8352	5.4000e-004	0.0000	14.8488

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.5166	0.0000	4.5166	2.4827	0.0000	2.4827	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4647	4.8356	2.4526	4.3300e-003		0.2505	0.2505		0.2305	0.2305	0.0000	381.1093	381.1093	0.1233	0.0000	384.1908
Total	0.4647	4.8356	2.4526	4.3300e-003	4.5166	0.2505	4.7671	2.4827	0.2305	2.7131	0.0000	381.1093	381.1093	0.1233	0.0000	384.1908

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3.3 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.7800e-003	7.1100e-003	0.0715	1.6000e-004	0.0161	1.3000e-004	0.0162	4.2900e-003	1.2000e-004	4.4100e-003	0.0000	14.8352	14.8352	5.4000e-004	0.0000	14.8488
Total	9.7800e-003	7.1100e-003	0.0715	1.6000e-004	0.0161	1.3000e-004	0.0162	4.2900e-003	1.2000e-004	4.4100e-003	0.0000	14.8352	14.8352	5.4000e-004	0.0000	14.8488

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.9031	0.0000	2.9031	0.7790	0.0000	0.7790	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0757	0.8534	0.5433	1.0500e-003		0.0370	0.0370		0.0340	0.0340	0.0000	92.6233	92.6233	0.0300	0.0000	93.3722
Total	0.0757	0.8534	0.5433	1.0500e-003	2.9031	0.0370	2.9401	0.7790	0.0340	0.8130	0.0000	92.6233	92.6233	0.0300	0.0000	93.3722

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3.4 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6200e-003	1.1800e-003	0.0118	3.0000e-005	2.6700e-003	2.0000e-005	2.6900e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.4581	2.4581	9.0000e-005	0.0000	2.4603
Total	1.6200e-003	1.1800e-003	0.0118	3.0000e-005	2.6700e-003	2.0000e-005	2.6900e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.4581	2.4581	9.0000e-005	0.0000	2.4603

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.9031	0.0000	2.9031	0.7790	0.0000	0.7790	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0757	0.8534	0.5433	1.0500e-003		0.0370	0.0370		0.0340	0.0340	0.0000	92.6232	92.6232	0.0300	0.0000	93.3721
Total	0.0757	0.8534	0.5433	1.0500e-003	2.9031	0.0370	2.9401	0.7790	0.0340	0.8130	0.0000	92.6232	92.6232	0.0300	0.0000	93.3721

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3.4 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6200e-003	1.1800e-003	0.0118	3.0000e-005	2.6700e-003	2.0000e-005	2.6900e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.4581	2.4581	9.0000e-005	0.0000	2.4603
Total	1.6200e-003	1.1800e-003	0.0118	3.0000e-005	2.6700e-003	2.0000e-005	2.6900e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.4581	2.4581	9.0000e-005	0.0000	2.4603

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.9031	0.0000	2.9031	0.7790	0.0000	0.7790	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5470	6.0552	4.0296	8.0900e-003		0.2591	0.2591		0.2384	0.2384	0.0000	711.1595	711.1595	0.2300	0.0000	716.9096
Total	0.5470	6.0552	4.0296	8.0900e-003	2.9031	0.2591	3.1622	0.7790	0.2384	1.0173	0.0000	711.1595	711.1595	0.2300	0.0000	716.9096

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3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0115	8.0600e-003	0.0822	2.0000e-004	0.0205	1.6000e-004	0.0206	5.4500e-003	1.5000e-004	5.6000e-003	0.0000	18.2166	18.2166	6.2000e-004	0.0000	18.2320
Total	0.0115	8.0600e-003	0.0822	2.0000e-004	0.0205	1.6000e-004	0.0206	5.4500e-003	1.5000e-004	5.6000e-003	0.0000	18.2166	18.2166	6.2000e-004	0.0000	18.2320

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.9031	0.0000	2.9031	0.7790	0.0000	0.7790	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5470	6.0552	4.0296	8.0900e-003		0.2591	0.2591		0.2384	0.2384	0.0000	711.1587	711.1587	0.2300	0.0000	716.9087
Total	0.5470	6.0552	4.0296	8.0900e-003	2.9031	0.2591	3.1622	0.7790	0.2384	1.0173	0.0000	711.1587	711.1587	0.2300	0.0000	716.9087

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3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0115	8.0600e-003	0.0822	2.0000e-004	0.0205	1.6000e-004	0.0206	5.4500e-003	1.5000e-004	5.6000e-003	0.0000	18.2166	18.2166	6.2000e-004	0.0000	18.2320
Total	0.0115	8.0600e-003	0.0822	2.0000e-004	0.0205	1.6000e-004	0.0206	5.4500e-003	1.5000e-004	5.6000e-003	0.0000	18.2166	18.2166	6.2000e-004	0.0000	18.2320

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.9031	0.0000	2.9031	0.7790	0.0000	0.7790	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0997	1.0682	0.7986	1.7100e-003		0.0450	0.0450		0.0414	0.0414	0.0000	149.9702	149.9702	0.0485	0.0000	151.1827
Total	0.0997	1.0682	0.7986	1.7100e-003	2.9031	0.0450	2.9481	0.7790	0.0414	0.8203	0.0000	149.9702	149.9702	0.0485	0.0000	151.1827

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3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.5100e-003	0.0155	4.0000e-005	4.3200e-003	3.0000e-005	4.3500e-003	1.1500e-003	3.0000e-005	1.1800e-003	0.0000	3.6983	3.6983	1.1000e-004	0.0000	3.7011
Total	2.2500e-003	1.5100e-003	0.0155	4.0000e-005	4.3200e-003	3.0000e-005	4.3500e-003	1.1500e-003	3.0000e-005	1.1800e-003	0.0000	3.6983	3.6983	1.1000e-004	0.0000	3.7011

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.9031	0.0000	2.9031	0.7790	0.0000	0.7790	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0997	1.0682	0.7986	1.7100e-003		0.0450	0.0450		0.0414	0.0414	0.0000	149.9700	149.9700	0.0485	0.0000	151.1826
Total	0.0997	1.0682	0.7986	1.7100e-003	2.9031	0.0450	2.9481	0.7790	0.0414	0.8203	0.0000	149.9700	149.9700	0.0485	0.0000	151.1826

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3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.5100e-003	0.0155	4.0000e-005	4.3200e-003	3.0000e-005	4.3500e-003	1.1500e-003	3.0000e-005	1.1800e-003	0.0000	3.6983	3.6983	1.1000e-004	0.0000	3.7011
Total	2.2500e-003	1.5100e-003	0.0155	4.0000e-005	4.3200e-003	3.0000e-005	4.3500e-003	1.1500e-003	3.0000e-005	1.1800e-003	0.0000	3.6983	3.6983	1.1000e-004	0.0000	3.7011

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1749	1.6006	1.6773	2.7600e-003		0.0829	0.0829		0.0780	0.0780	0.0000	237.5184	237.5184	0.0569	0.0000	238.9409
Total	0.1749	1.6006	1.6773	2.7600e-003		0.0829	0.0829		0.0780	0.0780	0.0000	237.5184	237.5184	0.0569	0.0000	238.9409

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3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6915	24.3260	5.7525	0.0615	3.6785	0.0559	3.7343	0.9693	0.0534	1.0228	0.0000	5,946.1347	5,946.1347	0.3478	0.0000	5,954.8296
Worker	3.5271	2.3634	24.3213	0.0641	18.4262	0.0508	18.4770	4.6628	0.0468	4.7096	0.0000	5,791.5617	5,791.5617	0.1792	0.0000	5,796.0407
Total	4.2186	26.6894	30.0738	0.1256	22.1047	0.1066	22.2113	5.6322	0.1002	5.7324	0.0000	11,737.6964	11,737.6964	0.5270	0.0000	11,750.8703

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1749	1.6006	1.6773	2.7600e-003		0.0829	0.0829		0.0780	0.0780	0.0000	237.5181	237.5181	0.0569	0.0000	238.9407
Total	0.1749	1.6006	1.6773	2.7600e-003		0.0829	0.0829		0.0780	0.0780	0.0000	237.5181	237.5181	0.0569	0.0000	238.9407

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3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6915	24.3260	5.7525	0.0615	3.6785	0.0559	3.7343	0.9693	0.0534	1.0228	0.0000	5,946.1347	5,946.1347	0.3478	0.0000	5,954.8296
Worker	3.5271	2.3634	24.3213	0.0641	18.4262	0.0508	18.4770	4.6628	0.0468	4.7096	0.0000	5,791.5617	5,791.5617	0.1792	0.0000	5,796.0407
Total	4.2186	26.6894	30.0738	0.1256	22.1047	0.1066	22.2113	5.6322	0.1002	5.7324	0.0000	11,737.6964	11,737.6964	0.5270	0.0000	11,750.8703

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
Total	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383

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3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6612	24.6477	6.4633	0.0762	4.6652	0.0307	4.6959	1.2293	0.0294	1.2587	0.0000	7,370.2026	7,370.2026	0.3892	0.0000	7,379.9314
Worker	4.1511	2.6691	27.7494	0.0782	23.3699	0.0622	23.4320	5.9138	0.0573	5.9711	0.0000	7,062.7122	7,062.7122	0.2005	0.0000	7,067.7242
Total	4.8123	27.3169	34.2127	0.1543	28.0351	0.0929	28.1279	7.1432	0.0867	7.2298	0.0000	14,432.9149	14,432.9149	0.5896	0.0000	14,447.6556

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
Total	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380

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3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6612	24.6477	6.4633	0.0762	4.6652	0.0307	4.6959	1.2293	0.0294	1.2587	0.0000	7,370.2026	7,370.2026	0.3892	0.0000	7,379.9314
Worker	4.1511	2.6691	27.7494	0.0782	23.3699	0.0622	23.4320	5.9138	0.0573	5.9711	0.0000	7,062.7122	7,062.7122	0.2005	0.0000	7,067.7242
Total	4.8123	27.3169	34.2127	0.1543	28.0351	0.0929	28.1279	7.1432	0.0867	7.2298	0.0000	14,432.9149	14,432.9149	0.5896	0.0000	14,447.6556

3.5 Building Construction - 2024

Unmitigated Construction On-Site

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

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3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6377	24.5075	6.1571	0.0762	4.7009	0.0298	4.7308	1.2387	0.0285	1.2673	0.0000	7,380.4228	7,380.4228	0.3878	0.0000	7,390.1173
Worker	3.8832	2.4006	25.3950	0.0756	23.5496	0.0604	23.6101	5.9593	0.0557	6.0150	0.0000	6,832.1543	6,832.1543	0.1778	0.0000	6,836.5987
Total	4.5210	26.9081	31.5520	0.1518	28.2506	0.0903	28.3408	7.1981	0.0842	7.2823	0.0000	14,212.5771	14,212.5771	0.5656	0.0000	14,226.7160

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175

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3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6377	24.5075	6.1571	0.0762	4.7009	0.0298	4.7308	1.2387	0.0285	1.2673	0.0000	7,380.4228	7,380.4228	0.3878	0.0000	7,390.1173
Worker	3.8832	2.4006	25.3950	0.0756	23.5496	0.0604	23.6101	5.9593	0.0557	6.0150	0.0000	6,832.1543	6,832.1543	0.1778	0.0000	6,836.5987
Total	4.5210	26.9081	31.5520	0.1518	28.2506	0.0903	28.3408	7.1981	0.0842	7.2823	0.0000	14,212.5771	14,212.5771	0.5656	0.0000	14,226.7160

3.5 Building Construction - 2025

Unmitigated Construction On-Site

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

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3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6122	24.0847	5.8698	0.0754	4.6829	0.0286	4.7115	1.2340	0.0274	1.2613	0.0000	7,307.1398	7,307.1398	0.3820	0.0000	7,316.6904
Worker	3.6011	2.1520	23.1396	0.0722	23.4597	0.0587	23.5184	5.9366	0.0540	5.9906	0.0000	6,525.8087	6,525.8087	0.1580	0.0000	6,529.7584
Total	4.2133	26.2367	29.0094	0.1476	28.1426	0.0873	28.2299	7.1705	0.0814	7.2519	0.0000	13,832.9484	13,832.9484	0.5400	0.0000	13,846.4488

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6122	24.0847	5.8698	0.0754	4.6829	0.0286	4.7115	1.2340	0.0274	1.2613	0.0000	7,307.1398	7,307.1398	0.3820	0.0000	7,316.6904
Worker	3.6011	2.1520	23.1396	0.0722	23.4597	0.0587	23.5184	5.9366	0.0540	5.9906	0.0000	6,525.8087	6,525.8087	0.1580	0.0000	6,529.7584
Total	4.2133	26.2367	29.0094	0.1476	28.1426	0.0873	28.2299	7.1705	0.0814	7.2519	0.0000	13,832.9484	13,832.9484	0.5400	0.0000	13,846.4488

3.5 Building Construction - 2026

Unmitigated Construction On-Site

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

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3.5 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5927	23.7624	5.6727	0.0749	4.6827	0.0274	4.7101	1.2339	0.0262	1.2601	0.0000	7,265.2848	7,265.2848	0.3771	0.0000	7,274.7114
Worker	3.3698	1.9495	21.2961	0.0694	23.4597	0.0566	23.5163	5.9366	0.0521	5.9887	0.0000	6,275.3937	6,275.3937	0.1416	0.0000	6,278.9342
Total	3.9625	25.7120	26.9687	0.1443	28.1424	0.0840	28.2265	7.1705	0.0783	7.2488	0.0000	13,540.6785	13,540.6785	0.5187	0.0000	13,553.6456

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5927	23.7624	5.6727	0.0749	4.6827	0.0274	4.7101	1.2339	0.0262	1.2601	0.0000	7,265.2848	7,265.2848	0.3771	0.0000	7,274.7114
Worker	3.3698	1.9495	21.2961	0.0694	23.4597	0.0566	23.5163	5.9366	0.0521	5.9887	0.0000	6,275.3937	6,275.3937	0.1416	0.0000	6,278.9342
Total	3.9625	25.7120	26.9687	0.1443	28.1424	0.0840	28.2265	7.1705	0.0783	7.2488	0.0000	13,540.6785	13,540.6785	0.5187	0.0000	13,553.6456

3.5 Building Construction - 2027

Unmitigated Construction On-Site

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

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3.5 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5754	23.4535	5.5044	0.0745	4.6826	0.0265	4.7091	1.2339	0.0253	1.2592	0.0000	7,225.4366	7,225.4366	0.3724	0.0000	7,234.7467
Worker	3.1449	1.7659	19.6351	0.0669	23.4597	0.0533	23.5130	5.9366	0.0490	5.9856	0.0000	6,054.2076	6,054.2076	0.1270	0.0000	6,057.3834
Total	3.7203	25.2193	25.1395	0.1414	28.1423	0.0797	28.2221	7.1704	0.0744	7.2448	0.0000	13,279.6441	13,279.6441	0.4994	0.0000	13,292.1301

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5754	23.4535	5.5044	0.0745	4.6826	0.0265	4.7091	1.2339	0.0253	1.2592	0.0000	7,225.4366	7,225.4366	0.3724	0.0000	7,234.7467
Worker	3.1449	1.7659	19.6351	0.0669	23.4597	0.0533	23.5130	5.9366	0.0490	5.9856	0.0000	6,054.2076	6,054.2076	0.1270	0.0000	6,057.3834
Total	3.7203	25.2193	25.1395	0.1414	28.1423	0.0797	28.2221	7.1704	0.0744	7.2448	0.0000	13,279.6441	13,279.6441	0.4994	0.0000	13,292.1301

3.5 Building Construction - 2028

Unmitigated Construction On-Site

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

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3.5 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5587	23.1117	5.3425	0.0738	4.6645	0.0256	4.6901	1.2291	0.0245	1.2536	0.0000	7,164.9618	7,164.9618	0.3667	0.0000	7,174.1299
Worker	2.9092	1.5945	18.1344	0.0645	23.3699	0.0492	23.4191	5.9138	0.0453	5.9591	0.0000	5,836.0170	5,836.0170	0.1143	0.0000	5,838.8755
Total	3.4679	24.7062	23.4769	0.1383	28.0344	0.0748	28.1092	7.1429	0.0698	7.2127	0.0000	13,000.9788	13,000.9788	0.4811	0.0000	13,013.0054

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667

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3.5 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5587	23.1117	5.3425	0.0738	4.6645	0.0256	4.6901	1.2291	0.0245	1.2536	0.0000	7,164.9618	7,164.9618	0.3667	0.0000	7,174.1299
Worker	2.9092	1.5945	18.1344	0.0645	23.3699	0.0492	23.4191	5.9138	0.0453	5.9591	0.0000	5,836.0170	5,836.0170	0.1143	0.0000	5,838.8755
Total	3.4679	24.7062	23.4769	0.1383	28.0344	0.0748	28.1092	7.1429	0.0698	7.2127	0.0000	13,000.9788	13,000.9788	0.4811	0.0000	13,013.0054

3.5 Building Construction - 2029

Unmitigated Construction On-Site

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

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3.5 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5475	22.9447	5.2372	0.0738	4.6824	0.0249	4.7073	1.2338	0.0238	1.2576	0.0000	7,160.5062	7,160.5062	0.3644	0.0000	7,169.6152
Worker	2.6831	1.4481	16.8489	0.0628	23.4597	0.0458	23.5055	5.9366	0.0421	5.9787	0.0000	5,685.2705	5,685.2705	0.1032	0.0000	5,687.8507
Total	3.2306	24.3929	22.0861	0.1366	28.1421	0.0707	28.2128	7.1704	0.0659	7.2363	0.0000	12,845.7767	12,845.7767	0.4676	0.0000	12,857.4658

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5475	22.9447	5.2372	0.0738	4.6824	0.0249	4.7073	1.2338	0.0238	1.2576	0.0000	7,160.5062	7,160.5062	0.3644	0.0000	7,169.6152
Worker	2.6831	1.4481	16.8489	0.0628	23.4597	0.0458	23.5055	5.9366	0.0421	5.9787	0.0000	5,685.2705	5,685.2705	0.1032	0.0000	5,687.8507
Total	3.2306	24.3929	22.0861	0.1366	28.1421	0.0707	28.2128	7.1704	0.0659	7.2363	0.0000	12,845.7767	12,845.7767	0.4676	0.0000	12,857.4658

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

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3.5 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5371	22.7161	5.1533	0.0734	4.6823	0.0241	4.7064	1.2338	0.0230	1.2568	0.0000	7,133.2862	7,133.2862	0.3604	0.0000	7,142.2962
Worker	2.4527	1.3092	15.6464	0.0611	23.4597	0.0425	23.5023	5.9366	0.0391	5.9757	0.0000	5,532.6773	5,532.6773	0.0930	0.0000	5,535.0024
Total	2.9897	24.0253	20.7997	0.1346	28.1421	0.0666	28.2087	7.1704	0.0621	7.2325	0.0000	12,665.9634	12,665.9634	0.4534	0.0000	12,677.2986

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

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3.5 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5371	22.7161	5.1533	0.0734	4.6823	0.0241	4.7064	1.2338	0.0230	1.2568	0.0000	7,133.2862	7,133.2862	0.3604	0.0000	7,142.2962
Worker	2.4527	1.3092	15.6464	0.0611	23.4597	0.0425	23.5023	5.9366	0.0391	5.9757	0.0000	5,532.6773	5,532.6773	0.0930	0.0000	5,535.0024
Total	2.9897	24.0253	20.7997	0.1346	28.1421	0.0666	28.2087	7.1704	0.0621	7.2325	0.0000	12,665.9634	12,665.9634	0.4534	0.0000	12,677.2986

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

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3.5 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5283	22.5144	5.0848	0.0732	4.6823	0.0234	4.7057	1.2337	0.0224	1.2561	0.0000	7,110.9009	7,110.9009	0.3569	0.0000	7,119.8236
Worker	2.1919	1.1714	14.4529	0.0596	23.4597	0.0395	23.4992	5.9366	0.0363	5.9729	0.0000	5,398.4154	5,398.4154	0.0830	0.0000	5,400.4910
Total	2.7202	23.6858	19.5376	0.1328	28.1420	0.0629	28.2049	7.1703	0.0587	7.2290	0.0000	12,509.3163	12,509.3163	0.4399	0.0000	12,520.3145

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

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3.5 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5283	22.5144	5.0848	0.0732	4.6823	0.0234	4.7057	1.2337	0.0224	1.2561	0.0000	7,110.9009	7,110.9009	0.3569	0.0000	7,119.8236
Worker	2.1919	1.1714	14.4529	0.0596	23.4597	0.0395	23.4992	5.9366	0.0363	5.9729	0.0000	5,398.4154	5,398.4154	0.0830	0.0000	5,400.4910
Total	2.7202	23.6858	19.5376	0.1328	28.1420	0.0629	28.2049	7.1703	0.0587	7.2290	0.0000	12,509.3163	12,509.3163	0.4399	0.0000	12,520.3145

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933

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3.5 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5230	22.4220	5.0488	0.0733	4.7001	0.0230	4.7232	1.2384	0.0220	1.2604	0.0000	7,120.5944	7,120.5944	0.3558	0.0000	7,129.4892
Worker	1.9901	1.0653	13.5235	0.0586	23.5496	0.0368	23.5865	5.9593	0.0339	5.9932	0.0000	5,302.3411	5,302.3411	0.0752	0.0000	5,304.2215
Total	2.5131	23.4873	18.5722	0.1318	28.2498	0.0598	28.3096	7.1978	0.0559	7.2537	0.0000	12,422.9354	12,422.9354	0.4310	0.0000	12,433.7106

Mitigated Construction On-Site

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

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3.5 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5230	22.4220	5.0488	0.0733	4.7001	0.0230	4.7232	1.2384	0.0220	1.2604	0.0000	7,120.5944	7,120.5944	0.3558	0.0000	7,129.4892
Worker	1.9901	1.0653	13.5235	0.0586	23.5496	0.0368	23.5865	5.9593	0.0339	5.9932	0.0000	5,302.3411	5,302.3411	0.0752	0.0000	5,304.2215
Total	2.5131	23.4873	18.5722	0.1318	28.2498	0.0598	28.3096	7.1978	0.0559	7.2537	0.0000	12,422.9354	12,422.9354	0.4310	0.0000	12,433.7106

3.5 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

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3.5 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5131	22.0748	4.9693	0.0725	4.6642	0.0223	4.6866	1.2290	0.0214	1.2503	0.0000	7,050.9453	7,050.9453	0.3504	0.0000	7,059.7053
Worker	1.8019	0.9664	12.5939	0.0570	23.3699	0.0341	23.4039	5.9138	0.0314	5.9452	0.0000	5,161.9005	5,161.9005	0.0679	0.0000	5,163.5974
Total	2.3150	23.0411	17.5631	0.1295	28.0341	0.0564	28.0905	7.1428	0.0527	7.1955	0.0000	12,212.8458	12,212.8458	0.4183	0.0000	12,223.3027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

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3.5 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5131	22.0748	4.9693	0.0725	4.6642	0.0223	4.6866	1.2290	0.0214	1.2503	0.0000	7,050.9453	7,050.9453	0.3504	0.0000	7,059.7053
Worker	1.8019	0.9664	12.5939	0.0570	23.3699	0.0341	23.4039	5.9138	0.0314	5.9452	0.0000	5,161.9005	5,161.9005	0.0679	0.0000	5,163.5974
Total	2.3150	23.0411	17.5631	0.1295	28.0341	0.0564	28.0905	7.1428	0.0527	7.1955	0.0000	12,212.8458	12,212.8458	0.4183	0.0000	12,223.3027

3.5 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

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3.5 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5081	21.9183	4.9362	0.0724	4.6642	0.0219	4.6861	1.2290	0.0210	1.2499	0.0000	7,037.7516	7,037.7516	0.3478	0.0000	7,046.4477
Worker	1.6567	0.8918	11.8216	0.0560	23.3699	0.0318	23.4016	5.9138	0.0292	5.9431	0.0000	5,075.6984	5,075.6984	0.0617	0.0000	5,077.2403
Total	2.1648	22.8101	16.7578	0.1284	28.0340	0.0537	28.0877	7.1428	0.0502	7.1930	0.0000	12,113.4500	12,113.4500	0.4095	0.0000	12,123.6880

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

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3.5 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5081	21.9183	4.9362	0.0724	4.6642	0.0219	4.6861	1.2290	0.0210	1.2499	0.0000	7,037.7516	7,037.7516	0.3478	0.0000	7,046.4477
Worker	1.6567	0.8918	11.8216	0.0560	23.3699	0.0318	23.4016	5.9138	0.0292	5.9431	0.0000	5,075.6984	5,075.6984	0.0617	0.0000	5,077.2403
Total	2.1648	22.8101	16.7578	0.1284	28.0340	0.0537	28.0877	7.1428	0.0502	7.1930	0.0000	12,113.4500	12,113.4500	0.4095	0.0000	12,123.6880

3.5 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

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3.5 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5054	21.8585	4.9227	0.0725	4.6821	0.0216	4.7037	1.2337	0.0207	1.2543	0.0000	7,053.6423	7,053.6423	0.3467	0.0000	7,062.3089
Worker	1.5429	0.8403	11.2319	0.0554	23.4597	0.0298	23.4896	5.9366	0.0274	5.9640	0.0000	5,021.9696	5,021.9696	0.0569	0.0000	5,023.3929
Total	2.0483	22.6988	16.1546	0.1280	28.1418	0.0515	28.1933	7.1703	0.0481	7.2184	0.0000	12,075.6119	12,075.6119	0.4036	0.0000	12,085.7018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

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3.5 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5054	21.8585	4.9227	0.0725	4.6821	0.0216	4.7037	1.2337	0.0207	1.2543	0.0000	7,053.6423	7,053.6423	0.3467	0.0000	7,062.3089
Worker	1.5429	0.8403	11.2319	0.0554	23.4597	0.0298	23.4896	5.9366	0.0274	5.9640	0.0000	5,021.9696	5,021.9696	0.0569	0.0000	5,023.3929
Total	2.0483	22.6988	16.1546	0.1280	28.1418	0.0515	28.1933	7.1703	0.0481	7.2184	0.0000	12,075.6119	12,075.6119	0.4036	0.0000	12,085.7018

3.5 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686

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3.5 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5073	21.9422	4.9416	0.0728	4.7000	0.0217	4.7217	1.2384	0.0208	1.2592	0.0000	7,080.6678	7,080.6678	0.3480	0.0000	7,089.3676
Worker	1.5488	0.8435	11.2749	0.0556	23.5496	0.0299	23.5796	5.9593	0.0275	5.9869	0.0000	5,041.2108	5,041.2108	0.0572	0.0000	5,042.6396
Total	2.0561	22.7857	16.2165	0.1285	28.2496	0.0517	28.3013	7.1977	0.0483	7.2460	0.0000	12,121.8786	12,121.8786	0.4051	0.0000	12,132.0072

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682

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3.5 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5073	21.9422	4.9416	0.0728	4.7000	0.0217	4.7217	1.2384	0.0208	1.2592	0.0000	7,080.6678	7,080.6678	0.3480	0.0000	7,089.3676
Worker	1.5488	0.8435	11.2749	0.0556	23.5496	0.0299	23.5796	5.9593	0.0275	5.9869	0.0000	5,041.2108	5,041.2108	0.0572	0.0000	5,042.6396
Total	2.0561	22.7857	16.2165	0.1285	28.2496	0.0517	28.3013	7.1977	0.0483	7.2460	0.0000	12,121.8786	12,121.8786	0.4051	0.0000	12,132.0072

3.5 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0864	0.5085	1.1444	2.2000e-003		6.4200e-003	6.4200e-003		6.4200e-003	6.4200e-003	0.0000	186.6313	186.6313	6.9500e-003	0.0000	186.8051
Total	0.0864	0.5085	1.1444	2.2000e-003		6.4200e-003	6.4200e-003		6.4200e-003	6.4200e-003	0.0000	186.6313	186.6313	6.9500e-003	0.0000	186.8051

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3.5 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2750	11.8924	2.6783	0.0395	2.5473	0.0118	2.5591	0.6712	0.0113	0.6824	0.0000	3,837.6138	3,837.6138	0.1886	0.0000	3,842.3290
Worker	0.8394	0.4572	6.1108	0.0302	12.7635	0.0162	12.7798	3.2299	0.0149	3.2448	0.0000	2,732.2593	2,732.2593	0.0310	0.0000	2,733.0337
Total	1.1144	12.3495	8.7891	0.0696	15.3109	0.0280	15.3389	3.9011	0.0262	3.9272	0.0000	6,569.8731	6,569.8731	0.2196	0.0000	6,575.3627

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0864	0.5085	1.1444	2.2000e-003		6.4200e-003	6.4200e-003		6.4200e-003	6.4200e-003	0.0000	186.6311	186.6311	6.9500e-003	0.0000	186.8049
Total	0.0864	0.5085	1.1444	2.2000e-003		6.4200e-003	6.4200e-003		6.4200e-003	6.4200e-003	0.0000	186.6311	186.6311	6.9500e-003	0.0000	186.8049

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3.5 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2750	11.8924	2.6783	0.0395	2.5473	0.0118	2.5591	0.6712	0.0113	0.6824	0.0000	3,837.6138	3,837.6138	0.1886	0.0000	3,842.3290
Worker	0.8394	0.4572	6.1108	0.0302	12.7635	0.0162	12.7798	3.2299	0.0149	3.2448	0.0000	2,732.2593	2,732.2593	0.0310	0.0000	2,733.0337
Total	1.1144	12.3495	8.7891	0.0696	15.3109	0.0280	15.3389	3.9011	0.0262	3.9272	0.0000	6,569.8731	6,569.8731	0.2196	0.0000	6,575.3627

3.6 Paving - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0679	0.2901	0.9413	1.6700e-003		0.0112	0.0112		0.0112	0.0112	0.0000	143.3921	143.3921	5.5200e-003	0.0000	143.5301
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0679	0.2901	0.9413	1.6700e-003		0.0112	0.0112		0.0112	0.0112	0.0000	143.3921	143.3921	5.5200e-003	0.0000	143.5301

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3.6 Paving - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2600e-003	6.8000e-004	9.1400e-003	5.0000e-005	7.0000e-003	2.0000e-005	7.0300e-003	1.8600e-003	2.0000e-005	1.8900e-003	0.0000	4.0873	4.0873	5.0000e-005	0.0000	4.0885
Total	1.2600e-003	6.8000e-004	9.1400e-003	5.0000e-005	7.0000e-003	2.0000e-005	7.0300e-003	1.8600e-003	2.0000e-005	1.8900e-003	0.0000	4.0873	4.0873	5.0000e-005	0.0000	4.0885

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0679	0.2901	0.9413	1.6700e-003		0.0112	0.0112		0.0112	0.0112	0.0000	143.3919	143.3919	5.5200e-003	0.0000	143.5299
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0679	0.2901	0.9413	1.6700e-003		0.0112	0.0112		0.0112	0.0112	0.0000	143.3919	143.3919	5.5200e-003	0.0000	143.5299

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3.6 Paving - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2600e-003	6.8000e-004	9.1400e-003	5.0000e-005	7.0000e-003	2.0000e-005	7.0300e-003	1.8600e-003	2.0000e-005	1.8900e-003	0.0000	4.0873	4.0873	5.0000e-005	0.0000	4.0885
Total	1.2600e-003	6.8000e-004	9.1400e-003	5.0000e-005	7.0000e-003	2.0000e-005	7.0300e-003	1.8600e-003	2.0000e-005	1.8900e-003	0.0000	4.0873	4.0873	5.0000e-005	0.0000	4.0885

3.6 Paving - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1488	0.6363	2.0646	3.6600e-003		0.0245	0.0245		0.0245	0.0245	0.0000	314.4987	314.4987	0.0121	0.0000	314.8013
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1488	0.6363	2.0646	3.6600e-003		0.0245	0.0245		0.0245	0.0245	0.0000	314.4987	314.4987	0.0121	0.0000	314.8013

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3.6 Paving - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7500e-003	1.5000e-003	0.0201	1.0000e-004	0.0154	5.0000e-005	0.0154	4.0900e-003	5.0000e-005	4.1400e-003	0.0000	8.9646	8.9646	1.0000e-004	0.0000	8.9671
Total	2.7500e-003	1.5000e-003	0.0201	1.0000e-004	0.0154	5.0000e-005	0.0154	4.0900e-003	5.0000e-005	4.1400e-003	0.0000	8.9646	8.9646	1.0000e-004	0.0000	8.9671

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1488	0.6363	2.0645	3.6600e-003		0.0245	0.0245		0.0245	0.0245	0.0000	314.4983	314.4983	0.0121	0.0000	314.8009
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1488	0.6363	2.0645	3.6600e-003		0.0245	0.0245		0.0245	0.0245	0.0000	314.4983	314.4983	0.0121	0.0000	314.8009

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3.6 Paving - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7500e-003	1.5000e-003	0.0201	1.0000e-004	0.0154	5.0000e-005	0.0154	4.0900e-003	5.0000e-005	4.1400e-003	0.0000	8.9646	8.9646	1.0000e-004	0.0000	8.9671
Total	2.7500e-003	1.5000e-003	0.0201	1.0000e-004	0.0154	5.0000e-005	0.0154	4.0900e-003	5.0000e-005	4.1400e-003	0.0000	8.9646	8.9646	1.0000e-004	0.0000	8.9671

3.6 Paving - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0684	0.2926	0.9492	1.6800e-003		0.0112	0.0112		0.0112	0.0112	0.0000	144.5971	144.5971	5.5600e-003	0.0000	144.7362
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0684	0.2926	0.9492	1.6800e-003		0.0112	0.0112		0.0112	0.0112	0.0000	144.5971	144.5971	5.5600e-003	0.0000	144.7362

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3.6 Paving - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2700e-003	6.9000e-004	9.2200e-003	5.0000e-005	7.0600e-003	2.0000e-005	7.0900e-003	1.8800e-003	2.0000e-005	1.9000e-003	0.0000	4.1217	4.1217	5.0000e-005	0.0000	4.1228
Total	1.2700e-003	6.9000e-004	9.2200e-003	5.0000e-005	7.0600e-003	2.0000e-005	7.0900e-003	1.8800e-003	2.0000e-005	1.9000e-003	0.0000	4.1217	4.1217	5.0000e-005	0.0000	4.1228

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0684	0.2926	0.9492	1.6800e-003		0.0112	0.0112		0.0112	0.0112	0.0000	144.5969	144.5969	5.5600e-003	0.0000	144.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0684	0.2926	0.9492	1.6800e-003		0.0112	0.0112		0.0112	0.0112	0.0000	144.5969	144.5969	5.5600e-003	0.0000	144.7360

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3.6 Paving - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2700e-003	6.9000e-004	9.2200e-003	5.0000e-005	7.0600e-003	2.0000e-005	7.0900e-003	1.8800e-003	2.0000e-005	1.9000e-003	0.0000	4.1217	4.1217	5.0000e-005	0.0000	4.1228
Total	1.2700e-003	6.9000e-004	9.2200e-003	5.0000e-005	7.0600e-003	2.0000e-005	7.0900e-003	1.8800e-003	2.0000e-005	1.9000e-003	0.0000	4.1217	4.1217	5.0000e-005	0.0000	4.1228

3.7 Architectural Coating - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	14.8737					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4815
Total	14.8908	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4815

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3.7 Architectural Coating - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2653	0.1420	1.8025	7.8000e-003	2.1451	4.9100e-003	2.1501	0.5504	4.5200e-003	0.5549	0.0000	706.7264	706.7264	0.0100	0.0000	706.9770
Total	0.2653	0.1420	1.8025	7.8000e-003	2.1451	4.9100e-003	2.1501	0.5504	4.5200e-003	0.5549	0.0000	706.7264	706.7264	0.0100	0.0000	706.9770

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.8737					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4814
Total	14.8908	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4814

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3.7 Architectural Coating - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2653	0.1420	1.8025	7.8000e-003	2.1451	4.9100e-003	2.1501	0.5504	4.5200e-003	0.5549	0.0000	706.7264	706.7264	0.0100	0.0000	706.9770
Total	0.2653	0.1420	1.8025	7.8000e-003	2.1451	4.9100e-003	2.1501	0.5504	4.5200e-003	0.5549	0.0000	706.7264	706.7264	0.0100	0.0000	706.9770

3.7 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	14.7601					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259
Total	14.7771	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259

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3.7 Architectural Coating - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2402	0.1288	1.6786	7.6000e-003	2.1288	4.5400e-003	2.1333	0.5462	4.1800e-003	0.5504	0.0000	688.0077	688.0077	9.0500e-003	0.0000	688.2339
Total	0.2402	0.1288	1.6786	7.6000e-003	2.1288	4.5400e-003	2.1333	0.5462	4.1800e-003	0.5504	0.0000	688.0077	688.0077	9.0500e-003	0.0000	688.2339

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.7601					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258
Total	14.7771	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258

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3.7 Architectural Coating - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2402	0.1288	1.6786	7.6000e-003	2.1288	4.5400e-003	2.1333	0.5462	4.1800e-003	0.5504	0.0000	688.0077	688.0077	9.0500e-003	0.0000	688.2339
Total	0.2402	0.1288	1.6786	7.6000e-003	2.1288	4.5400e-003	2.1333	0.5462	4.1800e-003	0.5504	0.0000	688.0077	688.0077	9.0500e-003	0.0000	688.2339

3.7 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	14.7601					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259
Total	14.7771	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259

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3.7 Architectural Coating - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2208	0.1189	1.5757	7.4700e-003	2.1288	4.2300e-003	2.1330	0.5462	3.8900e-003	0.5501	0.0000	676.5182	676.5182	8.2200e-003	0.0000	676.7237
Total	0.2208	0.1189	1.5757	7.4700e-003	2.1288	4.2300e-003	2.1330	0.5462	3.8900e-003	0.5501	0.0000	676.5182	676.5182	8.2200e-003	0.0000	676.7237

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.7601					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258
Total	14.7771	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258

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3.7 Architectural Coating - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2208	0.1189	1.5757	7.4700e-003	2.1288	4.2300e-003	2.1330	0.5462	3.8900e-003	0.5501	0.0000	676.5182	676.5182	8.2200e-003	0.0000	676.7237
Total	0.2208	0.1189	1.5757	7.4700e-003	2.1288	4.2300e-003	2.1330	0.5462	3.8900e-003	0.5501	0.0000	676.5182	676.5182	8.2200e-003	0.0000	676.7237

3.7 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	14.8169					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	14.8323	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507

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3.7 Architectural Coating - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2057	0.1120	1.4971	7.3900e-003	2.1370	3.9800e-003	2.1409	0.5483	3.6600e-003	0.5520	0.0000	669.3569	669.3569	7.5900e-003	0.0000	669.5466
Total	0.2057	0.1120	1.4971	7.3900e-003	2.1370	3.9800e-003	2.1409	0.5483	3.6600e-003	0.5520	0.0000	669.3569	669.3569	7.5900e-003	0.0000	669.5466

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.8169					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	14.8323	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507

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3.7 Architectural Coating - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2057	0.1120	1.4971	7.3900e-003	2.1370	3.9800e-003	2.1409	0.5483	3.6600e-003	0.5520	0.0000	669.3569	669.3569	7.5900e-003	0.0000	669.5466
Total	0.2057	0.1120	1.4971	7.3900e-003	2.1370	3.9800e-003	2.1409	0.5483	3.6600e-003	0.5520	0.0000	669.3569	669.3569	7.5900e-003	0.0000	669.5466

3.7 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	14.8737					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785
Total	14.8891	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785

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3.7 Architectural Coating - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2064	0.1124	1.5028	7.4200e-003	2.1451	3.9900e-003	2.1491	0.5504	3.6700e-003	0.5541	0.0000	671.9215	671.9215	7.6200e-003	0.0000	672.1119
Total	0.2064	0.1124	1.5028	7.4200e-003	2.1451	3.9900e-003	2.1491	0.5504	3.6700e-003	0.5541	0.0000	671.9215	671.9215	7.6200e-003	0.0000	672.1119

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.8737					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785
Total	14.8891	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785

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3.7 Architectural Coating - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2064	0.1124	1.5028	7.4200e-003	2.1451	3.9900e-003	2.1491	0.5504	3.6700e-003	0.5541	0.0000	671.9215	671.9215	7.6200e-003	0.0000	672.1119
Total	0.2064	0.1124	1.5028	7.4200e-003	2.1451	3.9900e-003	2.1491	0.5504	3.6700e-003	0.5541	0.0000	671.9215	671.9215	7.6200e-003	0.0000	672.1119

3.7 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	14.8169					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	14.8323	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507

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3.7 Architectural Coating - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2057	0.1120	1.4971	7.3900e-003	2.1370	3.9800e-003	2.1409	0.5483	3.6600e-003	0.5520	0.0000	669.3569	669.3569	7.5900e-003	0.0000	669.5466
Total	0.2057	0.1120	1.4971	7.3900e-003	2.1370	3.9800e-003	2.1409	0.5483	3.6600e-003	0.5520	0.0000	669.3569	669.3569	7.5900e-003	0.0000	669.5466

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.8169					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	14.8323	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507

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3.7 Architectural Coating - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2057	0.1120	1.4971	7.3900e-003	2.1370	3.9800e-003	2.1409	0.5483	3.6600e-003	0.5520	0.0000	669.3569	669.3569	7.5900e-003	0.0000	669.5466
Total	0.2057	0.1120	1.4971	7.3900e-003	2.1370	3.9800e-003	2.1409	0.5483	3.6600e-003	0.5520	0.0000	669.3569	669.3569	7.5900e-003	0.0000	669.5466

3.7 Architectural Coating - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	14.8169					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	14.8323	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507

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3.7 Architectural Coating - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2057	0.1120	1.4971	7.3900e-003	2.1370	3.9800e-003	2.1409	0.5483	3.6600e-003	0.5520	0.0000	669.3569	669.3569	7.5900e-003	0.0000	669.5466
Total	0.2057	0.1120	1.4971	7.3900e-003	2.1370	3.9800e-003	2.1409	0.5483	3.6600e-003	0.5520	0.0000	669.3569	669.3569	7.5900e-003	0.0000	669.5466

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.8169					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	14.8323	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507

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3.7 Architectural Coating - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2057	0.1120	1.4971	7.3900e-003	2.1370	3.9800e-003	2.1409	0.5483	3.6600e-003	0.5520	0.0000	669.3569	669.3569	7.5900e-003	0.0000	669.5466
Total	0.2057	0.1120	1.4971	7.3900e-003	2.1370	3.9800e-003	2.1409	0.5483	3.6600e-003	0.5520	0.0000	669.3569	669.3569	7.5900e-003	0.0000	669.5466

3.7 Architectural Coating - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.8212					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.0655	0.1552	2.6000e-004		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	22.0856	22.0856	8.2000e-004	0.0000	22.1061
Total	9.8314	0.0655	0.1552	2.6000e-004		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	22.0856	22.0856	8.2000e-004	0.0000	22.1061

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3.7 Architectural Coating - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1363	0.0742	0.9923	4.9000e-003	1.4165	2.6400e-003	1.4191	0.3634	2.4200e-003	0.3659	0.0000	443.6733	443.6733	5.0300e-003	0.0000	443.7991
Total	0.1363	0.0742	0.9923	4.9000e-003	1.4165	2.6400e-003	1.4191	0.3634	2.4200e-003	0.3659	0.0000	443.6733	443.6733	5.0300e-003	0.0000	443.7991

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.8212					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.0655	0.1552	2.6000e-004		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	22.0856	22.0856	8.2000e-004	0.0000	22.1060
Total	9.8314	0.0655	0.1552	2.6000e-004		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	22.0856	22.0856	8.2000e-004	0.0000	22.1060

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3.7 Architectural Coating - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1363	0.0742	0.9923	4.9000e-003	1.4165	2.6400e-003	1.4191	0.3634	2.4200e-003	0.3659	0.0000	443.6733	443.6733	5.0300e-003	0.0000	443.7991
Total	0.1363	0.0742	0.9923	4.9000e-003	1.4165	2.6400e-003	1.4191	0.3634	2.4200e-003	0.3659	0.0000	443.6733	443.6733	5.0300e-003	0.0000	443.7991

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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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
Category	tons/yr										MT/yr					
Mitigated	7.5746	65.1440	90.9871	0.5275	58.4897	0.2281	58.7178	15.7228	0.2127	15.9355	0.0000	49,061.1954	49,061.1954	1.5349	0.0000	49,099.5669
Unmitigated	7.5746	65.1440	90.9871	0.5275	58.4897	0.2281	58.7178	15.7228	0.2127	15.9355	0.0000	49,061.1954	49,061.1954	1.5349	0.0000	49,099.5669

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,906.00	10,906.00	10906.00	31,286,151	31,286,151
Elementary School	250.50	0.00	0.00	394,527	394,527
General Heavy Industry	112.94	112.94	112.94	329,715	329,715
General Light Industry	1,882.07	356.43	183.62	4,150,052	4,150,052
General Office Building	3,227.08	719.73	307.20	5,859,105	5,859,105
Government Office Building	88.78	88.78	88.78	152,240	152,240
High School	249.00	101.26	41.50	519,054	519,054
Hotel	3,068.48	3,068.48	3068.48	5,829,900	5,829,900
Junior High School	250.50	0.00	0.00	402,266	402,266
Regional Shopping Center	17,389.36	20,350.03	10278.86	29,449,436	29,449,436
Retirement Community	100.00	100.00	100.00	286,871	286,871
Single Family Housing	21,248.64	21,248.64	21248.64	60,956,185	60,956,185
Strip Mall	10,343.48	10,343.48	10343.48	15,929,295	15,929,295
Unrefrigerated Warehouse-No Rail	434.54	434.54	434.54	1,268,641	1,268,641
Junior College (2Yr)	542.43	185.22	17.64	1,057,539	1,057,539
Total	70,093.79	68,015.52	57,131.67	157,870,975	157,870,975

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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	10.80	7.30	7.50	42.90	19.50	37.60	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
General Heavy 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
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
High School	9.50	7.30	7.30	77.80	17.20	5.00	75	19	6
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Junior High School	9.50	7.30	7.30	72.80	22.20	5.00	63	25	12
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Retirement Community	10.80	7.30	7.50	42.90	19.50	37.60	86	11	3
Single Family Housing	10.80	7.30	7.50	42.90	19.50	37.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
Government Office Building	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
Elementary School	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
High School	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
Junior High School	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
General Heavy Industry	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
General Light Industry	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
Unrefrigerated Warehouse-No Rail	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
Hotel	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
Apartments Low Rise	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
Retirement Community	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
Single Family Housing	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
Regional Shopping Center	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
Strip Mall	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543
Junior College (2Yr)	0.633644	0.029850	0.160723	0.084957	0.010113	0.004172	0.033873	0.032642	0.003322	0.001200	0.004059	0.000902	0.000543

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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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	
Category	tons/yr										MT/yr						
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	11,542.0983	11,542.0983	0.5219	0.1080	11,587.3236	
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	11,542.0983	11,542.0983	0.5219	0.1080	11,587.3236	
NaturalGas Mitigated	0.6134	5.3595	3.0936	0.0335			0.4238	0.4238		0.4238	0.4238	0.0000	6,070.6050	6,070.6050	0.1164	0.1113	6,106.6796
NaturalGas Unmitigated	0.6134	5.3595	3.0936	0.0335			0.4238	0.4238		0.4238	0.4238	0.0000	6,070.6050	6,070.6050	0.1164	0.1113	6,106.6796

5.2 Energy by Land Use - NaturalGas

Unmitigated

Town of Windsor 2040 GP - Sonoma-North Coast County, Annual

	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	1.57274e+007	0.0848	0.7247	0.3084	4.6300e-003		0.0586	0.0586		0.0586	0.0586	0.0000	839.2749	839.2749	0.0161	0.0154	844.2623
Elementary School	258711	1.4000e-003	0.0127	0.0107	8.0000e-005		9.6000e-004	9.6000e-004		9.6000e-004	9.6000e-004	0.0000	13.8058	13.8058	2.6000e-004	2.5000e-004	13.8879
General Heavy Industry	1.99368e+006	0.0108	0.0977	0.0821	5.9000e-004		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	106.3903	106.3903	2.0400e-003	1.9500e-003	107.0225
General Light Industry	7.15026e+006	0.0386	0.3505	0.2944	2.1000e-003		0.0266	0.0266		0.0266	0.0266	0.0000	381.5652	381.5652	7.3100e-003	7.0000e-003	383.8327
General Office Building	4.57218e+006	0.0247	0.2241	0.1883	1.3400e-003		0.0170	0.0170		0.0170	0.0170	0.0000	243.9892	243.9892	4.6800e-003	4.4700e-003	245.4391
Government Office Building	214097	1.1500e-003	0.0105	8.8200e-003	6.0000e-005		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	11.4250	11.4250	2.2000e-004	2.1000e-004	11.4929
High School	408062	2.2000e-003	0.0200	0.0168	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7758	21.7758	4.2000e-004	4.0000e-004	21.9052
Hotel	2.22322e+007	0.1199	1.0898	0.9154	6.5400e-003		0.0828	0.0828		0.0828	0.0828	0.0000	1,186.3954	1,186.3954	0.0227	0.0218	1,193.4456
Junior College (2Yr)	466443	2.5200e-003	0.0229	0.0192	1.4000e-004		1.7400e-003	1.7400e-003		1.7400e-003	1.7400e-003	0.0000	24.8912	24.8912	4.8000e-004	4.6000e-004	25.0391
Junior High School	363796	1.9600e-003	0.0178	0.0150	1.1000e-004		1.3600e-003	1.3600e-003		1.3600e-003	1.3600e-003	0.0000	19.4135	19.4135	3.7000e-004	3.6000e-004	19.5289
Regional Shopping Center	920781	4.9600e-003	0.0451	0.0379	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003	0.0000	49.1364	49.1364	9.4000e-004	9.0000e-004	49.4284
Retirement Community	239747	1.2900e-003	0.0111	4.7000e-003	7.0000e-005		8.9000e-004	8.9000e-004		8.9000e-004	8.9000e-004	0.0000	12.7938	12.7938	2.5000e-004	2.3000e-004	12.8699
Single Family Housing	5.77772e+007	0.3115	2.6623	1.1329	0.0170		0.2153	0.2153		0.2153	0.2153	0.0000	3,083.2132	3,083.2132	0.0591	0.0565	3,101.5352
Strip Mall	531514	2.8700e-003	0.0261	0.0219	1.6000e-004		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003	0.0000	28.3636	28.3636	5.4000e-004	5.2000e-004	28.5321
Unrefrigerated Warehouse-No Rail	902702	4.8700e-003	0.0443	0.0372	2.7000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	48.1716	48.1716	9.2000e-004	8.8000e-004	48.4579
Total		0.6134	5.3595	3.0936	0.0335		0.4238	0.4238		0.4238	0.4238	0.0000	6,070.6050	6,070.6050	0.1164	0.1113	6,106.6796

5.2 Energy by Land Use - NaturalGas

Mitigated

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	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.57274e+007	0.0848	0.7247	0.3084	4.6300e-003		0.0586	0.0586		0.0586	0.0586	0.0000	839.2749	839.2749	0.0161	0.0154	844.2623
Elementary School	258711	1.4000e-003	0.0127	0.0107	8.0000e-005		9.6000e-004	9.6000e-004		9.6000e-004	9.6000e-004	0.0000	13.8058	13.8058	2.6000e-004	2.5000e-004	13.8879
General Heavy Industry	1.99368e+006	0.0108	0.0977	0.0821	5.9000e-004		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	106.3903	106.3903	2.0400e-003	1.9500e-003	107.0225
General Light Industry	7.15026e+006	0.0386	0.3505	0.2944	2.1000e-003		0.0266	0.0266		0.0266	0.0266	0.0000	381.5652	381.5652	7.3100e-003	7.0000e-003	383.8327
General Office Building	4.57218e+006	0.0247	0.2241	0.1883	1.3400e-003		0.0170	0.0170		0.0170	0.0170	0.0000	243.9892	243.9892	4.6800e-003	4.4700e-003	245.4391
Government Office Building	214097	1.1500e-003	0.0105	8.8200e-003	6.0000e-005		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	11.4250	11.4250	2.2000e-004	2.1000e-004	11.4929
High School	408062	2.2000e-003	0.0200	0.0168	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7758	21.7758	4.2000e-004	4.0000e-004	21.9052
Hotel	2.22322e+007	0.1199	1.0898	0.9154	6.5400e-003		0.0828	0.0828		0.0828	0.0828	0.0000	1,186.3954	1,186.3954	0.0227	0.0218	1,193.4456
Junior College (2Yr)	466443	2.5200e-003	0.0229	0.0192	1.4000e-004		1.7400e-003	1.7400e-003		1.7400e-003	1.7400e-003	0.0000	24.8912	24.8912	4.8000e-004	4.6000e-004	25.0391
Junior High School	363796	1.9600e-003	0.0178	0.0150	1.1000e-004		1.3600e-003	1.3600e-003		1.3600e-003	1.3600e-003	0.0000	19.4135	19.4135	3.7000e-004	3.6000e-004	19.5289
Regional Shopping Center	920781	4.9600e-003	0.0451	0.0379	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003	0.0000	49.1364	49.1364	9.4000e-004	9.0000e-004	49.4284
Retirement Community	239747	1.2900e-003	0.0111	4.7000e-003	7.0000e-005		8.9000e-004	8.9000e-004		8.9000e-004	8.9000e-004	0.0000	12.7938	12.7938	2.5000e-004	2.3000e-004	12.8699
Single Family Housing	5.77772e+007	0.3115	2.6623	1.1329	0.0170		0.2153	0.2153		0.2153	0.2153	0.0000	3,083.2132	3,083.2132	0.0591	0.0565	3,101.5352
Strip Mall	531514	2.8700e-003	0.0261	0.0219	1.6000e-004		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003	0.0000	28.3636	28.3636	5.4000e-004	5.2000e-004	28.5321
Unrefrigerated Warehouse-No Rail	902702	4.8700e-003	0.0443	0.0372	2.7000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	48.1716	48.1716	9.2000e-004	8.8000e-004	48.4579
Total		0.6134	5.3595	3.0936	0.0335		0.4238	0.4238		0.4238	0.4238	0.0000	6,070.6050	6,070.6050	0.1164	0.1113	6,106.6796

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5.3 Energy by Land Use - Electricity

Unmitigated

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	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	5.50246e+006	1,600.7279	0.0724	0.0150	1,607.0000
Elementary School	77208.5	22.4609	1.0200e-003	2.1000e-004	22.5489
General Heavy Industry	633942	184.4209	8.3400e-003	1.7300e-003	185.1436
General Light Industry	2.27361e+006	661.4194	0.0299	6.1900e-003	664.0110
General Office Building	5.06415e+006	1,473.2182	0.0666	0.0138	1,478.9907
Government Office Building	237133	68.9848	3.1200e-003	6.5000e-004	69.2551
High School	121780	35.4272	1.6000e-003	3.3000e-004	35.5661
Hotel	3.88602e+006	1,130.4868	0.0511	0.0106	1,134.9164
Junior College (2Yr)	156508	45.5299	2.0600e-003	4.3000e-004	45.7083
Junior High School	108569	31.5841	1.4300e-003	3.0000e-004	31.7078
Regional Shopping Center	4.23637e+006	1,232.4075	0.0557	0.0115	1,237.2364
Retirement Community	87312.2	25.4001	1.1500e-003	2.4000e-004	25.4997
Single Family Housing	1.3914e+007	4,047.7496	0.1830	0.0379	4,063.6099
Strip Mall	2.44541e+006	711.3976	0.0322	6.6600e-003	714.1851
Unrefrigerated Warehouse-No Rail	931154	270.8835	0.0123	2.5300e-003	271.9449
Total		11,542.0983	0.5219	0.1080	11,587.3236

5.3 Energy by Land Use - Electricity

Mitigated

Town of Windsor 2040 GP - Sonoma-North Coast County, Annual

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	5.50246e+006	1,600.7279	0.0724	0.0150	1,607.0000
Elementary School	77208.5	22.4609	1.0200e-003	2.1000e-004	22.5489
General Heavy Industry	633942	184.4209	8.3400e-003	1.7300e-003	185.1436
General Light Industry	2.27361e+006	661.4194	0.0299	6.1900e-003	664.0110
General Office Building	5.06415e+006	1,473.2182	0.0666	0.0138	1,478.9907
Government Office Building	237133	68.9848	3.1200e-003	6.5000e-004	69.2551
High School	121780	35.4272	1.6000e-003	3.3000e-004	35.5661
Hotel	3.88602e+006	1,130.4868	0.0511	0.0106	1,134.9164
Junior College (2Yr)	156508	45.5299	2.0600e-003	4.3000e-004	45.7083
Junior High School	108569	31.5841	1.4300e-003	3.0000e-004	31.7078
Regional Shopping Center	4.23637e+006	1,232.4075	0.0557	0.0115	1,237.2364
Retirement Community	87312.2	25.4001	1.1500e-003	2.4000e-004	25.4997
Single Family Housing	1.3914e+007	4,047.7496	0.1830	0.0379	4,063.6099
Strip Mall	2.44541e+006	711.3976	0.0322	6.6600e-003	714.1851
Unrefrigerated Warehouse-No Rail	931154	270.8835	0.0123	2.5300e-003	271.9449
Total		11,542.0983	0.5219	0.1080	11,587.3236

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6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	42.7180	0.3328	28.8345	1.5300e-003		0.1606	0.1606		0.1606	0.1606	0.0000	47.3166	47.3166	0.0451	0.0000	48.4446
Unmitigated	42.7180	0.3328	28.8345	1.5300e-003		0.1606	0.1606		0.1606	0.1606	0.0000	47.3166	47.3166	0.0451	0.0000	48.4446

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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	11.3539					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	30.5001					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.8640	0.3328	28.8345	1.5300e-003		0.1606	0.1606		0.1606	0.1606	0.0000	47.3166	47.3166	0.0451	0.0000	48.4446
Total	42.7180	0.3328	28.8345	1.5300e-003		0.1606	0.1606		0.1606	0.1606	0.0000	47.3166	47.3166	0.0451	0.0000	48.4446

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	11.3539					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	30.5001					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.8640	0.3328	28.8345	1.5300e-003		0.1606	0.1606		0.1606	0.1606	0.0000	47.3166	47.3166	0.0451	0.0000	48.4446
Total	42.7180	0.3328	28.8345	1.5300e-003		0.1606	0.1606		0.1606	0.1606	0.0000	47.3166	47.3166	0.0451	0.0000	48.4446

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1,192.4320	16.5699	0.3998	1,725.8211
Unmitigated	1,192.4320	16.5699	0.3998	1,725.8211

7.2 Water by Land Use

Unmitigated

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	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	106.853 / 67.3636	270.6874	3.4925	0.0844	383.1594
Elementary School	0.404848 / 1.04104	1.8257	0.0133	3.3000e-004	2.2550
General Heavy Industry	17.4108 / 0	32.9304	0.5686	0.0137	51.2131
General Light Industry	62.4421 / 0	118.1015	2.0391	0.0490	183.6705
General Office Building	51.9996 / 31.8707	130.8012	1.6996	0.0411	185.5318
Government Office Building	2.72164 / 1.6681	6.8461	0.0890	2.1500e-003	9.7107
High School	0.731223 / 1.88029	3.2975	0.0240	5.9000e-004	4.0729
Hotel	8.72617 / 0.969574	17.4917	0.2850	6.8500e-003	26.6587
Junior College (2Yr)	0.944225 / 1.47686	3.2896	0.0309	7.5000e-004	4.2870
Junior High School	0.404848 / 1.04104	1.8257	0.0133	3.3000e-004	2.2550
Regional Shopping Center	30.166 / 18.4889	75.8805	0.9860	0.0238	107.6309
Retirement Community	1.62885 / 1.02688	4.1263	0.0532	1.2900e-003	5.8408
Single Family Housing	145.424 / 91.6802	368.3989	4.7532	0.1149	521.4706
Strip Mall	17.413 / 10.6725	43.8011	0.5691	0.0138	62.1286
Unrefrigerated Warehouse-No Rail	59.8128 / 0	113.1285	1.9533	0.0469	175.9365
Total		1,192.4320	16.5699	0.3998	1,725.8211

7.2 Water by Land Use

Mitigated

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	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	106.853 / 67.3636	270.6874	3.4925	0.0844	383.1594
Elementary School	0.404848 / 1.04104	1.8257	0.0133	3.3000e-004	2.2550
General Heavy Industry	17.4108 / 0	32.9304	0.5686	0.0137	51.2131
General Light Industry	62.4421 / 0	118.1015	2.0391	0.0490	183.6705
General Office Building	51.9996 / 31.8707	130.8012	1.6996	0.0411	185.5318
Government Office Building	2.72164 / 1.6681	6.8461	0.0890	2.1500e-003	9.7107
High School	0.731223 / 1.88029	3.2975	0.0240	5.9000e-004	4.0729
Hotel	8.72617 / 0.969574	17.4917	0.2850	6.8500e-003	26.6587
Junior College (2Yr)	0.944225 / 1.47686	3.2896	0.0309	7.5000e-004	4.2870
Junior High School	0.404848 / 1.04104	1.8257	0.0133	3.3000e-004	2.2550
Regional Shopping Center	30.166 / 18.4889	75.8805	0.9860	0.0238	107.6309
Retirement Community	1.62885 / 1.02688	4.1263	0.0532	1.2900e-003	5.8408
Single Family Housing	145.424 / 91.6802	368.3989	4.7532	0.1149	521.4706
Strip Mall	17.413 / 10.6725	43.8011	0.5691	0.0138	62.1286
Unrefrigerated Warehouse-No Rail	59.8128 / 0	113.1285	1.9533	0.0469	175.9365
Total		1,192.4320	16.5699	0.3998	1,725.8211

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8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,103.8304	65.2345	0.0000	2,734.6930
Unmitigated	1,103.8304	65.2345	0.0000	2,734.6930

8.2 Waste by Land Use

Unmitigated

Town of Windsor 2040 GP - Sonoma-North Coast County, Annual

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	754.4	153.1364	9.0501	0.0000	379.3889
Elementary School	30.48	6.1872	0.3657	0.0000	15.3284
General Heavy Industry	93.36	18.9512	1.1200	0.0000	46.9509
General Light Industry	334.82	67.9654	4.0166	0.0000	168.3815
General Office Building	272.09	55.2318	3.2641	0.0000	136.8345
Government Office Building	12.74	2.5861	0.1528	0.0000	6.4070
High School	30.29	6.1486	0.3634	0.0000	15.2329
Hotel	188.34	38.2313	2.2594	0.0000	94.7165
Junior College (2Yr)	80.48	16.3367	0.9655	0.0000	40.4735
Junior High School	30.48	6.1872	0.3657	0.0000	15.3284
Regional Shopping Center	427.61	86.8010	5.1298	0.0000	215.0457
Retirement Community	11.5	2.3344	0.1380	0.0000	5.7834
Single Family Housing	2681.28	544.2756	32.1658	0.0000	1,348.4198
Strip Mall	246.83	50.1043	2.9611	0.0000	124.1312
Unrefrigerated Warehouse-No Rail	243.13	49.3532	2.9167	0.0000	122.2705
Total		1,103.8303	65.2345	0.0000	2,734.6930

8.2 Waste by Land Use

Mitigated

Town of Windsor 2040 GP - Sonoma-North Coast County, Annual

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	754.4	153.1364	9.0501	0.0000	379.3889
Elementary School	30.48	6.1872	0.3657	0.0000	15.3284
General Heavy Industry	93.36	18.9512	1.1200	0.0000	46.9509
General Light Industry	334.82	67.9654	4.0166	0.0000	168.3815
General Office Building	272.09	55.2318	3.2641	0.0000	136.8345
Government Office Building	12.74	2.5861	0.1528	0.0000	6.4070
High School	30.29	6.1486	0.3634	0.0000	15.2329
Hotel	188.34	38.2313	2.2594	0.0000	94.7165
Junior College (2Yr)	80.48	16.3367	0.9655	0.0000	40.4735
Junior High School	30.48	6.1872	0.3657	0.0000	15.3284
Regional Shopping Center	427.61	86.8010	5.1298	0.0000	215.0457
Retirement Community	11.5	2.3344	0.1380	0.0000	5.7834
Single Family Housing	2681.28	544.2756	32.1658	0.0000	1,348.4198
Strip Mall	246.83	50.1043	2.9611	0.0000	124.1312
Unrefrigerated Warehouse-No Rail	243.13	49.3532	2.9167	0.0000	122.2705
Total		1,103.8303	65.2345	0.0000	2,734.6930

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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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

VMT Summary Table

Scenario	VMT (daily)*	Speedbin Excel Reference
Existing Plus Project	14,038,660.95	2010 GP
Project plus cumulative	19,924,536.69	2040
Existing	13,890,346.60	2010

*VMT provided by SCTA