

Mace Ranch Innovation Center - Air Quality (UNMITIGATED)
Yolo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Research & Development	1,510.00	1000sqft	34.66	1,510,000.00	0
Research & Development	45.90	1000sqft	1.05	45,901.00	0
Manufacturing	884.00	1000sqft	20.29	884,000.00	0
Hotel	150.00	Room	5.00	217,800.00	0
Regional Shopping Center	100.00	1000sqft	2.30	100,000.00	0
Regional Shopping Center	25.16	1000sqft	0.58	25,155.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	54
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - *

On-road Fugitive Dust - all roadways would be paved

Grading - total project site (including Mace Triangle), with exception of PQP parcel = 224.42 acres

Vehicle Trips - based on VMT data from traffic consultant

Road Dust - all project roadways would be paved

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation - project required to comply with Tier 1 CALGreen Code standards

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	75.00	3,860.00
tblConstructionPhase	NumDays	1,110.00	3,860.00
tblConstructionPhase	NumDays	110.00	395.00
tblConstructionPhase	NumDays	75.00	280.00
tblConstructionPhase	NumDays	40.00	150.00
tblConstructionPhase	PhaseEndDate	4/1/2050	6/29/2035
tblConstructionPhase	PhaseStartDate	6/16/2035	9/12/2020
tblGrading	AcresOfGrading	987.50	224.42
tblLandUse	LandUseSquareFeet	45,900.00	45,901.00
tblLandUse	LandUseSquareFeet	25,160.00	25,155.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00

tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblRoadDust	RoadPercentPave	94	100
tblVehicleTrips	CC_TL	6.60	6.43
tblVehicleTrips	CC_TL	6.60	6.43
tblVehicleTrips	CC_TL	6.60	6.43
tblVehicleTrips	CC_TL	6.60	6.43
tblVehicleTrips	CNW_TL	6.60	6.43
tblVehicleTrips	CNW_TL	6.60	6.43
tblVehicleTrips	CNW_TL	6.60	6.43
tblVehicleTrips	CNW_TL	6.60	6.43
tblVehicleTrips	CW_TL	14.70	14.93
tblVehicleTrips	CW_TL	14.70	14.93
tblVehicleTrips	CW_TL	14.70	14.93
tblVehicleTrips	CW_TL	14.70	14.93

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	4.9124	51.8488	40.5859	0.0420	18.2962	2.7557	21.0519	9.9917	2.5353	12.5269						
2018	5.3630	59.6292	43.4907	0.0649	18.2962	2.7896	20.6630	9.9917	2.5665	12.1692						
2019	4.9578	54.2847	41.3651	0.0649	6.8801	2.5065	9.3866	3.4430	2.3060	5.7490						
2020	19.6225	49.5632	119.9123	0.3199	18.1011	1.7369	19.8380	4.8589	1.6301	6.4890						
2021	18.8056	43.2734	112.2370	0.3197	18.1016	1.5186	19.6202	4.8591	1.4247	6.2838						
2022	18.2653	38.8906	107.0559	0.3196	18.1021	1.3498	19.4519	4.8593	1.2660	6.1252						
2023	17.6030	35.4662	100.7947	0.3194	18.1023	1.2071	19.3095	4.8594	1.1316	5.9910						
2024	17.2971	34.0657	97.7416	0.3194	18.1029	1.1126	19.2155	4.8596	1.0419	5.9015						
2025	16.9908	32.6807	94.7218	0.3194	18.1034	1.0190	19.1224	4.8598	0.9532	5.8131						
2026	16.8558	32.3599	92.7149	0.3195	18.1037	1.0195	19.1232	4.8600	0.9537	5.8137						
2027	16.7608	32.1093	91.1231	0.3195	18.1041	1.0206	19.1246	4.8601	0.9547	5.8148						
2028	16.6598	31.8761	89.6457	0.3195	18.1044	1.0211	19.1255	4.8602	0.9552	5.8154						
2029	16.5611	31.6688	88.2682	0.3195	18.1047	1.0215	19.1262	4.8603	0.9556	5.8159						
2030	16.3335	26.6757	86.9698	0.3235	18.1049	0.6131	18.7180	4.8604	0.5783	5.4387						
2031	16.2640	26.5132	86.0077	0.3235	18.1052	0.6134	18.7186	4.8605	0.5786	5.4391						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2032	16.1989	26.3743	85.1686	0.3236	18.1055	0.6136	18.7191	4.8607	0.5787	5.4394						
2033	16.1295	26.2432	84.4458	0.3236	18.1058	0.6137	18.7195	4.8608	0.5788	5.4396						
2034	16.0565	26.1335	83.7696	0.3236	18.1060	0.6136	18.7196	4.8609	0.5787	5.4396						
2035	15.8740	25.1748	83.1246	0.3236	18.1062	0.5453	18.6515	4.8610	0.5104	5.3714						
Total	287.5114	684.8312	1,629.1428	5.3086	333.1362	23.6914	356.4048	101.1873	22.0779	122.8762						

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	4.9124	51.8488	40.5859	0.0420	18.2962	2.7557	21.0519	9.9917	2.5353	12.5269						
2018	5.3630	59.6292	43.4907	0.0649	18.2962	2.7896	20.6630	9.9917	2.5665	12.1692						
2019	4.9578	54.2847	41.3651	0.0649	6.8801	2.5065	9.3866	3.4430	2.3060	5.7490						
2020	19.6225	49.5632	119.9123	0.3199	18.1011	1.7369	19.8380	4.8589	1.6301	6.4890						
2021	18.8056	43.2734	112.2370	0.3197	18.1016	1.5186	19.6202	4.8591	1.4247	6.2838						
2022	18.2653	38.8906	107.0559	0.3196	18.1021	1.3498	19.4519	4.8593	1.2660	6.1252						
2023	17.6030	35.4662	100.7947	0.3194	18.1023	1.2071	19.3095	4.8594	1.1316	5.9910						
2024	17.2971	34.0657	97.7416	0.3194	18.1029	1.1126	19.2155	4.8596	1.0419	5.9015						

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	70.1799	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Energy	1.6400	14.9092	12.5237	0.0895		1.1331	1.1331		1.1331	1.1331						
Mobile	55.3736	110.3068	519.6453	2.1481	135.0203	2.7993	137.8196	36.2289	2.5820	38.8109						
Total	127.1934	125.2185	532.4447	2.2376	135.0203	3.9334	138.9537	36.2289	3.7161	39.9450						

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	65.7273	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Energy	1.1502	10.4564	8.7834	0.0627		0.7947	0.7947		0.7947	0.7947						
Mobile	55.3736	110.3068	519.6453	2.1481	135.0203	2.7993	137.8196	36.2289	2.5820	38.8109						
Total	122.2511	120.7657	528.7044	2.2108	135.0203	3.5950	138.6153	36.2289	3.3777	39.6065						

	ROG	NOx	CO	SO2	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	3.89	3.56	0.70	1.19	0.00	8.60	0.24	0.00	9.11	0.85	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/3/2017	1/26/2018	5	150	
2	Grading	Grading	1/27/2018	8/2/2019	5	395	
3	Paving	Paving	8/3/2019	8/28/2020	5	280	
4	Building Construction	Building Construction	8/29/2020	6/15/2035	5	3860	
5	Architectural Coating	Architectural Coating	9/12/2020	6/29/2035	5	3860	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 224.42

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 4,174,284; Non-Residential Outdoor: 1,391,428 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,001.00	456.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	200.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339						
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0742	0.0953	1.1888	2.8800e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						
Total	0.0742	0.0953	1.1888	2.8800e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						

3.2 Site Preparation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339						
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0742	0.0953	1.1888	2.8800e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						
Total	0.0742	0.0953	1.1888	2.8800e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762						
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0661	0.0858	1.0655	2.8800e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						
Total	0.0661	0.0858	1.0655	2.8800e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						

3.2 Site Preparation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762						
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0661	0.0858	1.0655	2.8800e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						
Total	0.0661	0.0858	1.0655	2.8800e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650						
Total	5.2895	59.5338	42.3068	0.0617	6.6246	2.7880	9.4126	3.3753	2.5650	5.9403						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0734	0.0954	1.1839	3.2000e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						
Total	0.0734	0.0954	1.1839	3.2000e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						

3.3 Grading - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650						
Total	5.2895	59.5338	42.3068	0.0617	6.6246	2.7880	9.4126	3.3753	2.5650	5.9403						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0734	0.0954	1.1839	3.2000e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						
Total	0.0734	0.0954	1.1839	3.2000e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045						
Total	4.8912	54.1978	40.2888	0.0617	6.6246	2.5049	9.1295	3.3753	2.3045	5.6798						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0666	0.0870	1.0763	3.1800e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						
Total	0.0666	0.0870	1.0763	3.1800e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						

3.3 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045						
Total	4.8912	54.1978	40.2888	0.0617	6.6246	2.5049	9.1295	3.3753	2.3045	5.6798						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0666	0.0870	1.0763	3.1800e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						
Total	0.0666	0.0870	1.0763	3.1800e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						

3.4 Paving - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0500	0.0652	0.8072	2.3900e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						
Total	0.0500	0.0652	0.8072	2.3900e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						

3.4 Paving - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0500	0.0652	0.8072	2.3900e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						
Total	0.0500	0.0652	0.8072	2.3900e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						

3.4 Paving - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0461	0.0601	0.7441	2.3900e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						
Total	0.0461	0.0601	0.7441	2.3900e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						

3.4 Paving - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0461	0.0601	0.7441	2.3900e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						
Total	0.0461	0.0601	0.7441	2.3900e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						

3.5 Building Construction - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.5520	23.9823	41.6985	0.0991	2.7607	0.4190	3.1797	0.7908	0.3854	1.1761						
Worker	3.0774	4.0117	49.6533	0.1593	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	6.6294	27.9939	91.3517	0.2583	15.5465	0.4975	16.0440	4.1814	0.4581	4.6396						

3.5 Building Construction - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.5520	23.9823	41.6985	0.0991	2.7607	0.4190	3.1797	0.7908	0.3854	1.1761						
Worker	3.0774	4.0117	49.6533	0.1593	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	6.6294	27.9939	91.3517	0.2583	15.5465	0.4975	16.0440	4.1814	0.4581	4.6396						

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.1883	19.9088	38.0229	0.0988	2.7612	0.3755	3.1367	0.7910	0.3455	1.1364						
Worker	2.9009	3.7485	46.5568	0.1593	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	6.0892	23.6573	84.5797	0.2581	15.5470	0.4540	16.0010	4.1816	0.4183	4.5999						

3.5 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.1883	19.9088	38.0229	0.0988	2.7612	0.3755	3.1367	0.7910	0.3455	1.1364						
Worker	2.9009	3.7485	46.5568	0.1593	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	6.0892	23.6573	84.5797	0.2581	15.5470	0.4540	16.0010	4.1816	0.4183	4.5999						

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.0426	17.7203	36.3260	0.0987	2.7616	0.3681	3.1297	0.7912	0.3386	1.1298						
Worker	2.7456	3.5218	43.8313	0.1593	12.7858	0.0786	12.8644	3.3907	0.0729	3.4636						
Total	5.7882	21.2421	80.1572	0.2580	15.5475	0.4467	15.9941	4.1818	0.4115	4.5934						

3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.0426	17.7203	36.3260	0.0987	2.7616	0.3681	3.1297	0.7912	0.3386	1.1298						
Worker	2.7456	3.5218	43.8313	0.1593	12.7858	0.0786	12.8644	3.3907	0.0729	3.4636						
Total	5.7882	21.2421	80.1572	0.2580	15.5475	0.4467	15.9941	4.1818	0.4115	4.5934						

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.7001	15.8658	33.1878	0.0985	2.7619	0.3451	3.1070	0.7913	0.3175	1.1087						
Worker	2.6008	3.3212	41.3290	0.1593	12.7858	0.0788	12.8646	3.3907	0.0731	3.4638						
Total	5.3009	19.1870	74.5168	0.2578	15.5477	0.4238	15.9716	4.1819	0.3905	4.5725						

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.7001	15.8658	33.1878	0.0985	2.7619	0.3451	3.1070	0.7913	0.3175	1.1087						
Worker	2.6008	3.3212	41.3290	0.1593	12.7858	0.0788	12.8646	3.3907	0.0731	3.4638						
Total	5.3009	19.1870	74.5168	0.2578	15.5477	0.4238	15.9716	4.1819	0.3905	4.5725						

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.6558	15.6882	32.6008	0.0986	2.7625	0.3463	3.1087	0.7915	0.3186	1.1101						
Worker	2.4759	3.1516	39.3377	0.1592	12.7858	0.0791	12.8649	3.3907	0.0734	3.4641						
Total	5.1316	18.8398	71.9386	0.2578	15.5483	0.4253	15.9736	4.1822	0.3919	4.5741						

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.6558	15.6882	32.6008	0.0986	2.7625	0.3463	3.1087	0.7915	0.3186	1.1101						
Worker	2.4759	3.1516	39.3377	0.1592	12.7858	0.0791	12.8649	3.3907	0.0734	3.4641						
Total	5.1316	18.8398	71.9386	0.2578	15.5483	0.4253	15.9736	4.1822	0.3919	4.5741						

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5897	15.5165	31.6422	0.0986	2.7630	0.3470	3.1100	0.7917	0.3192	1.1109						
Worker	2.3703	3.0080	37.6885	0.1592	12.7858	0.0796	12.8654	3.3907	0.0738	3.4645						
Total	4.9601	18.5245	69.3307	0.2578	15.5488	0.4266	15.9754	4.1824	0.3931	4.5754						

3.5 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5897	15.5165	31.6422	0.0986	2.7630	0.3470	3.1100	0.7917	0.3192	1.1109						
Worker	2.3703	3.0080	37.6885	0.1592	12.7858	0.0796	12.8654	3.3907	0.0738	3.4645						
Total	4.9601	18.5245	69.3307	0.2578	15.5488	0.4266	15.9754	4.1824	0.3931	4.5754						

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5672	15.3411	31.2820	0.0986	2.7633	0.3467	3.1100	0.7918	0.3190	1.1108						
Worker	2.2767	2.8869	36.3161	0.1592	12.7858	0.0803	12.8661	3.3907	0.0745	3.4651						
Total	4.8438	18.2279	67.5980	0.2578	15.5491	0.4270	15.9761	4.1825	0.3934	4.5759						

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5672	15.3411	31.2820	0.0986	2.7633	0.3467	3.1100	0.7918	0.3190	1.1108						
Worker	2.2767	2.8869	36.3161	0.1592	12.7858	0.0803	12.8661	3.3907	0.0745	3.4651						
Total	4.8438	18.2279	67.5980	0.2578	15.5491	0.4270	15.9761	4.1825	0.3934	4.5759						

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5780	15.2206	31.1525	0.0986	2.7636	0.3470	3.1107	0.7920	0.3193	1.1112						
Worker	2.1884	2.7784	35.0972	0.1592	12.7858	0.0809	12.8667	3.3907	0.0750	3.4657						
Total	4.7665	17.9990	66.2497	0.2578	15.5494	0.4279	15.9773	4.1826	0.3943	4.5769						

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5780	15.2206	31.1525	0.0986	2.7636	0.3470	3.1107	0.7920	0.3193	1.1112						
Worker	2.1884	2.7784	35.0972	0.1592	12.7858	0.0809	12.8667	3.3907	0.0750	3.4657						
Total	4.7665	17.9990	66.2497	0.2578	15.5494	0.4279	15.9773	4.1826	0.3943	4.5769						

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5761	15.1066	30.9689	0.0986	2.7640	0.3470	3.1110	0.7921	0.3193	1.1113						
Worker	2.1058	2.6791	34.0189	0.1592	12.7858	0.0814	12.8672	3.3907	0.0755	3.4662						
Total	4.6820	17.7856	64.9878	0.2579	15.5498	0.4284	15.9781	4.1828	0.3947	4.5775						

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5761	15.1066	30.9689	0.0986	2.7640	0.3470	3.1110	0.7921	0.3193	1.1113						
Worker	2.1058	2.6791	34.0189	0.1592	12.7858	0.0814	12.8672	3.3907	0.0755	3.4662						
Total	4.6820	17.7856	64.9878	0.2579	15.5498	0.4284	15.9781	4.1828	0.3947	4.5775						

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5761	15.0145	30.8430	0.0986	2.7642	0.3470	3.1112	0.7922	0.3192	1.1114						
Worker	2.0236	2.5830	32.9758	0.1592	12.7858	0.0817	12.8675	3.3907	0.0758	3.4665						
Total	4.5997	17.5975	63.8187	0.2579	15.5500	0.4287	15.9787	4.1829	0.3950	4.5779						

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5761	15.0145	30.8430	0.0986	2.7642	0.3470	3.1112	0.7922	0.3192	1.1114						
Worker	2.0236	2.5830	32.9758	0.1592	12.7858	0.0817	12.8675	3.3907	0.0758	3.4665						
Total	4.5997	17.5975	63.8187	0.2579	15.5500	0.4287	15.9787	4.1829	0.3950	4.5779						

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5367	14.9033	30.5075	0.0987	2.7644	0.3468	3.1113	0.7923	0.3191	1.1114						
Worker	1.9480	2.4989	32.1164	0.1592	12.7858	0.0820	12.8678	3.3907	0.0761	3.4668						
Total	4.4847	17.4022	62.6239	0.2579	15.5502	0.4288	15.9791	4.1830	0.3952	4.5781						

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5367	14.9033	30.5075	0.0987	2.7644	0.3468	3.1113	0.7923	0.3191	1.1114						
Worker	1.9480	2.4989	32.1164	0.1592	12.7858	0.0820	12.8678	3.3907	0.0761	3.4668						
Total	4.4847	17.4022	62.6239	0.2579	15.5502	0.4288	15.9791	4.1830	0.3952	4.5781						

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5540	14.8375	30.5005	0.0987	2.7648	0.3470	3.1117	0.7924	0.3192	1.1116						
Worker	1.8756	2.4184	31.3203	0.1593	12.7858	0.0821	12.8680	3.3907	0.0762	3.4669						
Total	4.4296	17.2559	61.8208	0.2579	15.5506	0.4291	15.9797	4.1831	0.3954	4.5785						

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5540	14.8375	30.5005	0.0987	2.7648	0.3470	3.1117	0.7924	0.3192	1.1116						
Worker	1.8756	2.4184	31.3203	0.1593	12.7858	0.0821	12.8680	3.3907	0.0762	3.4669						
Total	4.4296	17.2559	61.8208	0.2579	15.5506	0.4291	15.9797	4.1831	0.3954	4.5785						

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5695	14.7831	30.4864	0.0987	2.7651	0.3471	3.1122	0.7926	0.3193	1.1119						
Worker	1.8085	2.3479	30.6328	0.1593	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.3780	17.1310	61.1191	0.2580	15.5509	0.4293	15.9802	4.1832	0.3956	4.5788						

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5695	14.7831	30.4864	0.0987	2.7651	0.3471	3.1122	0.7926	0.3193	1.1119						
Worker	1.8085	2.3479	30.6328	0.1593	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.3780	17.1310	61.1191	0.2580	15.5509	0.4293	15.9802	4.1832	0.3956	4.5788						

3.5 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5709	14.7218	30.4328	0.0987	2.7654	0.3471	3.1125	0.7927	0.3193	1.1120						
Worker	1.7494	2.2898	30.0750	0.1593	12.7858	0.0822	12.8681	3.3907	0.0763	3.4670						
Total	4.3203	17.0115	60.5078	0.2580	15.5512	0.4293	15.9805	4.1833	0.3956	4.5790						

3.5 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5709	14.7218	30.4328	0.0987	2.7654	0.3471	3.1125	0.7927	0.3193	1.1120						
Worker	1.7494	2.2898	30.0750	0.1593	12.7858	0.0822	12.8681	3.3907	0.0763	3.4670						
Total	4.3203	17.0115	60.5078	0.2580	15.5512	0.4293	15.9805	4.1833	0.3956	4.5790						

3.5 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5691	14.6709	30.4030	0.0987	2.7656	0.3471	3.1127	0.7928	0.3193	1.1121						
Worker	1.6901	2.2407	29.5362	0.1593	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.2592	16.9116	59.9392	0.2580	15.5514	0.4292	15.9807	4.1834	0.3955	4.5790						

3.5 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5691	14.6709	30.4030	0.0987	2.7656	0.3471	3.1127	0.7928	0.3193	1.1121						
Worker	1.6901	2.2407	29.5362	0.1593	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.2592	16.9116	59.9392	0.2580	15.5514	0.4292	15.9807	4.1834	0.3955	4.5790						

3.5 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5552	14.6238	30.3640	0.0987	2.7658	0.3468	3.1127	0.7928	0.3191	1.1119						
Worker	1.6369	2.2023	29.0666	0.1593	12.7858	0.0821	12.8679	3.3907	0.0762	3.4668						
Total	4.1921	16.8261	59.4306	0.2580	15.5516	0.4289	15.9806	4.1835	0.3953	4.5788						

3.5 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5552	14.6238	30.3640	0.0987	2.7658	0.3468	3.1127	0.7928	0.3191	1.1119						
Worker	1.6369	2.2023	29.0666	0.1593	12.7858	0.0821	12.8679	3.3907	0.0762	3.4668						
Total	4.1921	16.8261	59.4306	0.2580	15.5516	0.4289	15.9806	4.1835	0.3953	4.5788						

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						
Total	10.2670	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.6149	0.8015	9.9207	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.6149	0.8015	9.9207	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						
Total	10.2670	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.6149	0.8015	9.9207	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.6149	0.8015	9.9207	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						
Total	10.2437	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5796	0.7490	9.3021	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.5796	0.7490	9.3021	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						
Total	10.2437	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5796	0.7490	9.3021	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.5796	0.7490	9.3021	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						
Total	10.2293	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5486	0.7037	8.7575	0.0318	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						
Total	0.5486	0.7037	8.7575	0.0318	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						

3.6 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						
Total	10.2293	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5486	0.7037	8.7575	0.0318	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						
Total	0.5486	0.7037	8.7575	0.0318	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						
Total	10.2164	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5196	0.6636	8.2575	0.0318	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						
Total	0.5196	0.6636	8.2575	0.0318	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						

3.6 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						
Total	10.2164	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5196	0.6636	8.2575	0.0318	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						
Total	0.5196	0.6636	8.2575	0.0318	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	10.2055	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4947	0.6297	7.8597	0.0318	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						
Total	0.4947	0.6297	7.8597	0.0318	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						

3.6 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	10.2055	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4947	0.6297	7.8597	0.0318	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						
Total	0.4947	0.6297	7.8597	0.0318	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4736	0.6010	7.5302	0.0318	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						
Total	0.4736	0.6010	7.5302	0.0318	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						

3.6 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4736	0.6010	7.5302	0.0318	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						
Total	0.4736	0.6010	7.5302	0.0318	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4549	0.5768	7.2560	0.0318	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						
Total	0.4549	0.5768	7.2560	0.0318	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						

3.6 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4549	0.5768	7.2560	0.0318	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						
Total	0.4549	0.5768	7.2560	0.0318	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4373	0.5551	7.0124	0.0318	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						
Total	0.4373	0.5551	7.0124	0.0318	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						

3.6 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4373	0.5551	7.0124	0.0318	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						
Total	0.4373	0.5551	7.0124	0.0318	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						

3.6 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4207	0.5353	6.7970	0.0318	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						
Total	0.4207	0.5353	6.7970	0.0318	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						

3.6 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4207	0.5353	6.7970	0.0318	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						
Total	0.4207	0.5353	6.7970	0.0318	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4043	0.5161	6.5886	0.0318	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						
Total	0.4043	0.5161	6.5886	0.0318	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						

3.6 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4043	0.5161	6.5886	0.0318	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						
Total	0.4043	0.5161	6.5886	0.0318	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						

3.6 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3892	0.4993	6.4169	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3892	0.4993	6.4169	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3892	0.4993	6.4169	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3892	0.4993	6.4169	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3747	0.4832	6.2578	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3747	0.4832	6.2578	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3747	0.4832	6.2578	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3747	0.4832	6.2578	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 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	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3613	0.4691	6.1204	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3613	0.4691	6.1204	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3613	0.4691	6.1204	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3613	0.4691	6.1204	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3495	0.4575	6.0090	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3495	0.4575	6.0090	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3495	0.4575	6.0090	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3495	0.4575	6.0090	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3377	0.4477	5.9013	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3377	0.4477	5.9013	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3377	0.4477	5.9013	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3377	0.4477	5.9013	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						
Total	10.1426	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3271	0.4400	5.8075	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3271	0.4400	5.8075	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						
Total	10.1426	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3271	0.4400	5.8075	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3271	0.4400	5.8075	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	55.3736	110.3068	519.6453	2.1481	135.0203	2.7993	137.8196	36.2289	2.5820	38.8109						
Unmitigated	55.3736	110.3068	519.6453	2.1481	135.0203	2.7993	137.8196	36.2289	2.5820	38.8109						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,225.50	1,228.50	892.50	2,340,767	2,340,767
Manufacturing	3,376.88	1,317.16	548.08	10,408,376	10,408,376
Regional Shopping Center	4,294.00	4,997.00	2524.00	7,409,861	7,409,861
Regional Shopping Center	1,080.37	1,257.25	635.04	1,864,321	1,864,321
Research & Development	12,246.10	2,869.00	1676.10	27,095,907	27,095,907
Research & Development	372.25	87.21	50.95	823,644	823,644
Total	22,595.10	11,756.12	6,326.67	49,942,875	49,942,875

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
Hotel	14.93	6.43	6.43	19.40	61.60	19.00	58	38	4
Manufacturing	14.93	6.43	6.43	59.00	28.00	13.00	92	5	3
Regional Shopping Center	14.93	6.43	6.43	16.30	64.70	19.00	54	35	11
Regional Shopping Center	14.93	6.43	6.43	16.30	64.70	19.00	54	35	11
Research & Development	14.93	6.43	6.43	33.00	48.00	19.00	82	15	3
Research & Development	14.93	6.43	6.43	33.00	48.00	19.00	82	15	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.482064	0.068502	0.148828	0.142624	0.058603	0.006592	0.039838	0.040189	0.000921	0.001765	0.007545	0.000550	0.001979

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.1502	10.4564	8.7834	0.0627		0.7947	0.7947		0.7947	0.7947						
NaturalGas Unmitigated	1.6400	14.9092	12.5237	0.0895		1.1331	1.1331		1.1331	1.1331						

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Manufacturing	47493.8	0.5122	4.6563	3.9113	0.0279		0.3539	0.3539		0.3539	0.3539						
Regional Shopping Center	3367.12	0.0363	0.3301	0.2773	1.9800e-003		0.0251	0.0251		0.0251	0.0251						
Regional Shopping Center	847	9.1300e-003	0.0830	0.0698	5.0000e-004		6.3100e-003	6.3100e-003		6.3100e-003	6.3100e-003						
Research & Development	2466.08	0.0266	0.2418	0.2031	1.4500e-003		0.0184	0.0184		0.0184	0.0184						
Research & Development	81126.3	0.8749	7.9536	6.6810	0.0477		0.6045	0.6045		0.6045	0.6045						
Hotel	16773.6	0.1809	1.6445	1.3814	9.8700e-003		0.1250	0.1250		0.1250	0.1250						
Total		1.6400	14.9092	12.5237	0.0895		1.1331	1.1331		1.1331	1.1331						

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Manufacturing	33.2893	0.3590	3.2637	2.7415	0.0196		0.2480	0.2480		0.2480	0.2480						
Regional Shopping Center	0.600343	6.4700e-003	0.0589	0.0494	3.5000e-004		4.4700e-003	4.4700e-003		4.4700e-003	4.4700e-003						
Regional Shopping Center	2.38658	0.0257	0.2340	0.1965	1.4000e-003		0.0178	0.0178		0.0178	0.0178						
Research & Development	1.72852	0.0186	0.1695	0.1424	1.0200e-003		0.0129	0.0129		0.0129	0.0129						
Research & Development	56.8629	0.6132	5.5748	4.6828	0.0335		0.4237	0.4237		0.4237	0.4237						
Hotel	11.7881	0.1271	1.1557	0.9708	6.9300e-003		0.0878	0.0878		0.0878	0.0878						
Total		1.1502	10.4564	8.7834	0.0627		0.7947	0.7947		0.7947	0.7947						

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Mitigated	65.7273	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004							
Unmitigated	70.1799	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004							

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	lb/day										lb/day						
Architectural Coating	10.6015					0.0000	0.0000		0.0000	0.0000							
Consumer Products	59.5531					0.0000	0.0000		0.0000	0.0000							
Landscaping	0.0252	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004							
Total	70.1799	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004							

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.6015					0.0000	0.0000		0.0000	0.0000						
Consumer Products	55.1006					0.0000	0.0000		0.0000	0.0000						
Landscaping	0.0252	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Total	65.7273	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Mace Ranch Innovation Center - Air Quality (UNMITIGATED)
Yolo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Research & Development	1,510.00	1000sqft	34.66	1,510,000.00	0
Research & Development	45.90	1000sqft	1.05	45,901.00	0
Manufacturing	884.00	1000sqft	20.29	884,000.00	0
Hotel	150.00	Room	5.00	217,800.00	0
Regional Shopping Center	100.00	1000sqft	2.30	100,000.00	0
Regional Shopping Center	25.16	1000sqft	0.58	25,155.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	54
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - *

On-road Fugitive Dust - all roadways would be paved

Grading - total project site (including Mace Triangle), with exception of PQP parcel = 224.42 acres

Vehicle Trips - based on VMT data from traffic consultant

Road Dust - all project roadways would be paved

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation - project required to comply with Tier 1 CALGreen Code standards

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	75.00	3,860.00
tblConstructionPhase	NumDays	1,110.00	3,860.00
tblConstructionPhase	NumDays	110.00	395.00
tblConstructionPhase	NumDays	75.00	280.00
tblConstructionPhase	NumDays	40.00	150.00
tblConstructionPhase	PhaseEndDate	4/1/2050	6/29/2035
tblConstructionPhase	PhaseStartDate	6/16/2035	9/12/2020
tblGrading	AcresOfGrading	987.50	224.42
tblLandUse	LandUseSquareFeet	45,900.00	45,901.00
tblLandUse	LandUseSquareFeet	25,160.00	25,155.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00

tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblRoadDust	RoadPercentPave	94	100
tblVehicleTrips	CC_TL	6.60	6.43
tblVehicleTrips	CC_TL	6.60	6.43
tblVehicleTrips	CC_TL	6.60	6.43
tblVehicleTrips	CC_TL	6.60	6.43
tblVehicleTrips	CNW_TL	6.60	6.43
tblVehicleTrips	CNW_TL	6.60	6.43
tblVehicleTrips	CNW_TL	6.60	6.43
tblVehicleTrips	CNW_TL	6.60	6.43
tblVehicleTrips	CW_TL	14.70	14.93
tblVehicleTrips	CW_TL	14.70	14.93
tblVehicleTrips	CW_TL	14.70	14.93
tblVehicleTrips	CW_TL	14.70	14.93

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	4.9033	51.8729	40.4339	0.0416	18.2962	2.7557	21.0519	9.9917	2.5353	12.5269						
2018	5.3531	59.6532	43.3280	0.0645	18.2962	2.7896	20.6630	9.9917	2.5665	12.1692						
2019	4.9483	54.3066	41.2095	0.0645	6.8801	2.5065	9.3866	3.4430	2.3060	5.7490						
2020	20.1406	52.2866	148.4425	0.2969	18.1011	1.7423	19.8434	4.8589	1.6350	6.4939						
2021	19.1647	45.6386	140.1016	0.2967	18.1016	1.5234	19.6250	4.8591	1.4291	6.2882						
2022	18.5228	41.0359	132.0392	0.2965	18.1021	1.3544	19.4564	4.8593	1.2701	6.1294						
2023	17.6643	37.4010	120.1886	0.2962	18.1023	1.2104	19.3127	4.8594	1.1346	5.9940						
2024	17.3536	35.9278	116.6686	0.2962	18.1029	1.1159	19.2188	4.8596	1.0448	5.9045						
2025	16.9963	34.4800	112.0338	0.2962	18.1034	1.0222	19.1256	4.8598	0.9562	5.8160						
2026	16.8644	34.1057	109.8203	0.2962	18.1037	1.0227	19.1264	4.8600	0.9567	5.8166						
2027	16.7831	33.8123	108.2540	0.2962	18.1041	1.0237	19.1278	4.8601	0.9576	5.8177						
2028	16.6946	33.5386	106.7632	0.2962	18.1044	1.0243	19.1287	4.8602	0.9582	5.8184						
2029	16.6128	33.2943	105.4514	0.2962	18.1047	1.0247	19.1293	4.8603	0.9585	5.8188						
2030	16.3922	28.2652	103.9837	0.3002	18.1049	0.6163	18.7212	4.8604	0.5812	5.4416						
2031	16.3428	28.0729	103.1555	0.3002	18.1052	0.6166	18.7217	4.8605	0.5814	5.4420						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2032	16.2974	27.9087	102.4307	0.3002	18.1055	0.6168	18.7223	4.8607	0.5816	5.4423						
2033	16.2404	27.7547	101.7660	0.3003	18.1058	0.6168	18.7226	4.8608	0.5817	5.4425						
2034	16.1795	27.6266	101.1702	0.3003	18.1060	0.6167	18.7227	4.8609	0.5816	5.4424						
2035	16.0058	26.6527	100.5849	0.3003	18.1062	0.5484	18.6547	4.8610	0.5133	5.3743						
Total	289.4599	713.6342	1,937.825 2	4.9357	333.1362	23.7473	356.4608	101.1873	22.1293	122.9277						

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	4.9033	51.8729	40.4339	0.0416	18.2962	2.7557	21.0519	9.9917	2.5353	12.5269						
2018	5.3531	59.6532	43.3280	0.0645	18.2962	2.7896	20.6630	9.9917	2.5665	12.1692						
2019	4.9483	54.3066	41.2095	0.0645	6.8801	2.5065	9.3866	3.4430	2.3060	5.7490						
2020	20.1406	52.2866	148.4425	0.2969	18.1011	1.7423	19.8434	4.8589	1.6350	6.4939						
2021	19.1647	45.6386	140.1016	0.2967	18.1016	1.5234	19.6250	4.8591	1.4291	6.2882						
2022	18.5228	41.0359	132.0392	0.2965	18.1021	1.3544	19.4564	4.8593	1.2701	6.1294						
2023	17.6643	37.4010	120.1886	0.2962	18.1023	1.2104	19.3127	4.8594	1.1346	5.9940						
2024	17.3536	35.9278	116.6686	0.2962	18.1029	1.1159	19.2188	4.8596	1.0448	5.9045						

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	70.1799	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Energy	1.6400	14.9092	12.5237	0.0895		1.1331	1.1331		1.1331	1.1331						
Mobile	52.7016	122.5205	605.7398	1.9718	135.0203	2.8124	137.8327	36.2289	2.5941	38.8229						
Total	124.5215	137.4322	618.5391	2.0613	135.0203	3.9465	138.9668	36.2289	3.7281	39.9570						

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	65.7273	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Energy	1.1502	10.4564	8.7834	0.0627		0.7947	0.7947		0.7947	0.7947						
Mobile	52.7016	122.5205	605.7398	1.9718	135.0203	2.8124	137.8327	36.2289	2.5941	38.8229						
Total	119.5791	132.9794	614.7988	2.0346	135.0203	3.6081	138.6284	36.2289	3.3897	39.6186						

	ROG	NOx	CO	SO2	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	3.97	3.24	0.60	1.30	0.00	8.57	0.24	0.00	9.08	0.85	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/3/2017	1/26/2018	5	150	
2	Grading	Grading	1/27/2018	8/2/2019	5	395	
3	Paving	Paving	8/3/2019	8/28/2020	5	280	
4	Building Construction	Building Construction	8/29/2020	6/15/2035	5	3860	
5	Architectural Coating	Architectural Coating	9/12/2020	6/29/2035	5	3860	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 224.42

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 4,174,284; Non-Residential Outdoor: 1,391,428 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,001.00	456.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	200.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339						
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0651	0.1195	1.0368	2.5400e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						
Total	0.0651	0.1195	1.0368	2.5400e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						

3.2 Site Preparation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339						
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0651	0.1195	1.0368	2.5400e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						
Total	0.0651	0.1195	1.0368	2.5400e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762						
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0572	0.1074	0.9191	2.5300e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						
Total	0.0572	0.1074	0.9191	2.5300e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						

3.2 Site Preparation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762						
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0572	0.1074	0.9191	2.5300e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						
Total	0.0572	0.1074	0.9191	2.5300e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650						
Total	5.2895	59.5338	42.3068	0.0617	6.6246	2.7880	9.4126	3.3753	2.5650	5.9403						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0635	0.1194	1.0212	2.8200e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						
Total	0.0635	0.1194	1.0212	2.8200e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						

3.3 Grading - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650						
Total	5.2895	59.5338	42.3068	0.0617	6.6246	2.7880	9.4126	3.3753	2.5650	5.9403						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0635	0.1194	1.0212	2.8200e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						
Total	0.0635	0.1194	1.0212	2.8200e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045						
Total	4.8912	54.1978	40.2888	0.0617	6.6246	2.5049	9.1295	3.3753	2.3045	5.6798						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0571	0.1088	0.9206	2.8000e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						
Total	0.0571	0.1088	0.9206	2.8000e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						

3.3 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045						
Total	4.8912	54.1978	40.2888	0.0617	6.6246	2.5049	9.1295	3.3753	2.3045	5.6798						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0571	0.1088	0.9206	2.8000e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						
Total	0.0571	0.1088	0.9206	2.8000e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						

3.4 Paving - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0428	0.0816	0.6905	2.1000e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						
Total	0.0428	0.0816	0.6905	2.1000e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						

3.4 Paving - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0428	0.0816	0.6905	2.1000e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						
Total	0.0428	0.0816	0.6905	2.1000e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						

3.4 Paving - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0394	0.0751	0.6324	2.1000e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						
Total	0.0394	0.0751	0.6324	2.1000e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						

3.4 Paving - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0394	0.0751	0.6324	2.1000e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						
Total	0.0394	0.0751	0.6324	2.1000e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						

3.5 Building Construction - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	4.6095	25.5056	79.1681	0.0988	2.7607	0.4244	3.1851	0.7908	0.3903	1.1811						
Worker	2.6279	5.0119	42.2025	0.1403	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	7.2374	30.5174	121.3706	0.2391	15.5465	0.5029	16.0494	4.1814	0.4631	4.6445						

3.5 Building Construction - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	4.6095	25.5056	79.1681	0.0988	2.7607	0.4244	3.1851	0.7908	0.3903	1.1811						
Worker	2.6279	5.0119	42.2025	0.1403	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	7.2374	30.5174	121.3706	0.2391	15.5465	0.5029	16.0494	4.1814	0.4631	4.6445						

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	4.0575	21.1583	74.4650	0.0986	2.7612	0.3803	3.1414	0.7910	0.3499	1.1408						
Worker	2.4758	4.6784	39.4077	0.1403	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	6.5333	25.8368	113.8727	0.2389	15.5470	0.4587	16.0057	4.1816	0.4226	4.6042						

3.5 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	4.0575	21.1583	74.4650	0.0986	2.7612	0.3803	3.1414	0.7910	0.3499	1.1408						
Worker	2.4758	4.6784	39.4077	0.1403	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	6.5333	25.8368	113.8727	0.2389	15.5470	0.4587	16.0057	4.1816	0.4226	4.6042						

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.7840	18.8228	69.5655	0.0984	2.7616	0.3726	3.1342	0.7912	0.3428	1.1340						
Worker	2.3423	4.3910	36.9499	0.1403	12.7858	0.0786	12.8644	3.3907	0.0729	3.4636						
Total	6.1263	23.2137	106.5154	0.2387	15.5475	0.4512	15.9987	4.1818	0.4157	4.5975						

3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.7840	18.8228	69.5655	0.0984	2.7616	0.3726	3.1342	0.7912	0.3428	1.1340						
Worker	2.3423	4.3910	36.9499	0.1403	12.7858	0.0786	12.8644	3.3907	0.0729	3.4636						
Total	6.1263	23.2137	106.5154	0.2387	15.5475	0.4512	15.9987	4.1818	0.4157	4.5975						

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.2198	16.8231	60.5443	0.0981	2.7619	0.3483	3.1102	0.7913	0.3205	1.1117						
Worker	2.2187	4.1360	34.6924	0.1403	12.7858	0.0788	12.8646	3.3907	0.0731	3.4638						
Total	5.4384	20.9591	95.2367	0.2384	15.5477	0.4271	15.9748	4.1819	0.3935	4.5755						

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.2198	16.8231	60.5443	0.0981	2.7619	0.3483	3.1102	0.7913	0.3205	1.1117						
Worker	2.2187	4.1360	34.6924	0.1403	12.7858	0.0788	12.8646	3.3907	0.0731	3.4638						
Total	5.4384	20.9591	95.2367	0.2384	15.5477	0.4271	15.9748	4.1819	0.3935	4.5755						

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.1481	16.6276	59.2453	0.0981	2.7625	0.3495	3.1120	0.7915	0.3215	1.1130						
Worker	2.1126	3.9206	32.9054	0.1403	12.7858	0.0791	12.8649	3.3907	0.0734	3.4641						
Total	5.2607	20.5482	92.1508	0.2384	15.5483	0.4286	15.9769	4.1822	0.3949	4.5771						

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.1481	16.6276	59.2453	0.0981	2.7625	0.3495	3.1120	0.7915	0.3215	1.1130						
Worker	2.1126	3.9206	32.9054	0.1403	12.7858	0.0791	12.8649	3.3907	0.0734	3.4641						
Total	5.2607	20.5482	92.1508	0.2384	15.5483	0.4286	15.9769	4.1822	0.3949	4.5771						

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.0116	16.4392	56.4659	0.0981	2.7630	0.3502	3.1132	0.7917	0.3222	1.1139						
Worker	2.0233	3.7387	31.4277	0.1402	12.7858	0.0796	12.8654	3.3907	0.0738	3.4645						
Total	5.0349	20.1778	87.8936	0.2383	15.5488	0.4298	15.9786	4.1824	0.3960	4.5784						

3.5 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.0116	16.4392	56.4659	0.0981	2.7630	0.3502	3.1132	0.7917	0.3222	1.1139						
Worker	2.0233	3.7387	31.4277	0.1402	12.7858	0.0796	12.8654	3.3907	0.0738	3.4645						
Total	5.0349	20.1778	87.8936	0.2383	15.5488	0.4298	15.9786	4.1824	0.3960	4.5784						

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9740	16.2484	55.7255	0.0981	2.7633	0.3499	3.1132	0.7918	0.3219	1.1137						
Worker	1.9447	3.5856	30.2000	0.1402	12.7858	0.0803	12.8661	3.3907	0.0745	3.4651						
Total	4.9187	19.8341	85.9254	0.2384	15.5491	0.4302	15.9793	4.1825	0.3964	4.5789						

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9740	16.2484	55.7255	0.0981	2.7633	0.3499	3.1132	0.7918	0.3219	1.1137						
Worker	1.9447	3.5856	30.2000	0.1402	12.7858	0.0803	12.8661	3.3907	0.0745	3.4651						
Total	4.9187	19.8341	85.9254	0.2384	15.5491	0.4302	15.9793	4.1825	0.3964	4.5789						

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9808	16.1194	55.4657	0.0981	2.7636	0.3502	3.1139	0.7920	0.3222	1.1142						
Worker	1.8713	3.4486	29.1110	0.1402	12.7858	0.0809	12.8667	3.3907	0.0750	3.4657						
Total	4.8521	19.5681	84.5767	0.2384	15.5494	0.4311	15.9805	4.1826	0.3972	4.5799						

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9808	16.1194	55.4657	0.0981	2.7636	0.3502	3.1139	0.7920	0.3222	1.1142						
Worker	1.8713	3.4486	29.1110	0.1402	12.7858	0.0809	12.8667	3.3907	0.0750	3.4657						
Total	4.8521	19.5681	84.5767	0.2384	15.5494	0.4311	15.9805	4.1826	0.3972	4.5799						

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9733	15.9965	55.1270	0.0982	2.7640	0.3502	3.1141	0.7921	0.3222	1.1143						
Worker	1.8038	3.3230	28.1507	0.1402	12.7858	0.0814	12.8672	3.3907	0.0755	3.4662						
Total	4.7771	19.3195	83.2777	0.2384	15.5498	0.4316	15.9813	4.1828	0.3977	4.5804						

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9733	15.9965	55.1270	0.0982	2.7640	0.3502	3.1141	0.7921	0.3222	1.1143						
Worker	1.8038	3.3230	28.1507	0.1402	12.7858	0.0814	12.8672	3.3907	0.0755	3.4662						
Total	4.7771	19.3195	83.2777	0.2384	15.5498	0.4316	15.9813	4.1828	0.3977	4.5804						

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9709	15.8980	54.9273	0.0982	2.7642	0.3501	3.1144	0.7922	0.3221	1.1143						
Worker	1.7376	3.2014	27.2238	0.1402	12.7858	0.0817	12.8675	3.3907	0.0758	3.4665						
Total	4.7085	19.0995	82.1511	0.2384	15.5500	0.4319	15.9819	4.1829	0.3979	4.5808						

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9709	15.8980	54.9273	0.0982	2.7642	0.3501	3.1144	0.7922	0.3221	1.1143						
Worker	1.7376	3.2014	27.2238	0.1402	12.7858	0.0817	12.8675	3.3907	0.0758	3.4665						
Total	4.7085	19.0995	82.1511	0.2384	15.5500	0.4319	15.9819	4.1829	0.3979	4.5808						

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9196	15.7774	54.3081	0.0982	2.7644	0.3500	3.1144	0.7923	0.3220	1.1143						
Worker	1.6778	3.0952	26.4598	0.1402	12.7858	0.0820	12.8678	3.3907	0.0761	3.4668						
Total	4.5973	18.8726	80.7679	0.2384	15.5502	0.4320	15.9822	4.1830	0.3981	4.5810						

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9196	15.7774	54.3081	0.0982	2.7644	0.3500	3.1144	0.7923	0.3220	1.1143						
Worker	1.6778	3.0952	26.4598	0.1402	12.7858	0.0820	12.8678	3.3907	0.0761	3.4668						
Total	4.5973	18.8726	80.7679	0.2384	15.5502	0.4320	15.9822	4.1830	0.3981	4.5810						

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9382	15.7074	54.3320	0.0982	2.7648	0.3501	3.1149	0.7924	0.3221	1.1145						
Worker	1.6211	2.9933	25.7496	0.1402	12.7858	0.0821	12.8680	3.3907	0.0762	3.4669						
Total	4.5593	18.7007	80.0816	0.2384	15.5506	0.4322	15.9828	4.1831	0.3983	4.5814						

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9382	15.7074	54.3320	0.0982	2.7648	0.3501	3.1149	0.7924	0.3221	1.1145						
Worker	1.6211	2.9933	25.7496	0.1402	12.7858	0.0821	12.8680	3.3907	0.0762	3.4669						
Total	4.5593	18.7007	80.0816	0.2384	15.5506	0.4322	15.9828	4.1831	0.3983	4.5814						

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9548	15.6501	54.3420	0.0982	2.7651	0.3502	3.1153	0.7926	0.3222	1.1148						
Worker	1.5694	2.9042	25.1372	0.1402	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.5242	18.5543	79.4792	0.2384	15.5509	0.4324	15.9833	4.1832	0.3985	4.5817						

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9548	15.6501	54.3420	0.0982	2.7651	0.3502	3.1153	0.7926	0.3222	1.1148						
Worker	1.5694	2.9042	25.1372	0.1402	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.5242	18.5543	79.4792	0.2384	15.5509	0.4324	15.9833	4.1832	0.3985	4.5817						

3.5 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9555	15.5839	54.2735	0.0982	2.7654	0.3502	3.1156	0.7927	0.3222	1.1149						
Worker	1.5213	2.8310	24.6403	0.1402	12.7858	0.0822	12.8681	3.3907	0.0763	3.4670						
Total	4.4768	18.4149	78.9138	0.2384	15.5512	0.4325	15.9837	4.1833	0.3985	4.5818						

3.5 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9555	15.5839	54.2735	0.0982	2.7654	0.3502	3.1156	0.7927	0.3222	1.1149						
Worker	1.5213	2.8310	24.6403	0.1402	12.7858	0.0822	12.8681	3.3907	0.0763	3.4670						
Total	4.4768	18.4149	78.9138	0.2384	15.5512	0.4325	15.9837	4.1833	0.3985	4.5818						

3.5 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9530	15.5297	54.2487	0.0983	2.7656	0.3502	3.1158	0.7928	0.3222	1.1149						
Worker	1.4726	2.7694	24.1644	0.1402	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.4257	18.2991	78.4131	0.2385	15.5514	0.4324	15.9838	4.1834	0.3984	4.5819						

3.5 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9530	15.5297	54.2487	0.0983	2.7656	0.3502	3.1158	0.7928	0.3222	1.1149						
Worker	1.4726	2.7694	24.1644	0.1402	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.4257	18.2991	78.4131	0.2385	15.5514	0.4324	15.9838	4.1834	0.3984	4.5819						

3.5 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9359	15.4790	54.2012	0.0983	2.7658	0.3500	3.1158	0.7928	0.3220	1.1148						
Worker	1.4295	2.7213	23.7516	0.1402	12.7858	0.0821	12.8679	3.3907	0.0762	3.4668						
Total	4.3653	18.2003	77.9528	0.2385	15.5516	0.4321	15.9837	4.1835	0.3981	4.5817						

3.5 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9359	15.4790	54.2012	0.0983	2.7658	0.3500	3.1158	0.7928	0.3220	1.1148						
Worker	1.4295	2.7213	23.7516	0.1402	12.7858	0.0821	12.8679	3.3907	0.0762	3.4668						
Total	4.3653	18.2003	77.9528	0.2385	15.5516	0.4321	15.9837	4.1835	0.3981	4.5817						

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						
Total	10.2670	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5251	1.0014	8.4321	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.5251	1.0014	8.4321	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						
Total	10.2670	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5251	1.0014	8.4321	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.5251	1.0014	8.4321	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						
Total	10.2437	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4947	0.9348	7.8737	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.4947	0.9348	7.8737	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						
Total	10.2437	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4947	0.9348	7.8737	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.4947	0.9348	7.8737	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						
Total	10.2293	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4680	0.8773	7.3826	0.0280	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						
Total	0.4680	0.8773	7.3826	0.0280	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						

3.6 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						
Total	10.2293	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4680	0.8773	7.3826	0.0280	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						
Total	0.4680	0.8773	7.3826	0.0280	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						
Total	10.2164	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4433	0.8264	6.9315	0.0280	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						
Total	0.4433	0.8264	6.9315	0.0280	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						

3.6 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						
Total	10.2164	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4433	0.8264	6.9315	0.0280	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						
Total	0.4433	0.8264	6.9315	0.0280	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	10.2055	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4221	0.7834	6.5745	0.0280	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						
Total	0.4221	0.7834	6.5745	0.0280	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						

3.6 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	10.2055	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4221	0.7834	6.5745	0.0280	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						
Total	0.4221	0.7834	6.5745	0.0280	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4043	0.7470	6.2793	0.0280	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						
Total	0.4043	0.7470	6.2793	0.0280	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						

3.6 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4043	0.7470	6.2793	0.0280	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						
Total	0.4043	0.7470	6.2793	0.0280	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3886	0.7164	6.0340	0.0280	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						
Total	0.3886	0.7164	6.0340	0.0280	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						

3.6 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3886	0.7164	6.0340	0.0280	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						
Total	0.3886	0.7164	6.0340	0.0280	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3739	0.6890	5.8164	0.0280	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						
Total	0.3739	0.6890	5.8164	0.0280	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						

3.6 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3739	0.6890	5.8164	0.0280	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						
Total	0.3739	0.6890	5.8164	0.0280	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						

3.6 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3604	0.6639	5.6245	0.0280	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						
Total	0.3604	0.6639	5.6245	0.0280	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						

3.6 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3604	0.6639	5.6245	0.0280	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						
Total	0.3604	0.6639	5.6245	0.0280	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3472	0.6397	5.4393	0.0280	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						
Total	0.3472	0.6397	5.4393	0.0280	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						

3.6 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3472	0.6397	5.4393	0.0280	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						
Total	0.3472	0.6397	5.4393	0.0280	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						

3.6 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3352	0.6184	5.2867	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3352	0.6184	5.2867	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3352	0.6184	5.2867	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3352	0.6184	5.2867	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3239	0.5981	5.1448	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3239	0.5981	5.1448	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3239	0.5981	5.1448	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3239	0.5981	5.1448	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 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	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3136	0.5803	5.0224	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3136	0.5803	5.0224	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3136	0.5803	5.0224	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3136	0.5803	5.0224	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3040	0.5656	4.9231	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3040	0.5656	4.9231	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3040	0.5656	4.9231	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3040	0.5656	4.9231	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.2942	0.5533	4.8280	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.2942	0.5533	4.8280	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.2942	0.5533	4.8280	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.2942	0.5533	4.8280	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						
Total	10.1426	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.2856	0.5437	4.7456	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.2856	0.5437	4.7456	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						
Total	10.1426	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.2856	0.5437	4.7456	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.2856	0.5437	4.7456	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	52.7016	122.5205	605.7398	1.9718	135.0203	2.8124	137.8327	36.2289	2.5941	38.8229						
Unmitigated	52.7016	122.5205	605.7398	1.9718	135.0203	2.8124	137.8327	36.2289	2.5941	38.8229						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,225.50	1,228.50	892.50	2,340,767	2,340,767
Manufacturing	3,376.88	1,317.16	548.08	10,408,376	10,408,376
Regional Shopping Center	4,294.00	4,997.00	2524.00	7,409,861	7,409,861
Regional Shopping Center	1,080.37	1,257.25	635.04	1,864,321	1,864,321
Research & Development	12,246.10	2,869.00	1676.10	27,095,907	27,095,907
Research & Development	372.25	87.21	50.95	823,644	823,644
Total	22,595.10	11,756.12	6,326.67	49,942,875	49,942,875

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
Hotel	14.93	6.43	6.43	19.40	61.60	19.00	58	38	4
Manufacturing	14.93	6.43	6.43	59.00	28.00	13.00	92	5	3
Regional Shopping Center	14.93	6.43	6.43	16.30	64.70	19.00	54	35	11
Regional Shopping Center	14.93	6.43	6.43	16.30	64.70	19.00	54	35	11
Research & Development	14.93	6.43	6.43	33.00	48.00	19.00	82	15	3
Research & Development	14.93	6.43	6.43	33.00	48.00	19.00	82	15	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.482064	0.068502	0.148828	0.142624	0.058603	0.006592	0.039838	0.040189	0.000921	0.001765	0.007545	0.000550	0.001979

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.1502	10.4564	8.7834	0.0627		0.7947	0.7947		0.7947	0.7947						
NaturalGas Unmitigated	1.6400	14.9092	12.5237	0.0895		1.1331	1.1331		1.1331	1.1331						

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Manufacturing	47493.8	0.5122	4.6563	3.9113	0.0279		0.3539	0.3539		0.3539	0.3539						
Regional Shopping Center	3367.12	0.0363	0.3301	0.2773	1.9800e-003		0.0251	0.0251		0.0251	0.0251						
Regional Shopping Center	847	9.1300e-003	0.0830	0.0698	5.0000e-004		6.3100e-003	6.3100e-003		6.3100e-003	6.3100e-003						
Research & Development	2466.08	0.0266	0.2418	0.2031	1.4500e-003		0.0184	0.0184		0.0184	0.0184						
Research & Development	81126.3	0.8749	7.9536	6.6810	0.0477		0.6045	0.6045		0.6045	0.6045						
Hotel	16773.6	0.1809	1.6445	1.3814	9.8700e-003		0.1250	0.1250		0.1250	0.1250						
Total		1.6400	14.9092	12.5237	0.0895		1.1331	1.1331		1.1331	1.1331						

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Manufacturing	33.2893	0.3590	3.2637	2.7415	0.0196		0.2480	0.2480		0.2480	0.2480						
Regional Shopping Center	0.600343	6.4700e-003	0.0589	0.0494	3.5000e-004		4.4700e-003	4.4700e-003		4.4700e-003	4.4700e-003						
Regional Shopping Center	2.38658	0.0257	0.2340	0.1965	1.4000e-003		0.0178	0.0178		0.0178	0.0178						
Research & Development	1.72852	0.0186	0.1695	0.1424	1.0200e-003		0.0129	0.0129		0.0129	0.0129						
Research & Development	56.8629	0.6132	5.5748	4.6828	0.0335		0.4237	0.4237		0.4237	0.4237						
Hotel	11.7881	0.1271	1.1557	0.9708	6.9300e-003		0.0878	0.0878		0.0878	0.0878						
Total		1.1502	10.4564	8.7834	0.0627		0.7947	0.7947		0.7947	0.7947						

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	65.7273	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Unmitigated	70.1799	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.6015					0.0000	0.0000		0.0000	0.0000						
Consumer Products	59.5531					0.0000	0.0000		0.0000	0.0000						
Landscaping	0.0252	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Total	70.1799	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.6015					0.0000	0.0000		0.0000	0.0000						
Consumer Products	55.1006					0.0000	0.0000		0.0000	0.0000						
Landscaping	0.0252	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Total	65.7273	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Mace Ranch Innovation Center - Air Quality (UNMITIGATED)
Yolo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Research & Development	1,510.00	1000sqft	34.66	1,510,000.00	0
Research & Development	45.90	1000sqft	1.05	45,901.00	0
Manufacturing	884.00	1000sqft	20.29	884,000.00	0
Hotel	150.00	Room	5.00	217,800.00	0
Regional Shopping Center	100.00	1000sqft	2.30	100,000.00	0
Regional Shopping Center	25.16	1000sqft	0.58	25,155.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	54
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - *

On-road Fugitive Dust - all roadways would be paved

Grading - total project site (including Mace Triangle), with exception of PQP parcel = 224.42 acres

Vehicle Trips - based on VMT data from traffic consultant

Road Dust - all project roadways would be paved

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation - project required to comply with Tier 1 CALGreen Code standards

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	75.00	3,860.00
tblConstructionPhase	NumDays	1,110.00	3,860.00
tblConstructionPhase	NumDays	110.00	395.00
tblConstructionPhase	NumDays	75.00	280.00
tblConstructionPhase	NumDays	40.00	150.00
tblConstructionPhase	PhaseEndDate	4/1/2050	6/29/2035
tblConstructionPhase	PhaseStartDate	6/16/2035	9/12/2020
tblGrading	AcresOfGrading	987.50	224.42
tblLandUse	LandUseSquareFeet	45,900.00	45,901.00
tblLandUse	LandUseSquareFeet	25,160.00	25,155.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00

tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblRoadDust	RoadPercentPave	94	100
tblVehicleTrips	CC_TL	6.60	6.43
tblVehicleTrips	CC_TL	6.60	6.43
tblVehicleTrips	CC_TL	6.60	6.43
tblVehicleTrips	CC_TL	6.60	6.43
tblVehicleTrips	CNW_TL	6.60	6.43
tblVehicleTrips	CNW_TL	6.60	6.43
tblVehicleTrips	CNW_TL	6.60	6.43
tblVehicleTrips	CNW_TL	6.60	6.43
tblVehicleTrips	CW_TL	14.70	14.93
tblVehicleTrips	CW_TL	14.70	14.93
tblVehicleTrips	CW_TL	14.70	14.93
tblVehicleTrips	CW_TL	14.70	14.93

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					
2017	0.3186	3.3709	2.6268	2.7100e-003	1.3694	0.1791	1.5486	0.7487	0.1648	0.9134						
2018	0.6883	7.6437	5.5907	8.2000e-003	2.6954	0.3598	3.0552	1.4199	0.3310	1.7510						
2019	0.4594	4.9836	3.9776	6.2800e-003	1.3373	0.2364	1.5737	0.6743	0.2175	0.8918						
2020	0.9268	3.4646	6.8254	0.0154	0.7840	0.1408	0.9247	0.2110	0.1309	0.3419						
2021	2.4192	5.8306	15.3951	0.0394	2.2883	0.1984	2.4867	0.6160	0.1862	0.8021						
2022	2.3379	5.2195	14.5576	0.0392	2.2796	0.1757	2.4553	0.6136	0.1648	0.7784						
2023	2.2455	4.7567	13.5011	0.0392	2.2796	0.1571	2.4367	0.6136	0.1473	0.7609						
2024	2.2249	4.6051	13.2095	0.0395	2.2972	0.1459	2.4432	0.6184	0.1367	0.7550						
2025	2.1759	4.4027	12.7070	0.0393	2.2885	0.1332	2.4217	0.6161	0.1246	0.7406						
2026	2.1603	4.3573	12.4533	0.0393	2.2886	0.1332	2.4218	0.6161	0.1246	0.7407						
2027	2.1502	4.3217	12.2636	0.0393	2.2886	0.1334	2.4220	0.6161	0.1248	0.7408						
2028	2.1310	4.2721	12.0383	0.0392	2.2799	0.1329	2.4128	0.6137	0.1243	0.7381						
2029	2.1287	4.2590	11.9221	0.0393	2.2887	0.1335	2.4222	0.6161	0.1249	0.7410						
2030	2.1010	3.6051	11.7550	0.0398	2.2887	0.0802	2.3689	0.6161	0.0756	0.6918						
2031	2.0943	3.5819	11.6468	0.0399	2.2887	0.0802	2.3690	0.6161	0.0757	0.6918						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2032	2.0961	3.5757	11.5966	0.0400	2.2976	0.0806	2.3781	0.6185	0.0760	0.6945						
2033	2.0728	3.5298	11.4244	0.0397	2.2801	0.0800	2.3600	0.6138	0.0754	0.6892						
2034	2.0652	3.5143	11.3479	0.0397	2.2801	0.0799	2.3600	0.6138	0.0754	0.6892						
2035	0.9950	1.5702	5.2362	0.0185	1.0647	0.0329	1.0977	0.2866	0.0308	0.3174						
Total	33.7910	80.8644	200.0748	0.6038	39.2648	2.6932	41.9580	11.9586	2.5111	14.4697						

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					
2017	0.3186	3.3709	2.6268	2.7100e-003	1.3694	0.1791	1.5486	0.7487	0.1648	0.9134						
2018	0.6883	7.6436	5.5906	8.2000e-003	2.6954	0.3598	3.0552	1.4199	0.3310	1.7510						
2019	0.4594	4.9836	3.9775	6.2800e-003	1.3373	0.2364	1.5737	0.6743	0.2175	0.8918						
2020	0.9268	3.4646	6.8254	0.0154	0.7840	0.1408	0.9247	0.2110	0.1309	0.3419						
2021	2.4192	5.8306	15.3951	0.0394	2.2883	0.1984	2.4867	0.6160	0.1862	0.8021						
2022	2.3379	5.2195	14.5576	0.0392	2.2796	0.1757	2.4553	0.6136	0.1648	0.7784						
2023	2.2455	4.7567	13.5011	0.0392	2.2796	0.1571	2.4367	0.6136	0.1473	0.7609						
2024	2.2249	4.6051	13.2095	0.0395	2.2972	0.1459	2.4432	0.6184	0.1367	0.7550						

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	12.8055	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005							
Energy	0.2993	2.7209	2.2856	0.0163		0.2068	0.2068		0.2068	0.2068							
Mobile	7.3077	16.9182	75.6689	0.2891	18.8273	0.4036	19.2309	5.0657	0.3723	5.4380							
Waste						0.0000	0.0000		0.0000	0.0000							
Water						0.0000	0.0000		0.0000	0.0000							
Total	20.4125	19.6393	77.9793	0.3054	18.8273	0.6105	19.4378	5.0657	0.5792	5.6449							

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	11.9929	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005						
Energy	0.2099	1.9083	1.6030	0.0115		0.1450	0.1450		0.1450	0.1450						
Mobile	7.3077	16.9182	75.6689	0.2891	18.8273	0.4036	19.2309	5.0657	0.3723	5.4380						
Waste						0.0000	0.0000		0.0000	0.0000						
Water						0.0000	0.0000		0.0000	0.0000						
Total	19.5105	18.8267	77.2967	0.3005	18.8273	0.5487	19.3761	5.0657	0.5174	5.5831						

	ROG	NOx	CO	SO2	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	4.42	4.14	0.88	1.60	0.00	10.12	0.32	0.00	10.66	1.09	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/3/2017	1/26/2018	5	150	
2	Grading	Grading	1/27/2018	8/2/2019	5	395	
3	Paving	Paving	8/3/2019	8/28/2020	5	280	
4	Building Construction	Building Construction	8/29/2020	6/15/2035	5	3860	
5	Architectural Coating	Architectural Coating	9/12/2020	6/29/2035	5	3860	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 224.42

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 4,174,284; Non-Residential Outdoor: 1,391,428 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,001.00	456.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	200.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3550	0.0000	1.3550	0.7448	0.0000	0.7448						
Off-Road	0.3145	3.3640	2.5608	2.5400e-003		0.1790	0.1790		0.1647	0.1647						
Total	0.3145	3.3640	2.5608	2.5400e-003	1.3550	0.1790	1.5340	0.7448	0.1647	0.9095						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	4.0800e-003	6.9000e-003	0.0660	1.7000e-004	0.0145	1.0000e-004	0.0146	3.8500e-003	9.0000e-005	3.9300e-003						
Total	4.0800e-003	6.9000e-003	0.0660	1.7000e-004	0.0145	1.0000e-004	0.0146	3.8500e-003	9.0000e-005	3.9300e-003						

3.2 Site Preparation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3550	0.0000	1.3550	0.7448	0.0000	0.7448						
Off-Road	0.3145	3.3640	2.5608	2.5400e-003		0.1790	0.1790		0.1647	0.1647						
Total	0.3145	3.3640	2.5608	2.5400e-003	1.3550	0.1790	1.5340	0.7448	0.1647	0.9095						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	4.0800e-003	6.9000e-003	0.0660	1.7000e-004	0.0145	1.0000e-004	0.0146	3.8500e-003	9.0000e-005	3.9300e-003						
Total	4.0800e-003	6.9000e-003	0.0660	1.7000e-004	0.0145	1.0000e-004	0.0146	3.8500e-003	9.0000e-005	3.9300e-003						

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3550	0.0000	1.3550	0.7448	0.0000	0.7448						
Off-Road	0.0429	0.4561	0.3624	3.9000e-004		0.0237	0.0237		0.0218	0.0218						
Total	0.0429	0.4561	0.3624	3.9000e-004	1.3550	0.0237	1.3786	0.7448	0.0218	0.7666						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	5.5000e-004	9.5000e-004	9.0600e-003	3.0000e-005	2.2300e-003	1.0000e-005	2.2400e-003	5.9000e-004	1.0000e-005	6.1000e-004						
Total	5.5000e-004	9.5000e-004	9.0600e-003	3.0000e-005	2.2300e-003	1.0000e-005	2.2400e-003	5.9000e-004	1.0000e-005	6.1000e-004						

3.2 Site Preparation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3550	0.0000	1.3550	0.7448	0.0000	0.7448						
Off-Road	0.0429	0.4561	0.3624	3.9000e-004		0.0237	0.0237		0.0218	0.0218						
Total	0.0429	0.4561	0.3624	3.9000e-004	1.3550	0.0237	1.3786	0.7448	0.0218	0.7666						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	5.5000e-004	9.5000e-004	9.0600e-003	3.0000e-005	2.2300e-003	1.0000e-005	2.2400e-003	5.9000e-004	1.0000e-005	6.1000e-004						
Total	5.5000e-004	9.5000e-004	9.0600e-003	3.0000e-005	2.2300e-003	1.0000e-005	2.2400e-003	5.9000e-004	1.0000e-005	6.1000e-004						

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3084	0.0000	1.3084	0.6666	0.0000	0.6666						
Off-Road	0.6374	7.1738	5.0980	7.4400e-003		0.3360	0.3360		0.3091	0.3091						
Total	0.6374	7.1738	5.0980	7.4400e-003	1.3084	0.3360	1.6443	0.6666	0.3091	0.9757						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	7.4200e-003	0.0128	0.1213	3.5000e-004	0.0298	2.0000e-004	0.0300	7.9200e-003	1.8000e-004	8.1000e-003						
Total	7.4200e-003	0.0128	0.1213	3.5000e-004	0.0298	2.0000e-004	0.0300	7.9200e-003	1.8000e-004	8.1000e-003						

3.3 Grading - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3084	0.0000	1.3084	0.6666	0.0000	0.6666						
Off-Road	0.6374	7.1738	5.0980	7.4400e-003		0.3360	0.3360		0.3091	0.3091						
Total	0.6374	7.1738	5.0980	7.4400e-003	1.3084	0.3360	1.6443	0.6666	0.3091	0.9757						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	7.4200e-003	0.0128	0.1213	3.5000e-004	0.0298	2.0000e-004	0.0300	7.9200e-003	1.8000e-004	8.1000e-003						
Total	7.4200e-003	0.0128	0.1213	3.5000e-004	0.0298	2.0000e-004	0.0300	7.9200e-003	1.8000e-004	8.1000e-003						

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3084	0.0000	1.3084	0.6666	0.0000	0.6666						
Off-Road	0.3766	4.1732	3.1022	4.7500e-003		0.1929	0.1929		0.1775	0.1775						
Total	0.3766	4.1732	3.1022	4.7500e-003	1.3084	0.1929	1.5012	0.6666	0.1775	0.8441						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	4.2800e-003	7.4400e-003	0.0702	2.2000e-004	0.0190	1.2000e-004	0.0192	5.0600e-003	1.1000e-004	5.1700e-003						
Total	4.2800e-003	7.4400e-003	0.0702	2.2000e-004	0.0190	1.2000e-004	0.0192	5.0600e-003	1.1000e-004	5.1700e-003						

3.3 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3084	0.0000	1.3084	0.6666	0.0000	0.6666						
Off-Road	0.3766	4.1732	3.1022	4.7500e-003		0.1929	0.1929		0.1775	0.1775						
Total	0.3766	4.1732	3.1022	4.7500e-003	1.3084	0.1929	1.5012	0.6666	0.1775	0.8441						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	4.2800e-003	7.4400e-003	0.0702	2.2000e-004	0.0190	1.2000e-004	0.0192	5.0600e-003	1.1000e-004	5.1700e-003						
Total	4.2800e-003	7.4400e-003	0.0702	2.2000e-004	0.0190	1.2000e-004	0.0192	5.0600e-003	1.1000e-004	5.1700e-003						

3.4 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0763	0.7990	0.7685	1.1900e-003		0.0433	0.0433		0.0398	0.0398						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.0763	0.7990	0.7685	1.1900e-003		0.0433	0.0433		0.0398	0.0398						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	2.2300e-003	3.8800e-003	0.0366	1.2000e-004	9.9200e-003	6.0000e-005	9.9800e-003	2.6400e-003	6.0000e-005	2.7000e-003						
Total	2.2300e-003	3.8800e-003	0.0366	1.2000e-004	9.9200e-003	6.0000e-005	9.9800e-003	2.6400e-003	6.0000e-005	2.7000e-003						

3.4 Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0763	0.7990	0.7685	1.1900e-003		0.0433	0.0433		0.0398	0.0398						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.0763	0.7990	0.7685	1.1900e-003		0.0433	0.0433		0.0398	0.0398						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	2.2300e-003	3.8800e-003	0.0366	1.2000e-004	9.9200e-003	6.0000e-005	9.9800e-003	2.6400e-003	6.0000e-005	2.7000e-003						
Total	2.2300e-003	3.8800e-003	0.0366	1.2000e-004	9.9200e-003	6.0000e-005	9.9800e-003	2.6400e-003	6.0000e-005	2.7000e-003						

3.4 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1151	1.1924	1.2415	1.9300e-003		0.0639	0.0639		0.0588	0.0588						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.1151	1.1924	1.2415	1.9300e-003		0.0639	0.0639		0.0588	0.0588						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	3.3300e-003	5.7700e-003	0.0544	1.9000e-004	0.0160	1.0000e-004	0.0161	4.2600e-003	9.0000e-005	4.3600e-003						
Total	3.3300e-003	5.7700e-003	0.0544	1.9000e-004	0.0160	1.0000e-004	0.0161	4.2600e-003	9.0000e-005	4.3600e-003						

3.4 Paving - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1151	1.1924	1.2415	1.9300e-003		0.0639	0.0639		0.0588	0.0588						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.1151	1.1924	1.2415	1.9300e-003		0.0639	0.0639		0.0588	0.0588						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	3.3300e-003	5.7700e-003	0.0544	1.9000e-004	0.0160	1.0000e-004	0.0161	4.2600e-003	9.0000e-005	4.3600e-003						
Total	3.3300e-003	5.7700e-003	0.0544	1.9000e-004	0.0160	1.0000e-004	0.0161	4.2600e-003	9.0000e-005	4.3600e-003						

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0940	0.8492	0.7480	1.1900e-003		0.0495	0.0495		0.0466	0.0466						
Total	0.0940	0.8492	0.7480	1.1900e-003		0.0495	0.0495		0.0466	0.0466						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1746	1.1173	2.5123	4.4000e-003	0.1196	0.0188	0.1383	0.0344	0.0172	0.0516						
Worker	0.1142	0.1982	1.8660	6.4200e-003	0.5507	3.4900e-003	0.5542	0.1464	3.2400e-003	0.1496						
Total	0.2887	1.3155	4.3783	0.0108	0.6703	0.0222	0.6925	0.1808	0.0205	0.2013						

3.5 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0940	0.8492	0.7480	1.1900e-003		0.0495	0.0495		0.0466	0.0466						
Total	0.0940	0.8492	0.7480	1.1900e-003		0.0495	0.0495		0.0466	0.0466						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1746	1.1173	2.5123	4.4000e-003	0.1196	0.0188	0.1383	0.0344	0.0172	0.0516						
Worker	0.1142	0.1982	1.8660	6.4200e-003	0.5507	3.4900e-003	0.5542	0.1464	3.2400e-003	0.1496						
Total	0.2887	1.3155	4.3783	0.0108	0.6703	0.0222	0.6925	0.1808	0.0205	0.2013						

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172						
Total	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.4565	2.7173	6.8566	0.0129	0.3507	0.0493	0.4000	0.1009	0.0453	0.1462						
Worker	0.3157	0.5427	5.1201	0.0188	1.6149	0.0102	1.6251	0.4293	9.4900e-003	0.4388						
Total	0.7723	3.2600	11.9767	0.0317	1.9656	0.0595	2.0251	0.5302	0.0548	0.5850						

3.5 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172						
Total	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.4565	2.7173	6.8566	0.0129	0.3507	0.0493	0.4000	0.1009	0.0453	0.1462						
Worker	0.3157	0.5427	5.1201	0.0188	1.6149	0.0102	1.6251	0.4293	9.4900e-003	0.4388						
Total	0.7723	3.2600	11.9767	0.0317	1.9656	0.0595	2.0251	0.5302	0.0548	0.5850						

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	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986						
Total	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.4299	2.4078	6.4496	0.0128	0.3495	0.0481	0.3975	0.1005	0.0443	0.1448						
Worker	0.2979	0.5075	4.7922	0.0188	1.6087	0.0102	1.6189	0.4277	9.4800e-003	0.4372						
Total	0.7277	2.9153	11.2417	0.0316	1.9582	0.0583	2.0165	0.5282	0.0537	0.5819						

3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986						
Total	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.4299	2.4078	6.4496	0.0128	0.3495	0.0481	0.3975	0.1005	0.0443	0.1448						
Worker	0.2979	0.5075	4.7922	0.0188	1.6087	0.0102	1.6189	0.4277	9.4800e-003	0.4372						
Total	0.7277	2.9153	11.2417	0.0316	1.9582	0.0583	2.0165	0.5282	0.0537	0.5819						

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	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852						
Total	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3750	2.1529	5.7480	0.0128	0.3495	0.0450	0.3945	0.1005	0.0414	0.1420						
Worker	0.2824	0.4782	4.5095	0.0188	1.6087	0.0102	1.6189	0.4277	9.5000e-003	0.4372						
Total	0.6574	2.6311	10.2574	0.0316	1.9582	0.0553	2.0135	0.5282	0.0509	0.5791						

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852						
Total	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3750	2.1529	5.7480	0.0128	0.3495	0.0450	0.3945	0.1005	0.0414	0.1420						
Worker	0.2824	0.4782	4.5095	0.0188	1.6087	0.0102	1.6189	0.4277	9.5000e-003	0.4372						
Total	0.6574	2.6311	10.2574	0.0316	1.9582	0.0553	2.0135	0.5282	0.0509	0.5791						

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	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752						
Total	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3708	2.1448	5.6788	0.0129	0.3523	0.0455	0.3978	0.1013	0.0419	0.1432						
Worker	0.2711	0.4569	4.3175	0.0189	1.6211	0.0104	1.6314	0.4310	9.6100e-003	0.4406						
Total	0.6419	2.6017	9.9963	0.0318	1.9733	0.0559	2.0292	0.5323	0.0515	0.5838						

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752						
Total	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3708	2.1448	5.6788	0.0129	0.3523	0.0455	0.3978	0.1013	0.0419	0.1432						
Worker	0.2711	0.4569	4.3175	0.0189	1.6211	0.0104	1.6314	0.4310	9.6100e-003	0.4406						
Total	0.6419	2.6017	9.9963	0.0318	1.9733	0.0559	2.0292	0.5323	0.0515	0.5838						

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3573	2.1129	5.4407	0.0128	0.3510	0.0455	0.3964	0.1010	0.0418	0.1428						
Worker	0.2587	0.4342	4.1136	0.0188	1.6149	0.0104	1.6253	0.4293	9.6300e-003	0.4390						
Total	0.6160	2.5470	9.5543	0.0317	1.9659	0.0558	2.0217	0.5303	0.0515	0.5817						

3.5 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3573	2.1129	5.4407	0.0128	0.3510	0.0455	0.3964	0.1010	0.0418	0.1428						
Worker	0.2587	0.4342	4.1136	0.0188	1.6149	0.0104	1.6253	0.4293	9.6300e-003	0.4390						
Total	0.6160	2.5470	9.5543	0.0317	1.9659	0.0558	2.0217	0.5303	0.0515	0.5817						

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3536	2.0887	5.3743	0.0128	0.3510	0.0454	0.3964	0.1010	0.0418	0.1428						
Worker	0.2488	0.4164	3.9575	0.0188	1.6149	0.0105	1.6254	0.4293	9.7200e-003	0.4390						
Total	0.6024	2.5051	9.3317	0.0317	1.9659	0.0559	2.0218	0.5303	0.0515	0.5818						

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3536	2.0887	5.3743	0.0128	0.3510	0.0454	0.3964	0.1010	0.0418	0.1428						
Worker	0.2488	0.4164	3.9575	0.0188	1.6149	0.0105	1.6254	0.4293	9.7200e-003	0.4390						
Total	0.6024	2.5051	9.3317	0.0317	1.9659	0.0559	2.0218	0.5303	0.0515	0.5818						

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3547	2.0721	5.3509	0.0128	0.3511	0.0455	0.3965	0.1010	0.0418	0.1428						
Worker	0.2394	0.4006	3.8189	0.0188	1.6149	0.0106	1.6254	0.4293	9.7900e-003	0.4391						
Total	0.5941	2.4727	9.1697	0.0317	1.9659	0.0560	2.0220	0.5303	0.0516	0.5819						

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3547	2.0721	5.3509	0.0128	0.3511	0.0455	0.3965	0.1010	0.0418	0.1428						
Worker	0.2394	0.4006	3.8189	0.0188	1.6149	0.0106	1.6254	0.4293	9.7900e-003	0.4391						
Total	0.5941	2.4727	9.1697	0.0317	1.9659	0.0560	2.0220	0.5303	0.0516	0.5819						

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	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642						
Total	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3528	2.0485	5.2986	0.0128	0.3498	0.0453	0.3950	0.1006	0.0417	0.1423						
Worker	0.2298	0.3846	3.6821	0.0188	1.6087	0.0106	1.6193	0.4277	9.8100e-003	0.4375						
Total	0.5826	2.4331	8.9807	0.0316	1.9585	0.0559	2.0143	0.5283	0.0515	0.5798						

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642						
Total	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3528	2.0485	5.2986	0.0128	0.3498	0.0453	0.3950	0.1006	0.0417	0.1423						
Worker	0.2298	0.3846	3.6821	0.0188	1.6087	0.0106	1.6193	0.4277	9.8100e-003	0.4375						
Total	0.5826	2.4331	8.9807	0.0316	1.9585	0.0559	2.0143	0.5283	0.0515	0.5798						

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3540	2.0438	5.2987	0.0129	0.3511	0.0455	0.3966	0.1010	0.0418	0.1428						
Worker	0.2221	0.3720	3.5778	0.0188	1.6149	0.0107	1.6256	0.4293	9.9000e-003	0.4392						
Total	0.5761	2.4157	8.8764	0.0317	1.9660	0.0561	2.0221	0.5303	0.0517	0.5821						

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3540	2.0438	5.2987	0.0129	0.3511	0.0455	0.3966	0.1010	0.0418	0.1428						
Worker	0.2221	0.3720	3.5778	0.0188	1.6149	0.0107	1.6256	0.4293	9.9000e-003	0.4392						
Total	0.5761	2.4157	8.8764	0.0317	1.9660	0.0561	2.0221	0.5303	0.0517	0.5821						

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	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3483	2.0285	5.2400	0.0129	0.3512	0.0454	0.3966	0.1010	0.0418	0.1428						
Worker	0.2143	0.3597	3.4800	0.0188	1.6149	0.0107	1.6256	0.4293	9.9300e-003	0.4392						
Total	0.5627	2.3882	8.7200	0.0317	1.9661	0.0561	2.0222	0.5304	0.0517	0.5821						

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3483	2.0285	5.2400	0.0129	0.3512	0.0454	0.3966	0.1010	0.0418	0.1428						
Worker	0.2143	0.3597	3.4800	0.0188	1.6149	0.0107	1.6256	0.4293	9.9300e-003	0.4392						
Total	0.5627	2.3882	8.7200	0.0317	1.9661	0.0561	2.0222	0.5304	0.0517	0.5821						

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	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3505	2.0194	5.2407	0.0129	0.3512	0.0455	0.3967	0.1011	0.0418	0.1429						
Worker	0.2069	0.3479	3.3892	0.0188	1.6149	0.0107	1.6256	0.4293	9.9500e-003	0.4393						
Total	0.5574	2.3673	8.6299	0.0317	1.9661	0.0562	2.0223	0.5304	0.0518	0.5821						

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3505	2.0194	5.2407	0.0129	0.3512	0.0455	0.3967	0.1011	0.0418	0.1429						
Worker	0.2069	0.3479	3.3892	0.0188	1.6149	0.0107	1.6256	0.4293	9.9500e-003	0.4393						
Total	0.5574	2.3673	8.6299	0.0317	1.9661	0.0562	2.0223	0.5304	0.0518	0.5821						

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	0.1708	1.0372	2.1132	4.0400e-003		0.0193	0.0193		0.0193	0.0193						
Total	0.1708	1.0372	2.1132	4.0400e-003		0.0193	0.0193		0.0193	0.0193						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3539	2.0197	5.2603	0.0129	0.3526	0.0456	0.3982	0.1015	0.0420	0.1435						
Worker	0.2009	0.3389	3.3236	0.0189	1.6211	0.0108	1.6319	0.4310	9.9900e-003	0.4410						
Total	0.5547	2.3586	8.5838	0.0318	1.9737	0.0564	2.0301	0.5324	0.0520	0.5844						

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0372	2.1132	4.0400e-003		0.0193	0.0193		0.0193	0.0193						
Total	0.1708	1.0372	2.1132	4.0400e-003		0.0193	0.0193		0.0193	0.0193						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3539	2.0197	5.2603	0.0129	0.3526	0.0456	0.3982	0.1015	0.0420	0.1435						
Worker	0.2009	0.3389	3.3236	0.0189	1.6211	0.0108	1.6319	0.4310	9.9900e-003	0.4410						
Total	0.5547	2.3586	8.5838	0.0318	1.9737	0.0564	2.0301	0.5324	0.0520	0.5844						

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	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3513	1.9958	5.2124	0.0128	0.3499	0.0453	0.3952	0.1007	0.0417	0.1424						
Worker	0.1932	0.3279	3.2349	0.0188	1.6087	0.0107	1.6194	0.4277	9.9200e-003	0.4376						
Total	0.5445	2.3237	8.4473	0.0316	1.9586	0.0560	2.0146	0.5284	0.0516	0.5800						

3.5 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3513	1.9958	5.2124	0.0128	0.3499	0.0453	0.3952	0.1007	0.0417	0.1424						
Worker	0.1932	0.3279	3.2349	0.0188	1.6087	0.0107	1.6194	0.4277	9.9200e-003	0.4376						
Total	0.5445	2.3237	8.4473	0.0316	1.9586	0.0560	2.0146	0.5284	0.0516	0.5800						

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	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3511	1.9889	5.2088	0.0128	0.3500	0.0453	0.3953	0.1007	0.0417	0.1424						
Worker	0.1870	0.3208	3.1742	0.0188	1.6087	0.0107	1.6194	0.4277	9.9100e-003	0.4376						
Total	0.5380	2.3096	8.3830	0.0316	1.9587	0.0560	2.0146	0.5284	0.0516	0.5800						

3.5 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3511	1.9889	5.2088	0.0128	0.3500	0.0453	0.3953	0.1007	0.0417	0.1424						
Worker	0.1870	0.3208	3.1742	0.0188	1.6087	0.0107	1.6194	0.4277	9.9100e-003	0.4376						
Total	0.5380	2.3096	8.3830	0.0316	1.9587	0.0560	2.0146	0.5284	0.0516	0.5800						

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	0.0727	0.4291	0.9655	1.8500e-003		5.4000e-003	5.4000e-003		5.4000e-003	5.4000e-003						
Total	0.0727	0.4291	0.9655	1.8500e-003		5.4000e-003	5.4000e-003		5.4000e-003	5.4000e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1612	0.9149	2.4015	5.9100e-003	0.1615	0.0209	0.1824	0.0465	0.0192	0.0657						
Worker	0.0838	0.1455	1.4407	8.6600e-003	0.7425	4.9300e-003	0.7474	0.1974	4.5700e-003	0.2020						
Total	0.2449	1.0604	3.8422	0.0146	0.9040	0.0258	0.9298	0.2439	0.0238	0.2677						

3.5 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0727	0.4291	0.9655	1.8500e-003		5.4000e-003	5.4000e-003		5.4000e-003	5.4000e-003						
Total	0.0727	0.4291	0.9655	1.8500e-003		5.4000e-003	5.4000e-003		5.4000e-003	5.4000e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1612	0.9149	2.4015	5.9100e-003	0.1615	0.0209	0.1824	0.0465	0.0192	0.0657						
Worker	0.0838	0.1455	1.4407	8.6600e-003	0.7425	4.9300e-003	0.7474	0.1974	4.5700e-003	0.2020						
Total	0.2449	1.0604	3.8422	0.0146	0.9040	0.0258	0.9298	0.2439	0.0238	0.2677						

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3960					0.0000	0.0000		0.0000	0.0000						
Off-Road	9.5700e-003	0.0665	0.0723	1.2000e-004		4.3800e-003	4.3800e-003		4.3800e-003	4.3800e-003						
Total	0.4056	0.0665	0.0723	1.2000e-004		4.3800e-003	4.3800e-003		4.3800e-003	4.3800e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0203	0.0352	0.3309	1.1400e-003	0.0977	6.2000e-004	0.0983	0.0260	5.7000e-004	0.0265						
Total	0.0203	0.0352	0.3309	1.1400e-003	0.0977	6.2000e-004	0.0983	0.0260	5.7000e-004	0.0265						

3.6 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3960					0.0000	0.0000		0.0000	0.0000						
Off-Road	9.5700e-003	0.0665	0.0723	1.2000e-004		4.3800e-003	4.3800e-003		4.3800e-003	4.3800e-003						
Total	0.4056	0.0665	0.0723	1.2000e-004		4.3800e-003	4.3800e-003		4.3800e-003	4.3800e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0203	0.0352	0.3309	1.1400e-003	0.0977	6.2000e-004	0.0983	0.0260	5.7000e-004	0.0265						
Total	0.0203	0.0352	0.3309	1.1400e-003	0.0977	6.2000e-004	0.0983	0.0260	5.7000e-004	0.0265						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123						
Total	1.3368	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0631	0.1084	1.0230	3.7600e-003	0.3227	2.0500e-003	0.3247	0.0858	1.9000e-003	0.0877						
Total	0.0631	0.1084	1.0230	3.7600e-003	0.3227	2.0500e-003	0.3247	0.0858	1.9000e-003	0.0877						

3.6 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123						
Total	1.3368	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0631	0.1084	1.0230	3.7600e-003	0.3227	2.0500e-003	0.3247	0.0858	1.9000e-003	0.0877						
Total	0.0631	0.1084	1.0230	3.7600e-003	0.3227	2.0500e-003	0.3247	0.0858	1.9000e-003	0.0877						

3.6 Architectural Coating - 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					
Archit. Coating	1.3032					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106						
Total	1.3298	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0595	0.1014	0.9575	3.7500e-003	0.3214	2.0400e-003	0.3235	0.0855	1.8900e-003	0.0873						
Total	0.0595	0.1014	0.9575	3.7500e-003	0.3214	2.0400e-003	0.3235	0.0855	1.8900e-003	0.0873						

3.6 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3032					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106						
Total	1.3298	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0595	0.1014	0.9575	3.7500e-003	0.3214	2.0400e-003	0.3235	0.0855	1.8900e-003	0.0873						
Total	0.0595	0.1014	0.9575	3.7500e-003	0.3214	2.0400e-003	0.3235	0.0855	1.8900e-003	0.0873						

3.6 Architectural Coating - 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					
Archit. Coating	1.3032					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0249	0.1694	0.2355	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003						
Total	1.3281	0.1694	0.2355	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0564	0.0956	0.9010	3.7500e-003	0.3214	2.0500e-003	0.3235	0.0855	1.9000e-003	0.0874						
Total	0.0564	0.0956	0.9010	3.7500e-003	0.3214	2.0500e-003	0.3235	0.0855	1.9000e-003	0.0874						

3.6 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3032					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0249	0.1694	0.2354	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003						
Total	1.3281	0.1694	0.2354	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0564	0.0956	0.9010	3.7500e-003	0.3214	2.0500e-003	0.3235	0.0855	1.9000e-003	0.0874						
Total	0.0564	0.0956	0.9010	3.7500e-003	0.3214	2.0500e-003	0.3235	0.0855	1.9000e-003	0.0874						

3.6 Architectural Coating - 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					
Archit. Coating	1.3132					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003						
Total	1.3369	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0542	0.0913	0.8626	3.7800e-003	0.3239	2.0700e-003	0.3260	0.0861	1.9200e-003	0.0880						
Total	0.0542	0.0913	0.8626	3.7800e-003	0.3239	2.0700e-003	0.3260	0.0861	1.9200e-003	0.0880						

3.6 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3132					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003						
Total	1.3369	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0542	0.0913	0.8626	3.7800e-003	0.3239	2.0700e-003	0.3260	0.0861	1.9200e-003	0.0880						
Total	0.0542	0.0913	0.8626	3.7800e-003	0.3239	2.0700e-003	0.3260	0.0861	1.9200e-003	0.0880						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0517	0.0867	0.8219	3.7600e-003	0.3227	2.0700e-003	0.3247	0.0858	1.9200e-003	0.0877						
Total	0.0517	0.0867	0.8219	3.7600e-003	0.3227	2.0700e-003	0.3247	0.0858	1.9200e-003	0.0877						

3.6 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0517	0.0867	0.8219	3.7600e-003	0.3227	2.0700e-003	0.3247	0.0858	1.9200e-003	0.0877						
Total	0.0517	0.0867	0.8219	3.7600e-003	0.3227	2.0700e-003	0.3247	0.0858	1.9200e-003	0.0877						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0497	0.0832	0.7907	3.7600e-003	0.3227	2.0900e-003	0.3248	0.0858	1.9400e-003	0.0877						
Total	0.0497	0.0832	0.7907	3.7600e-003	0.3227	2.0900e-003	0.3248	0.0858	1.9400e-003	0.0877						

3.6 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0497	0.0832	0.7907	3.7600e-003	0.3227	2.0900e-003	0.3248	0.0858	1.9400e-003	0.0877						
Total	0.0497	0.0832	0.7907	3.7600e-003	0.3227	2.0900e-003	0.3248	0.0858	1.9400e-003	0.0877						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0478	0.0800	0.7630	3.7600e-003	0.3227	2.1100e-003	0.3248	0.0858	1.9600e-003	0.0877						
Total	0.0478	0.0800	0.7630	3.7600e-003	0.3227	2.1100e-003	0.3248	0.0858	1.9600e-003	0.0877						

3.6 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0478	0.0800	0.7630	3.7600e-003	0.3227	2.1100e-003	0.3248	0.0858	1.9600e-003	0.0877						
Total	0.0478	0.0800	0.7630	3.7600e-003	0.3227	2.1100e-003	0.3248	0.0858	1.9600e-003	0.0877						

3.6 Architectural Coating - 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					
Archit. Coating	1.3032					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003						
Total	1.3254	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0459	0.0768	0.7357	3.7500e-003	0.3214	2.1100e-003	0.3235	0.0855	1.9600e-003	0.0874						
Total	0.0459	0.0768	0.7357	3.7500e-003	0.3214	2.1100e-003	0.3235	0.0855	1.9600e-003	0.0874						

3.6 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3032					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003						
Total	1.3254	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0459	0.0768	0.7357	3.7500e-003	0.3214	2.1100e-003	0.3235	0.0855	1.9600e-003	0.0874						
Total	0.0459	0.0768	0.7357	3.7500e-003	0.3214	2.1100e-003	0.3235	0.0855	1.9600e-003	0.0874						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0444	0.0743	0.7148	3.7600e-003	0.3227	2.1300e-003	0.3248	0.0858	1.9800e-003	0.0878						
Total	0.0444	0.0743	0.7148	3.7600e-003	0.3227	2.1300e-003	0.3248	0.0858	1.9800e-003	0.0878						

3.6 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0444	0.0743	0.7148	3.7600e-003	0.3227	2.1300e-003	0.3248	0.0858	1.9800e-003	0.0878						
Total	0.0444	0.0743	0.7148	3.7600e-003	0.3227	2.1300e-003	0.3248	0.0858	1.9800e-003	0.0878						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						
Total	1.3253	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0428	0.0719	0.6953	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9800e-003	0.0878						
Total	0.0428	0.0719	0.6953	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9800e-003	0.0878						

3.6 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						
Total	1.3253	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0428	0.0719	0.6953	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9800e-003	0.0878						
Total	0.0428	0.0719	0.6953	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9800e-003	0.0878						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						
Total	1.3253	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0413	0.0695	0.6772	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9900e-003	0.0878						
Total	0.0413	0.0695	0.6772	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9900e-003	0.0878						

3.6 Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						
Total	1.3253	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0413	0.0695	0.6772	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9900e-003	0.0878						
Total	0.0413	0.0695	0.6772	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9900e-003	0.0878						

3.6 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	1.3132					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						
Total	1.3304	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0401	0.0677	0.6641	3.7800e-003	0.3239	2.1500e-003	0.3260	0.0861	2.0000e-003	0.0881						
Total	0.0401	0.0677	0.6641	3.7800e-003	0.3239	2.1500e-003	0.3260	0.0861	2.0000e-003	0.0881						

3.6 Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3132					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						
Total	1.3304	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0401	0.0677	0.6641	3.7800e-003	0.3239	2.1500e-003	0.3260	0.0861	2.0000e-003	0.0881						
Total	0.0401	0.0677	0.6641	3.7800e-003	0.3239	2.1500e-003	0.3260	0.0861	2.0000e-003	0.0881						

3.6 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	1.3032					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						
Total	1.3202	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0386	0.0655	0.6463	3.7500e-003	0.3214	2.1400e-003	0.3236	0.0855	1.9800e-003	0.0874						
Total	0.0386	0.0655	0.6463	3.7500e-003	0.3214	2.1400e-003	0.3236	0.0855	1.9800e-003	0.0874						

3.6 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3032					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						
Total	1.3202	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0386	0.0655	0.6463	3.7500e-003	0.3214	2.1400e-003	0.3236	0.0855	1.9800e-003	0.0874						
Total	0.0386	0.0655	0.6463	3.7500e-003	0.3214	2.1400e-003	0.3236	0.0855	1.9800e-003	0.0874						

3.6 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3032					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						
Total	1.3202	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0374	0.0641	0.6342	3.7500e-003	0.3214	2.1300e-003	0.3236	0.0855	1.9800e-003	0.0874						
Total	0.0374	0.0641	0.6342	3.7500e-003	0.3214	2.1300e-003	0.3236	0.0855	1.9800e-003	0.0874						

3.6 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3032					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						
Total	1.3202	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0374	0.0641	0.6342	3.7500e-003	0.3214	2.1300e-003	0.3236	0.0855	1.9800e-003	0.0874						
Total	0.0374	0.0641	0.6342	3.7500e-003	0.3214	2.1300e-003	0.3236	0.0855	1.9800e-003	0.0874						

3.6 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	0.6516					0.0000	0.0000		0.0000	0.0000						
Off-Road	7.6600e-003	0.0493	0.1166	1.9000e-004		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004						
Total	0.6593	0.0493	0.1166	1.9000e-004		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0181	0.0315	0.3118	1.8700e-003	0.1607	1.0700e-003	0.1618	0.0427	9.9000e-004	0.0437						
Total	0.0181	0.0315	0.3118	1.8700e-003	0.1607	1.0700e-003	0.1618	0.0427	9.9000e-004	0.0437						

3.6 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6516					0.0000	0.0000		0.0000	0.0000						
Off-Road	7.6600e-003	0.0493	0.1166	1.9000e-004		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004						
Total	0.6593	0.0493	0.1166	1.9000e-004		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0181	0.0315	0.3118	1.8700e-003	0.1607	1.0700e-003	0.1618	0.0427	9.9000e-004	0.0437						
Total	0.0181	0.0315	0.3118	1.8700e-003	0.1607	1.0700e-003	0.1618	0.0427	9.9000e-004	0.0437						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	7.3077	16.9182	75.6689	0.2891	18.8273	0.4036	19.2309	5.0657	0.3723	5.4380						
Unmitigated	7.3077	16.9182	75.6689	0.2891	18.8273	0.4036	19.2309	5.0657	0.3723	5.4380						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,225.50	1,228.50	892.50	2,340,767	2,340,767
Manufacturing	3,376.88	1,317.16	548.08	10,408,376	10,408,376
Regional Shopping Center	4,294.00	4,997.00	2524.00	7,409,861	7,409,861
Regional Shopping Center	1,080.37	1,257.25	635.04	1,864,321	1,864,321
Research & Development	12,246.10	2,869.00	1676.10	27,095,907	27,095,907
Research & Development	372.25	87.21	50.95	823,644	823,644
Total	22,595.10	11,756.12	6,326.67	49,942,875	49,942,875

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
Hotel	14.93	6.43	6.43	19.40	61.60	19.00	58	38	4
Manufacturing	14.93	6.43	6.43	59.00	28.00	13.00	92	5	3
Regional Shopping Center	14.93	6.43	6.43	16.30	64.70	19.00	54	35	11
Regional Shopping Center	14.93	6.43	6.43	16.30	64.70	19.00	54	35	11
Research & Development	14.93	6.43	6.43	33.00	48.00	19.00	82	15	3
Research & Development	14.93	6.43	6.43	33.00	48.00	19.00	82	15	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.482064	0.068502	0.148828	0.142624	0.058603	0.006592	0.039838	0.040189	0.000921	0.001765	0.007545	0.000550	0.001979

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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						
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000						
NaturalGas Mitigated	0.2099	1.9083	1.6030	0.0115		0.1450	0.1450		0.1450	0.1450						
NaturalGas Unmitigated	0.2993	2.7209	2.2856	0.0163		0.2068	0.2068		0.2068	0.2068						

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hotel	6.12236e+006	0.0330	0.3001	0.2521	1.8000e-003		0.0228	0.0228		0.0228	0.0228						
Manufacturing	1.73352e+007	0.0935	0.8498	0.7138	5.1000e-003		0.0646	0.0646		0.0646	0.0646						
Regional Shopping Center	1.229e+006	6.6300e-003	0.0603	0.0506	3.6000e-004		4.5800e-003	4.5800e-003		4.5800e-003	4.5800e-003						
Regional Shopping Center	309155	1.6700e-003	0.0152	0.0127	9.0000e-005		1.1500e-003	1.1500e-003		1.1500e-003	1.1500e-003						
Research & Development	2.96111e+007	0.1597	1.4515	1.2193	8.7100e-003		0.1103	0.1103		0.1103	0.1103						
Research & Development	900119	4.8500e-003	0.0441	0.0371	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003						
Total		0.2993	2.7209	2.2856	0.0163		0.2068	0.2068		0.2068	0.2068						

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Manufacturing	1.21506e+007	0.0655	0.5956	0.5003	3.5700e-003		0.0453	0.0453		0.0453	0.0453						
Regional Shopping Center	219125	1.1800e-003	0.0107	9.0200e-003	6.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004						
Regional Shopping Center	871100	4.7000e-003	0.0427	0.0359	2.6000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003						
Research & Development	2.0755e+007	0.1119	1.0174	0.8546	6.1000e-003		0.0773	0.0773		0.0773	0.0773						
Research & Development	630909	3.4000e-003	0.0309	0.0260	1.9000e-004		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003						
Hotel	4.30264e+006	0.0232	0.2109	0.1772	1.2700e-003		0.0160	0.0160		0.0160	0.0160						
Total		0.2099	1.9083	1.6030	0.0115		0.1450	0.1450		0.1450	0.1450						

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hotel	1.63786e+006				
Manufacturing	8.15932e+006				
Regional Shopping Center	1.339e+006				
Regional Shopping Center	336825				
Research & Development	1.39373e+007				
Research & Development	423666				
Total					

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hotel	744114				
Manufacturing	3.81181e+006				
Regional Shopping Center	150452				
Regional Shopping Center	598100				
Research & Development	197925				
Research & Development	6.51112e+006				
Total					

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	11.9929	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005						
Unmitigated	12.8055	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.9348					0.0000	0.0000		0.0000	0.0000						
Consumer Products	10.8684					0.0000	0.0000		0.0000	0.0000						
Landscaping	2.2700e-003	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005						
Total	12.8055	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005						

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.9348					0.0000	0.0000		0.0000	0.0000						
Consumer Products	10.0559					0.0000	0.0000		0.0000	0.0000						
Landscaping	2.2700e-003	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005						
Total	11.9929	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005						

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				
Unmitigated				

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hotel	3.80502 / 0.422779				
Manufacturing	204.425 / 0				
Regional Shopping Center	9.27092 / 5.68217				
Research & Development	765.027 / 0				
Total					

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hotel	2.66351 / 0.422779				
Manufacturing	143.098 / 0				
Regional Shopping Center	6.48964 / 5.68217				
Research & Development	535.519 / 0				
Total					

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				
Unmitigated				

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hotel	82.13				
Manufacturing	1096.16				
Regional Shopping Center	131.42				
Research & Development	118.24				
Total					

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hotel	82.13				
Manufacturing	1096.16				
Regional Shopping Center	131.42				
Research & Development	118.24				
Total					

9.0 Operational Offroad

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

Mace Ranch Innovation Center - Air Quality (UNMITIGATED)
Yolo County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Cranes	Diesel	No Change	0	1	No Change	0.00
Excavators	Diesel	No Change	0	2	No Change	0.00
Forklifts	Diesel	No Change	0	3	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Graders	Diesel	No Change	0	1	No Change	0.00
Pavers	Diesel	No Change	0	2	No Change	0.00
Paving Equipment	Diesel	No Change	0	2	No Change	0.00
Rollers	Diesel	No Change	0	2	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	4	No Change	0.00
Scrapers	Diesel	No Change	0	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	9	No Change	0.00
Welders	Diesel	No Change	0	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	3.17630E-001	2.13234E+000	3.48618E+000	5.73000E-003	9.19400E-002	9.19400E-002						
Cranes	5.15850E-001	4.31996E+000	2.71083E+000	1.03400E-002	1.75840E-001	1.63120E-001						
Excavators	1.12620E-001	1.18846E+000	1.32468E+000	2.09000E-003	5.75200E-002	5.29200E-002						
Forklifts	5.50450E-001	4.40816E+000	6.72340E+000	9.61000E-003	2.15610E-001	1.99470E-001						
Generator Sets	4.95590E-001	4.46859E+000	7.05460E+000	1.27000E-002	1.68440E-001	1.68440E-001						
Graders	1.59260E-001	1.58398E+000	9.16620E-001	1.23000E-003	8.89000E-002	8.17800E-002						
Pavers	7.33000E-002	7.88960E-001	7.80650E-001	1.27000E-003	3.84700E-002	3.53900E-002						
Paving Equipment	5.77900E-002	6.02630E-001	6.97720E-001	1.12000E-003	3.00500E-002	2.76400E-002						
Rollers	6.02500E-002	5.99810E-001	5.31630E-001	7.30000E-004	3.87200E-002	3.56200E-002						
Rubber Tired Dozers	4.73290E-001	5.18389E+000	3.94429E+000	3.76000E-003	2.39960E-001	2.20760E-001						
Scrapers	4.33260E-001	5.32047E+000	3.30415E+000	5.89000E-003	2.09230E-001	1.92500E-001						
Tractors/Loaders/Backhoes	9.85500E-001	8.57557E+000	1.31672E+001	1.92200E-002	3.96300E-001	3.67360E-001						
Welders	4.13740E-001	2.54561E+000	3.17587E+000	4.93000E-003	7.30800E-002	7.30800E-002						

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	3.17630E-001	2.13233E+000	3.48618E+000	5.73000E-003	9.19400E-002	9.19400E-002						
Cranes	5.15850E-001	4.31996E+000	2.71083E+000	1.03400E-002	1.75840E-001	1.63120E-001						
Excavators	1.12620E-001	1.18846E+000	1.32467E+000	2.09000E-003	5.75200E-002	5.29200E-002						
Forklifts	5.50450E-001	4.40816E+000	6.72339E+000	9.61000E-003	2.15610E-001	1.99470E-001						
Generator Sets	4.95590E-001	4.46859E+000	7.05459E+000	1.27000E-002	1.68440E-001	1.68440E-001						
Graders	1.59260E-001	1.58398E+000	9.16620E-001	1.23000E-003	8.89000E-002	8.17800E-002						
Pavers	7.33000E-002	7.88950E-001	7.80650E-001	1.27000E-003	3.84700E-002	3.53900E-002						
Paving Equipment	5.77900E-002	6.02630E-001	6.97720E-001	1.12000E-003	3.00500E-002	2.76400E-002						
Rollers	6.02500E-002	5.99810E-001	5.31630E-001	7.30000E-004	3.87200E-002	3.56200E-002						
Rubber Tired Dozers	4.73290E-001	5.18389E+000	3.94429E+000	3.76000E-003	2.39960E-001	2.20760E-001						
Scrapers	4.33260E-001	5.32046E+000	3.30414E+000	5.89000E-003	2.09230E-001	1.92500E-001						
Tractors/Loaders/Balkhoes	9.85500E-001	8.57556E+000	1.31672E+001	1.92200E-002	3.96300E-001	3.67360E-001						
Welders	4.13740E-001	2.54560E+000	3.17587E+000	4.93000E-003	7.30800E-002	7.30800E-002						

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	4.68968E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	7.54899E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	0.00000E+000	0.00000E+000	1.48734E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	0.00000E+000	0.00000E+000	1.41751E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Pavers	0.00000E+000	1.26749E-005	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	0.00000E+000	1.87953E-006	3.02650E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Balckhoes	0.00000E+000	1.16610E-006	1.51892E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Welders	0.00000E+000	3.92833E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	PM2.5 Reduction	
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	PM2.5 Reduction	
No	Water Exposed Area	PM10 Reduction	PM2.5 Reduction	Frequency (per day)

No	Unpaved Road Mitigation	Moisture Content %		Vehicle Speed (mph)			
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	4.77	1.27	4.77	1.27	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	29.07	7.84	29.07	7.84	0.00	0.00
Grading	Fugitive Dust	2.62	1.33	2.62	1.33	0.00	0.00
Grading	Roads	0.05	0.01	0.05	0.01	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Site Preparation	Fugitive Dust	2.71	1.49	2.71	1.49	0.00	0.00
Site Preparation	Roads	0.02	0.00	0.02	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	7.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	29.87	29.87	29.87	29.84	29.86	29.86	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting: Low Density Suburban

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00	0.00	0.00	
No	Land Use	Increase Diversity	0.25	0.56		
No	Land Use	Improve Walkability Design	0.00	0.00		
No	Land Use	Improve Destination Accessibility	0.00	0.00		
No	Land Use	Increase Transit Accessibility	0.25	0.00		
No	Land Use	Integrate Below Market Rate Housing	0.00	0.00		
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network	2.00	Project Site and Connecting Off-Site	
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00	0.00	
No	Parking Policy Pricing	Unbundle Parking Costs	0.00	0.00	
No	Parking Policy Pricing	On-street Market Pricing	0.00	0.00	
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00	0.00	
No	Transit Improvements	Expand Transit Network	0.00	0.00	
No	Transit Improvements	Increase Transit Frequency	0.00		0.00
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"	3.00		
No	Commute	Workplace Parking Charge		0.00	
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program	5.00		
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
Yes	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	100.00
No	Use Low VOC Paint (Residential Exterior)	100.00
No	Use Low VOC Paint (Non-residential Interior)	150.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Exceed Title 24	30.00	
No	Install High Efficiency Lighting	0.00	
Yes	On-site Renewable	0.00	50.00

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00

DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Apply Water Conservation on Strategy	30.00	0.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Mace Ranch Innovation Center - Air Quality (MITIGATED)
Yolo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Research & Development	1,510.00	1000sqft	34.66	1,510,000.00	0
Research & Development	45.90	1000sqft	1.05	45,901.00	0
Manufacturing	884.00	1000sqft	20.29	884,000.00	0
Hotel	150.00	Room	5.00	217,800.00	0
Regional Shopping Center	100.00	1000sqft	2.30	100,000.00	0
Regional Shopping Center	25.16	1000sqft	0.58	25,155.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	54
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - *

On-road Fugitive Dust - all roadways would be paved

Grading - total project site (including Mace Triangle), with exception of PQP parcel = 224.42 acres

Vehicle Trips - based on VMT data from traffic consultant

Road Dust - all project roadways would be paved

Mobile Land Use Mitigation -

Area Mitigation - mitigation requires use of only zero-VOC paints

Energy Mitigation -

Water Mitigation - project required to comply with Tier 1 CALGreen Code standards

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	0
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	150	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	100	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	0
tblConstructionPhase	NumDays	75.00	3,860.00
tblConstructionPhase	NumDays	1,110.00	3,860.00
tblConstructionPhase	NumDays	110.00	395.00
tblConstructionPhase	NumDays	75.00	280.00
tblConstructionPhase	NumDays	40.00	150.00
tblConstructionPhase	PhaseEndDate	4/1/2050	6/29/2035
tblConstructionPhase	PhaseStartDate	6/16/2035	9/12/2020
tblGrading	AcresOfGrading	987.50	224.42
tblLandUse	LandUseSquareFeet	45,900.00	45,901.00
tblLandUse	LandUseSquareFeet	25,160.00	25,155.00

tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblRoadDust	RoadPercentPave	94	100
tblVehicleTrips	CC_TL	6.60	5.81
tblVehicleTrips	CC_TL	6.60	5.81
tblVehicleTrips	CC_TL	6.60	5.81
tblVehicleTrips	CC_TL	6.60	5.81
tblVehicleTrips	CNW_TL	6.60	5.81
tblVehicleTrips	CNW_TL	6.60	5.81
tblVehicleTrips	CNW_TL	6.60	5.81
tblVehicleTrips	CNW_TL	6.60	5.81
tblVehicleTrips	CW_TL	14.70	13.41
tblVehicleTrips	CW_TL	14.70	13.41

tblVehicleTrips	CW_TL	14.70	13.41
tblVehicleTrips	CW_TL	14.70	13.41

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	4.9124	51.8488	40.5859	0.0420	18.2962	2.7557	21.0519	9.9917	2.5353	12.5269						
2018	5.3630	59.6292	43.4907	0.0649	18.2962	2.7896	20.6630	9.9917	2.5665	12.1692						
2019	4.9578	54.2847	41.3651	0.0649	6.8801	2.5065	9.3866	3.4430	2.3060	5.7490						
2020	19.6225	49.5632	119.9123	0.3199	18.1011	1.7369	19.8380	4.8589	1.6301	6.4890						
2021	18.8056	43.2734	112.2370	0.3197	18.1016	1.5186	19.6202	4.8591	1.4247	6.2838						
2022	18.2653	38.8906	107.0559	0.3196	18.1021	1.3498	19.4519	4.8593	1.2660	6.1252						
2023	17.6030	35.4662	100.7947	0.3194	18.1023	1.2071	19.3095	4.8594	1.1316	5.9910						
2024	17.2971	34.0657	97.7416	0.3194	18.1029	1.1126	19.2155	4.8596	1.0419	5.9015						
2025	16.9908	32.6807	94.7218	0.3194	18.1034	1.0190	19.1224	4.8598	0.9532	5.8131						
2026	16.8558	32.3599	92.7149	0.3195	18.1037	1.0195	19.1232	4.8600	0.9537	5.8137						
2027	16.7608	32.1093	91.1231	0.3195	18.1041	1.0206	19.1246	4.8601	0.9547	5.8148						
2028	16.6598	31.8761	89.6457	0.3195	18.1044	1.0211	19.1255	4.8602	0.9552	5.8154						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	16.5611	31.6688	88.2682	0.3195	18.1047	1.0215	19.1262	4.8603	0.9556	5.8159						
2030	16.3335	26.6757	86.9698	0.3235	18.1049	0.6131	18.7180	4.8604	0.5783	5.4387						
2031	16.2640	26.5132	86.0077	0.3235	18.1052	0.6134	18.7186	4.8605	0.5786	5.4391						
2032	16.1989	26.3743	85.1686	0.3236	18.1055	0.6136	18.7191	4.8607	0.5787	5.4394						
2033	16.1295	26.2432	84.4458	0.3236	18.1058	0.6137	18.7195	4.8608	0.5788	5.4396						
2034	16.0565	26.1335	83.7696	0.3236	18.1060	0.6136	18.7196	4.8609	0.5787	5.4396						
2035	15.8740	25.1748	83.1246	0.3236	18.1062	0.5453	18.6515	4.8610	0.5104	5.3714						
Total	287.5114	684.8312	1,629.1428	5.3086	333.1362	23.6914	356.4048	101.1873	22.0779	122.8762						

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	4.9124	51.8488	40.5859	0.0420	18.2962	2.7557	21.0519	9.9917	2.5353	12.5269						
2018	5.3630	59.6292	43.4907	0.0649	18.2962	2.7896	20.6630	9.9917	2.5665	12.1692						
2019	4.9578	54.2847	41.3651	0.0649	6.8801	2.5065	9.3866	3.4430	2.3060	5.7490						
2020	19.6225	49.5632	119.9123	0.3199	18.1011	1.7369	19.8380	4.8589	1.6301	6.4890						
2021	18.8056	43.2734	112.2370	0.3197	18.1016	1.5186	19.6202	4.8591	1.4247	6.2838						

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	70.1799	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Energy	1.6400	14.9092	12.5237	0.0895		1.1331	1.1331		1.1331	1.1331						
Mobile	53.5514	102.1728	483.0881	1.9420	121.6205	2.5473	124.1678	32.6334	2.3497	34.9831						
Total	125.3713	117.0845	495.8875	2.0314	121.6205	3.6814	125.3019	32.6334	3.4838	36.1172						

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	55.1258	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Energy	1.1502	10.4564	8.7834	0.0627		0.7947	0.7947		0.7947	0.7947						
Mobile	53.5514	102.1728	483.0881	1.9420	121.6205	2.5473	124.1678	32.6334	2.3497	34.9831						
Total	109.8274	112.6318	492.1472	2.0047	121.6205	3.3430	124.9635	32.6334	3.1454	35.7788						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	12.40	3.80	0.75	1.32	0.00	9.19	0.27	0.00	9.71	0.94	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/3/2017	1/26/2018	5	150	
2	Grading	Grading	1/27/2018	8/2/2019	5	395	
3	Paving	Paving	8/3/2019	8/28/2020	5	280	
4	Building Construction	Building Construction	8/29/2020	6/15/2035	5	3860	
5	Architectural Coating	Architectural Coating	9/12/2020	6/29/2035	5	3860	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 224.42

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 4,174,284; Non-Residential Outdoor: 1,391,428 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,001.00	456.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	200.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339						
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0742	0.0953	1.1888	2.8800e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						
Total	0.0742	0.0953	1.1888	2.8800e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						

3.2 Site Preparation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339						
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0742	0.0953	1.1888	2.8800e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						
Total	0.0742	0.0953	1.1888	2.8800e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762						
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0661	0.0858	1.0655	2.8800e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						
Total	0.0661	0.0858	1.0655	2.8800e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						

3.2 Site Preparation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762						
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0661	0.0858	1.0655	2.8800e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						
Total	0.0661	0.0858	1.0655	2.8800e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650						
Total	5.2895	59.5338	42.3068	0.0617	6.6246	2.7880	9.4126	3.3753	2.5650	5.9403						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0734	0.0954	1.1839	3.2000e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						
Total	0.0734	0.0954	1.1839	3.2000e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						

3.3 Grading - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650						
Total	5.2895	59.5338	42.3068	0.0617	6.6246	2.7880	9.4126	3.3753	2.5650	5.9403						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0734	0.0954	1.1839	3.2000e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						
Total	0.0734	0.0954	1.1839	3.2000e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045						
Total	4.8912	54.1978	40.2888	0.0617	6.6246	2.5049	9.1295	3.3753	2.3045	5.6798						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0666	0.0870	1.0763	3.1800e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						
Total	0.0666	0.0870	1.0763	3.1800e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						

3.3 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045						
Total	4.8912	54.1978	40.2888	0.0617	6.6246	2.5049	9.1295	3.3753	2.3045	5.6798						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0666	0.0870	1.0763	3.1800e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						
Total	0.0666	0.0870	1.0763	3.1800e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						

3.4 Paving - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0500	0.0652	0.8072	2.3900e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						
Total	0.0500	0.0652	0.8072	2.3900e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						

3.4 Paving - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0500	0.0652	0.8072	2.3900e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						
Total	0.0500	0.0652	0.8072	2.3900e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						

3.4 Paving - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0461	0.0601	0.7441	2.3900e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						
Total	0.0461	0.0601	0.7441	2.3900e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						

3.4 Paving - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0461	0.0601	0.7441	2.3900e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						
Total	0.0461	0.0601	0.7441	2.3900e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						

3.5 Building Construction - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.5520	23.9823	41.6985	0.0991	2.7607	0.4190	3.1797	0.7908	0.3854	1.1761						
Worker	3.0774	4.0117	49.6533	0.1593	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	6.6294	27.9939	91.3517	0.2583	15.5465	0.4975	16.0440	4.1814	0.4581	4.6396						

3.5 Building Construction - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.5520	23.9823	41.6985	0.0991	2.7607	0.4190	3.1797	0.7908	0.3854	1.1761						
Worker	3.0774	4.0117	49.6533	0.1593	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	6.6294	27.9939	91.3517	0.2583	15.5465	0.4975	16.0440	4.1814	0.4581	4.6396						

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.1883	19.9088	38.0229	0.0988	2.7612	0.3755	3.1367	0.7910	0.3455	1.1364						
Worker	2.9009	3.7485	46.5568	0.1593	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	6.0892	23.6573	84.5797	0.2581	15.5470	0.4540	16.0010	4.1816	0.4183	4.5999						

3.5 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.1883	19.9088	38.0229	0.0988	2.7612	0.3755	3.1367	0.7910	0.3455	1.1364						
Worker	2.9009	3.7485	46.5568	0.1593	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	6.0892	23.6573	84.5797	0.2581	15.5470	0.4540	16.0010	4.1816	0.4183	4.5999						

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.0426	17.7203	36.3260	0.0987	2.7616	0.3681	3.1297	0.7912	0.3386	1.1298						
Worker	2.7456	3.5218	43.8313	0.1593	12.7858	0.0786	12.8644	3.3907	0.0729	3.4636						
Total	5.7882	21.2421	80.1572	0.2580	15.5475	0.4467	15.9941	4.1818	0.4115	4.5934						

3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.0426	17.7203	36.3260	0.0987	2.7616	0.3681	3.1297	0.7912	0.3386	1.1298						
Worker	2.7456	3.5218	43.8313	0.1593	12.7858	0.0786	12.8644	3.3907	0.0729	3.4636						
Total	5.7882	21.2421	80.1572	0.2580	15.5475	0.4467	15.9941	4.1818	0.4115	4.5934						

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.7001	15.8658	33.1878	0.0985	2.7619	0.3451	3.1070	0.7913	0.3175	1.1087						
Worker	2.6008	3.3212	41.3290	0.1593	12.7858	0.0788	12.8646	3.3907	0.0731	3.4638						
Total	5.3009	19.1870	74.5168	0.2578	15.5477	0.4238	15.9716	4.1819	0.3905	4.5725						

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.7001	15.8658	33.1878	0.0985	2.7619	0.3451	3.1070	0.7913	0.3175	1.1087						
Worker	2.6008	3.3212	41.3290	0.1593	12.7858	0.0788	12.8646	3.3907	0.0731	3.4638						
Total	5.3009	19.1870	74.5168	0.2578	15.5477	0.4238	15.9716	4.1819	0.3905	4.5725						

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.6558	15.6882	32.6008	0.0986	2.7625	0.3463	3.1087	0.7915	0.3186	1.1101						
Worker	2.4759	3.1516	39.3377	0.1592	12.7858	0.0791	12.8649	3.3907	0.0734	3.4641						
Total	5.1316	18.8398	71.9386	0.2578	15.5483	0.4253	15.9736	4.1822	0.3919	4.5741						

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.6558	15.6882	32.6008	0.0986	2.7625	0.3463	3.1087	0.7915	0.3186	1.1101						
Worker	2.4759	3.1516	39.3377	0.1592	12.7858	0.0791	12.8649	3.3907	0.0734	3.4641						
Total	5.1316	18.8398	71.9386	0.2578	15.5483	0.4253	15.9736	4.1822	0.3919	4.5741						

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5897	15.5165	31.6422	0.0986	2.7630	0.3470	3.1100	0.7917	0.3192	1.1109						
Worker	2.3703	3.0080	37.6885	0.1592	12.7858	0.0796	12.8654	3.3907	0.0738	3.4645						
Total	4.9601	18.5245	69.3307	0.2578	15.5488	0.4266	15.9754	4.1824	0.3931	4.5754						

3.5 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5897	15.5165	31.6422	0.0986	2.7630	0.3470	3.1100	0.7917	0.3192	1.1109						
Worker	2.3703	3.0080	37.6885	0.1592	12.7858	0.0796	12.8654	3.3907	0.0738	3.4645						
Total	4.9601	18.5245	69.3307	0.2578	15.5488	0.4266	15.9754	4.1824	0.3931	4.5754						

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5672	15.3411	31.2820	0.0986	2.7633	0.3467	3.1100	0.7918	0.3190	1.1108						
Worker	2.2767	2.8869	36.3161	0.1592	12.7858	0.0803	12.8661	3.3907	0.0745	3.4651						
Total	4.8438	18.2279	67.5980	0.2578	15.5491	0.4270	15.9761	4.1825	0.3934	4.5759						

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5672	15.3411	31.2820	0.0986	2.7633	0.3467	3.1100	0.7918	0.3190	1.1108						
Worker	2.2767	2.8869	36.3161	0.1592	12.7858	0.0803	12.8661	3.3907	0.0745	3.4651						
Total	4.8438	18.2279	67.5980	0.2578	15.5491	0.4270	15.9761	4.1825	0.3934	4.5759						

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5780	15.2206	31.1525	0.0986	2.7636	0.3470	3.1107	0.7920	0.3193	1.1112						
Worker	2.1884	2.7784	35.0972	0.1592	12.7858	0.0809	12.8667	3.3907	0.0750	3.4657						
Total	4.7665	17.9990	66.2497	0.2578	15.5494	0.4279	15.9773	4.1826	0.3943	4.5769						

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5780	15.2206	31.1525	0.0986	2.7636	0.3470	3.1107	0.7920	0.3193	1.1112						
Worker	2.1884	2.7784	35.0972	0.1592	12.7858	0.0809	12.8667	3.3907	0.0750	3.4657						
Total	4.7665	17.9990	66.2497	0.2578	15.5494	0.4279	15.9773	4.1826	0.3943	4.5769						

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5761	15.1066	30.9689	0.0986	2.7640	0.3470	3.1110	0.7921	0.3193	1.1113						
Worker	2.1058	2.6791	34.0189	0.1592	12.7858	0.0814	12.8672	3.3907	0.0755	3.4662						
Total	4.6820	17.7856	64.9878	0.2579	15.5498	0.4284	15.9781	4.1828	0.3947	4.5775						

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5761	15.1066	30.9689	0.0986	2.7640	0.3470	3.1110	0.7921	0.3193	1.1113						
Worker	2.1058	2.6791	34.0189	0.1592	12.7858	0.0814	12.8672	3.3907	0.0755	3.4662						
Total	4.6820	17.7856	64.9878	0.2579	15.5498	0.4284	15.9781	4.1828	0.3947	4.5775						

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5761	15.0145	30.8430	0.0986	2.7642	0.3470	3.1112	0.7922	0.3192	1.1114						
Worker	2.0236	2.5830	32.9758	0.1592	12.7858	0.0817	12.8675	3.3907	0.0758	3.4665						
Total	4.5997	17.5975	63.8187	0.2579	15.5500	0.4287	15.9787	4.1829	0.3950	4.5779						

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5761	15.0145	30.8430	0.0986	2.7642	0.3470	3.1112	0.7922	0.3192	1.1114						
Worker	2.0236	2.5830	32.9758	0.1592	12.7858	0.0817	12.8675	3.3907	0.0758	3.4665						
Total	4.5997	17.5975	63.8187	0.2579	15.5500	0.4287	15.9787	4.1829	0.3950	4.5779						

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5367	14.9033	30.5075	0.0987	2.7644	0.3468	3.1113	0.7923	0.3191	1.1114						
Worker	1.9480	2.4989	32.1164	0.1592	12.7858	0.0820	12.8678	3.3907	0.0761	3.4668						
Total	4.4847	17.4022	62.6239	0.2579	15.5502	0.4288	15.9791	4.1830	0.3952	4.5781						

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5367	14.9033	30.5075	0.0987	2.7644	0.3468	3.1113	0.7923	0.3191	1.1114						
Worker	1.9480	2.4989	32.1164	0.1592	12.7858	0.0820	12.8678	3.3907	0.0761	3.4668						
Total	4.4847	17.4022	62.6239	0.2579	15.5502	0.4288	15.9791	4.1830	0.3952	4.5781						

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5540	14.8375	30.5005	0.0987	2.7648	0.3470	3.1117	0.7924	0.3192	1.1116						
Worker	1.8756	2.4184	31.3203	0.1593	12.7858	0.0821	12.8680	3.3907	0.0762	3.4669						
Total	4.4296	17.2559	61.8208	0.2579	15.5506	0.4291	15.9797	4.1831	0.3954	4.5785						

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5540	14.8375	30.5005	0.0987	2.7648	0.3470	3.1117	0.7924	0.3192	1.1116						
Worker	1.8756	2.4184	31.3203	0.1593	12.7858	0.0821	12.8680	3.3907	0.0762	3.4669						
Total	4.4296	17.2559	61.8208	0.2579	15.5506	0.4291	15.9797	4.1831	0.3954	4.5785						

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5695	14.7831	30.4864	0.0987	2.7651	0.3471	3.1122	0.7926	0.3193	1.1119						
Worker	1.8085	2.3479	30.6328	0.1593	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.3780	17.1310	61.1191	0.2580	15.5509	0.4293	15.9802	4.1832	0.3956	4.5788						

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5695	14.7831	30.4864	0.0987	2.7651	0.3471	3.1122	0.7926	0.3193	1.1119						
Worker	1.8085	2.3479	30.6328	0.1593	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.3780	17.1310	61.1191	0.2580	15.5509	0.4293	15.9802	4.1832	0.3956	4.5788						

3.5 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5709	14.7218	30.4328	0.0987	2.7654	0.3471	3.1125	0.7927	0.3193	1.1120						
Worker	1.7494	2.2898	30.0750	0.1593	12.7858	0.0822	12.8681	3.3907	0.0763	3.4670						
Total	4.3203	17.0115	60.5078	0.2580	15.5512	0.4293	15.9805	4.1833	0.3956	4.5790						

3.5 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5709	14.7218	30.4328	0.0987	2.7654	0.3471	3.1125	0.7927	0.3193	1.1120						
Worker	1.7494	2.2898	30.0750	0.1593	12.7858	0.0822	12.8681	3.3907	0.0763	3.4670						
Total	4.3203	17.0115	60.5078	0.2580	15.5512	0.4293	15.9805	4.1833	0.3956	4.5790						

3.5 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5691	14.6709	30.4030	0.0987	2.7656	0.3471	3.1127	0.7928	0.3193	1.1121						
Worker	1.6901	2.2407	29.5362	0.1593	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.2592	16.9116	59.9392	0.2580	15.5514	0.4292	15.9807	4.1834	0.3955	4.5790						

3.5 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5691	14.6709	30.4030	0.0987	2.7656	0.3471	3.1127	0.7928	0.3193	1.1121						
Worker	1.6901	2.2407	29.5362	0.1593	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.2592	16.9116	59.9392	0.2580	15.5514	0.4292	15.9807	4.1834	0.3955	4.5790						

3.5 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5552	14.6238	30.3640	0.0987	2.7658	0.3468	3.1127	0.7928	0.3191	1.1119						
Worker	1.6369	2.2023	29.0666	0.1593	12.7858	0.0821	12.8679	3.3907	0.0762	3.4668						
Total	4.1921	16.8261	59.4306	0.2580	15.5516	0.4289	15.9806	4.1835	0.3953	4.5788						

3.5 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.5552	14.6238	30.3640	0.0987	2.7658	0.3468	3.1127	0.7928	0.3191	1.1119						
Worker	1.6369	2.2023	29.0666	0.1593	12.7858	0.0821	12.8679	3.3907	0.0762	3.4668						
Total	4.1921	16.8261	59.4306	0.2580	15.5516	0.4289	15.9806	4.1835	0.3953	4.5788						

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						
Total	10.2670	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.6149	0.8015	9.9207	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.6149	0.8015	9.9207	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						
Total	10.2670	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.6149	0.8015	9.9207	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.6149	0.8015	9.9207	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						
Total	10.2437	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5796	0.7490	9.3021	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.5796	0.7490	9.3021	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						
Total	10.2437	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5796	0.7490	9.3021	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.5796	0.7490	9.3021	0.0318	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						
Total	10.2293	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5486	0.7037	8.7575	0.0318	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						
Total	0.5486	0.7037	8.7575	0.0318	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						

3.6 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						
Total	10.2293	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5486	0.7037	8.7575	0.0318	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						
Total	0.5486	0.7037	8.7575	0.0318	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						
Total	10.2164	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5196	0.6636	8.2575	0.0318	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						
Total	0.5196	0.6636	8.2575	0.0318	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						

3.6 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						
Total	10.2164	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5196	0.6636	8.2575	0.0318	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						
Total	0.5196	0.6636	8.2575	0.0318	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	10.2055	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4947	0.6297	7.8597	0.0318	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						
Total	0.4947	0.6297	7.8597	0.0318	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						

3.6 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	10.2055	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4947	0.6297	7.8597	0.0318	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						
Total	0.4947	0.6297	7.8597	0.0318	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4736	0.6010	7.5302	0.0318	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						
Total	0.4736	0.6010	7.5302	0.0318	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						

3.6 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4736	0.6010	7.5302	0.0318	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						
Total	0.4736	0.6010	7.5302	0.0318	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4549	0.5768	7.2560	0.0318	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						
Total	0.4549	0.5768	7.2560	0.0318	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						

3.6 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4549	0.5768	7.2560	0.0318	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						
Total	0.4549	0.5768	7.2560	0.0318	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4373	0.5551	7.0124	0.0318	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						
Total	0.4373	0.5551	7.0124	0.0318	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						

3.6 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4373	0.5551	7.0124	0.0318	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						
Total	0.4373	0.5551	7.0124	0.0318	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						

3.6 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4207	0.5353	6.7970	0.0318	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						
Total	0.4207	0.5353	6.7970	0.0318	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						

3.6 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4207	0.5353	6.7970	0.0318	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						
Total	0.4207	0.5353	6.7970	0.0318	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4043	0.5161	6.5886	0.0318	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						
Total	0.4043	0.5161	6.5886	0.0318	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						

3.6 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4043	0.5161	6.5886	0.0318	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						
Total	0.4043	0.5161	6.5886	0.0318	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						

3.6 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3892	0.4993	6.4169	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3892	0.4993	6.4169	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3892	0.4993	6.4169	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3892	0.4993	6.4169	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3747	0.4832	6.2578	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3747	0.4832	6.2578	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3747	0.4832	6.2578	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3747	0.4832	6.2578	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 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	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3613	0.4691	6.1204	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3613	0.4691	6.1204	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3613	0.4691	6.1204	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3613	0.4691	6.1204	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3495	0.4575	6.0090	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3495	0.4575	6.0090	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3495	0.4575	6.0090	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3495	0.4575	6.0090	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3377	0.4477	5.9013	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3377	0.4477	5.9013	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3377	0.4477	5.9013	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3377	0.4477	5.9013	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						
Total	10.1426	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3271	0.4400	5.8075	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3271	0.4400	5.8075	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						
Total	10.1426	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3271	0.4400	5.8075	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3271	0.4400	5.8075	0.0318	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	53.5514	102.1728	483.0881	1.9420	121.6205	2.5473	124.1678	32.6334	2.3497	34.9831						
Unmitigated	53.5514	102.1728	483.0881	1.9420	121.6205	2.5473	124.1678	32.6334	2.3497	34.9831						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,225.50	1,228.50	892.50	2,110,712	2,110,712
Manufacturing	3,376.88	1,317.16	548.08	9,361,921	9,361,921
Regional Shopping Center	4,294.00	4,997.00	2524.00	6,684,581	6,684,581
Regional Shopping Center	1,080.37	1,257.25	635.04	1,681,841	1,681,841
Research & Development	12,246.10	2,869.00	1676.10	24,406,406	24,406,406
Research & Development	372.25	87.21	50.95	741,890	741,890
Total	22,595.10	11,756.12	6,326.67	44,987,351	44,987,351

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
Hotel	13.41	5.81	5.81	19.40	61.60	19.00	58	38	4
Manufacturing	13.41	5.81	5.81	59.00	28.00	13.00	92	5	3
Regional Shopping Center	13.41	5.81	5.81	16.30	64.70	19.00	54	35	11
Regional Shopping Center	13.41	5.81	5.81	16.30	64.70	19.00	54	35	11
Research & Development	13.41	5.81	5.81	33.00	48.00	19.00	82	15	3
Research & Development	13.41	5.81	5.81	33.00	48.00	19.00	82	15	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.482064	0.068502	0.148828	0.142624	0.058603	0.006592	0.039838	0.040189	0.000921	0.001765	0.007545	0.000550	0.001979

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.1502	10.4564	8.7834	0.0627		0.7947	0.7947		0.7947	0.7947						
NaturalGas Unmitigated	1.6400	14.9092	12.5237	0.0895		1.1331	1.1331		1.1331	1.1331						

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	lb/day										lb/day						
Manufacturing	47493.8	0.5122	4.6563	3.9113	0.0279		0.3539	0.3539		0.3539	0.3539							
Regional Shopping Center	3367.12	0.0363	0.3301	0.2773	1.9800e-003		0.0251	0.0251		0.0251	0.0251							
Regional Shopping Center	847	9.1300e-003	0.0830	0.0698	5.0000e-004		6.3100e-003	6.3100e-003		6.3100e-003	6.3100e-003							
Research & Development	2466.08	0.0266	0.2418	0.2031	1.4500e-003		0.0184	0.0184		0.0184	0.0184							
Research & Development	81126.3	0.8749	7.9536	6.6810	0.0477		0.6045	0.6045		0.6045	0.6045							
Hotel	16773.6	0.1809	1.6445	1.3814	9.8700e-003		0.1250	0.1250		0.1250	0.1250							
Total		1.6400	14.9092	12.5237	0.0895		1.1331	1.1331		1.1331	1.1331							

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Manufacturing	33.2893	0.3590	3.2637	2.7415	0.0196		0.2480	0.2480		0.2480	0.2480						
Regional Shopping Center	0.600343	6.4700e-003	0.0589	0.0494	3.5000e-004		4.4700e-003	4.4700e-003		4.4700e-003	4.4700e-003						
Regional Shopping Center	2.38658	0.0257	0.2340	0.1965	1.4000e-003		0.0178	0.0178		0.0178	0.0178						
Research & Development	1.72852	0.0186	0.1695	0.1424	1.0200e-003		0.0129	0.0129		0.0129	0.0129						
Research & Development	56.8629	0.6132	5.5748	4.6828	0.0335		0.4237	0.4237		0.4237	0.4237						
Hotel	11.7881	0.1271	1.1557	0.9708	6.9300e-003		0.0878	0.0878		0.0878	0.0878						
Total		1.1502	10.4564	8.7834	0.0627		0.7947	0.7947		0.7947	0.7947						

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	55.1258	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Unmitigated	70.1799	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.6015					0.0000	0.0000		0.0000	0.0000						
Consumer Products	59.5531					0.0000	0.0000		0.0000	0.0000						
Landscaping	0.0252	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Total	70.1799	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000						
Consumer Products	55.1006					0.0000	0.0000		0.0000	0.0000						
Landscaping	0.0252	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Total	55.1258	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Mace Ranch Innovation Center - Air Quality (MITIGATED)
Yolo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Research & Development	1,510.00	1000sqft	34.66	1,510,000.00	0
Research & Development	45.90	1000sqft	1.05	45,901.00	0
Manufacturing	884.00	1000sqft	20.29	884,000.00	0
Hotel	150.00	Room	5.00	217,800.00	0
Regional Shopping Center	100.00	1000sqft	2.30	100,000.00	0
Regional Shopping Center	25.16	1000sqft	0.58	25,155.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	54
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - *

On-road Fugitive Dust - all roadways would be paved

Grading - total project site (including Mace Triangle), with exception of PQP parcel = 224.42 acres

Vehicle Trips - based on VMT data from traffic consultant

Road Dust - all project roadways would be paved

Mobile Land Use Mitigation -

Area Mitigation - mitigation requires use of only zero-VOC paints

Energy Mitigation -

Water Mitigation - project required to comply with Tier 1 CALGreen Code standards

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	0
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	150	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	100	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	0
tblConstructionPhase	NumDays	75.00	3,860.00
tblConstructionPhase	NumDays	1,110.00	3,860.00
tblConstructionPhase	NumDays	110.00	395.00
tblConstructionPhase	NumDays	75.00	280.00
tblConstructionPhase	NumDays	40.00	150.00
tblConstructionPhase	PhaseEndDate	4/1/2050	6/29/2035
tblConstructionPhase	PhaseStartDate	6/16/2035	9/12/2020
tblGrading	AcresOfGrading	987.50	224.42
tblLandUse	LandUseSquareFeet	45,900.00	45,901.00
tblLandUse	LandUseSquareFeet	25,160.00	25,155.00

tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblRoadDust	RoadPercentPave	94	100
tblVehicleTrips	CC_TL	6.60	5.81
tblVehicleTrips	CC_TL	6.60	5.81
tblVehicleTrips	CC_TL	6.60	5.81
tblVehicleTrips	CC_TL	6.60	5.81
tblVehicleTrips	CNW_TL	6.60	5.81
tblVehicleTrips	CNW_TL	6.60	5.81
tblVehicleTrips	CNW_TL	6.60	5.81
tblVehicleTrips	CNW_TL	6.60	5.81
tblVehicleTrips	CW_TL	14.70	13.41
tblVehicleTrips	CW_TL	14.70	13.41

tblVehicleTrips	CW_TL	14.70	13.41
tblVehicleTrips	CW_TL	14.70	13.41

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	4.9033	51.8729	40.4339	0.0416	18.2962	2.7557	21.0519	9.9917	2.5353	12.5269						
2018	5.3531	59.6532	43.3280	0.0645	18.2962	2.7896	20.6630	9.9917	2.5665	12.1692						
2019	4.9483	54.3066	41.2095	0.0645	6.8801	2.5065	9.3866	3.4430	2.3060	5.7490						
2020	20.1406	52.2866	148.4425	0.2969	18.1011	1.7423	19.8434	4.8589	1.6350	6.4939						
2021	19.1647	45.6386	140.1016	0.2967	18.1016	1.5234	19.6250	4.8591	1.4291	6.2882						
2022	18.5228	41.0359	132.0392	0.2965	18.1021	1.3544	19.4564	4.8593	1.2701	6.1294						
2023	17.6643	37.4010	120.1886	0.2962	18.1023	1.2104	19.3127	4.8594	1.1346	5.9940						
2024	17.3536	35.9278	116.6686	0.2962	18.1029	1.1159	19.2188	4.8596	1.0448	5.9045						
2025	16.9963	34.4800	112.0338	0.2962	18.1034	1.0222	19.1256	4.8598	0.9562	5.8160						
2026	16.8644	34.1057	109.8203	0.2962	18.1037	1.0227	19.1264	4.8600	0.9567	5.8166						
2027	16.7831	33.8123	108.2540	0.2962	18.1041	1.0237	19.1278	4.8601	0.9576	5.8177						
2028	16.6946	33.5386	106.7632	0.2962	18.1044	1.0243	19.1287	4.8602	0.9582	5.8184						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	16.6128	33.2943	105.4514	0.2962	18.1047	1.0247	19.1293	4.8603	0.9585	5.8188						
2030	16.3922	28.2652	103.9837	0.3002	18.1049	0.6163	18.7212	4.8604	0.5812	5.4416						
2031	16.3428	28.0729	103.1555	0.3002	18.1052	0.6166	18.7217	4.8605	0.5814	5.4420						
2032	16.2974	27.9087	102.4307	0.3002	18.1055	0.6168	18.7223	4.8607	0.5816	5.4423						
2033	16.2404	27.7547	101.7660	0.3003	18.1058	0.6168	18.7226	4.8608	0.5817	5.4425						
2034	16.1795	27.6266	101.1702	0.3003	18.1060	0.6167	18.7227	4.8609	0.5816	5.4424						
2035	16.0058	26.6527	100.5849	0.3003	18.1062	0.5484	18.6547	4.8610	0.5133	5.3743						
Total	289.4599	713.6342	1,937.825 2	4.9357	333.1362	23.7473	356.4608	101.1873	22.1293	122.9277						

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	4.9033	51.8729	40.4339	0.0416	18.2962	2.7557	21.0519	9.9917	2.5353	12.5269						
2018	5.3531	59.6532	43.3280	0.0645	18.2962	2.7896	20.6630	9.9917	2.5665	12.1692						
2019	4.9483	54.3066	41.2095	0.0645	6.8801	2.5065	9.3866	3.4430	2.3060	5.7490						
2020	20.1406	52.2866	148.4425	0.2969	18.1011	1.7423	19.8434	4.8589	1.6350	6.4939						
2021	19.1647	45.6386	140.1016	0.2967	18.1016	1.5234	19.6250	4.8591	1.4291	6.2882						

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	70.1799	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Energy	1.6400	14.9092	12.5237	0.0895		1.1331	1.1331		1.1331	1.1331						
Mobile	50.8948	113.2978	574.5307	1.7831	121.6205	2.5604	124.1809	32.6334	2.3617	34.9951						
Total	122.7147	128.2095	587.3301	1.8726	121.6205	3.6945	125.3150	32.6334	3.4958	36.1292						

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	55.1258	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Energy	1.1502	10.4564	8.7834	0.0627		0.7947	0.7947		0.7947	0.7947						
Mobile	50.8948	113.2978	574.5307	1.7831	121.6205	2.5604	124.1809	32.6334	2.3617	34.9951						
Total	107.1708	123.7567	583.5898	1.8458	121.6205	3.3561	124.9766	32.6334	3.1574	35.7908						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	12.67	3.47	0.64	1.43	0.00	9.16	0.27	0.00	9.68	0.94	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/3/2017	1/26/2018	5	150	
2	Grading	Grading	1/27/2018	8/2/2019	5	395	
3	Paving	Paving	8/3/2019	8/28/2020	5	280	
4	Building Construction	Building Construction	8/29/2020	6/15/2035	5	3860	
5	Architectural Coating	Architectural Coating	9/12/2020	6/29/2035	5	3860	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 224.42

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 4,174,284; Non-Residential Outdoor: 1,391,428 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,001.00	456.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	200.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339						
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0651	0.1195	1.0368	2.5400e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						
Total	0.0651	0.1195	1.0368	2.5400e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						

3.2 Site Preparation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339						
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0651	0.1195	1.0368	2.5400e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						
Total	0.0651	0.1195	1.0368	2.5400e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3800e-003	0.0624						

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762						
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0572	0.1074	0.9191	2.5300e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						
Total	0.0572	0.1074	0.9191	2.5300e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						

3.2 Site Preparation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307						
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762						
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0572	0.1074	0.9191	2.5300e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						
Total	0.0572	0.1074	0.9191	2.5300e-003	0.2299	1.4600e-003	0.2314	0.0610	1.3500e-003	0.0623						

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650						
Total	5.2895	59.5338	42.3068	0.0617	6.6246	2.7880	9.4126	3.3753	2.5650	5.9403						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0635	0.1194	1.0212	2.8200e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						
Total	0.0635	0.1194	1.0212	2.8200e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						

3.3 Grading - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650						
Total	5.2895	59.5338	42.3068	0.0617	6.6246	2.7880	9.4126	3.3753	2.5650	5.9403						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0635	0.1194	1.0212	2.8200e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						
Total	0.0635	0.1194	1.0212	2.8200e-003	0.2555	1.6200e-003	0.2571	0.0678	1.5000e-003	0.0692						

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045						
Total	4.8912	54.1978	40.2888	0.0617	6.6246	2.5049	9.1295	3.3753	2.3045	5.6798						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0571	0.1088	0.9206	2.8000e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						
Total	0.0571	0.1088	0.9206	2.8000e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						

3.3 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6246	0.0000	6.6246	3.3753	0.0000	3.3753						
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045						
Total	4.8912	54.1978	40.2888	0.0617	6.6246	2.5049	9.1295	3.3753	2.3045	5.6798						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0571	0.1088	0.9206	2.8000e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						
Total	0.0571	0.1088	0.9206	2.8000e-003	0.2555	1.5800e-003	0.2570	0.0678	1.4600e-003	0.0692						

3.4 Paving - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0428	0.0816	0.6905	2.1000e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						
Total	0.0428	0.0816	0.6905	2.1000e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						

3.4 Paving - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0428	0.0816	0.6905	2.1000e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						
Total	0.0428	0.0816	0.6905	2.1000e-003	0.1916	1.1900e-003	0.1928	0.0508	1.1000e-003	0.0519						

3.4 Paving - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0394	0.0751	0.6324	2.1000e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						
Total	0.0394	0.0751	0.6324	2.1000e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						

3.4 Paving - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0394	0.0751	0.6324	2.1000e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						
Total	0.0394	0.0751	0.6324	2.1000e-003	0.1916	1.1800e-003	0.1928	0.0508	1.0900e-003	0.0519						

3.5 Building Construction - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	4.6095	25.5056	79.1681	0.0988	2.7607	0.4244	3.1851	0.7908	0.3903	1.1811						
Worker	2.6279	5.0119	42.2025	0.1403	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	7.2374	30.5174	121.3706	0.2391	15.5465	0.5029	16.0494	4.1814	0.4631	4.6445						

3.5 Building Construction - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	4.6095	25.5056	79.1681	0.0988	2.7607	0.4244	3.1851	0.7908	0.3903	1.1811						
Worker	2.6279	5.0119	42.2025	0.1403	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	7.2374	30.5174	121.3706	0.2391	15.5465	0.5029	16.0494	4.1814	0.4631	4.6445						

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	4.0575	21.1583	74.4650	0.0986	2.7612	0.3803	3.1414	0.7910	0.3499	1.1408						
Worker	2.4758	4.6784	39.4077	0.1403	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	6.5333	25.8368	113.8727	0.2389	15.5470	0.4587	16.0057	4.1816	0.4226	4.6042						

3.5 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	4.0575	21.1583	74.4650	0.0986	2.7612	0.3803	3.1414	0.7910	0.3499	1.1408						
Worker	2.4758	4.6784	39.4077	0.1403	12.7858	0.0785	12.8643	3.3907	0.0728	3.4634						
Total	6.5333	25.8368	113.8727	0.2389	15.5470	0.4587	16.0057	4.1816	0.4226	4.6042						

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.7840	18.8228	69.5655	0.0984	2.7616	0.3726	3.1342	0.7912	0.3428	1.1340						
Worker	2.3423	4.3910	36.9499	0.1403	12.7858	0.0786	12.8644	3.3907	0.0729	3.4636						
Total	6.1263	23.2137	106.5154	0.2387	15.5475	0.4512	15.9987	4.1818	0.4157	4.5975						

3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.7840	18.8228	69.5655	0.0984	2.7616	0.3726	3.1342	0.7912	0.3428	1.1340						
Worker	2.3423	4.3910	36.9499	0.1403	12.7858	0.0786	12.8644	3.3907	0.0729	3.4636						
Total	6.1263	23.2137	106.5154	0.2387	15.5475	0.4512	15.9987	4.1818	0.4157	4.5975						

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.2198	16.8231	60.5443	0.0981	2.7619	0.3483	3.1102	0.7913	0.3205	1.1117						
Worker	2.2187	4.1360	34.6924	0.1403	12.7858	0.0788	12.8646	3.3907	0.0731	3.4638						
Total	5.4384	20.9591	95.2367	0.2384	15.5477	0.4271	15.9748	4.1819	0.3935	4.5755						

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.2198	16.8231	60.5443	0.0981	2.7619	0.3483	3.1102	0.7913	0.3205	1.1117						
Worker	2.2187	4.1360	34.6924	0.1403	12.7858	0.0788	12.8646	3.3907	0.0731	3.4638						
Total	5.4384	20.9591	95.2367	0.2384	15.5477	0.4271	15.9748	4.1819	0.3935	4.5755						

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.1481	16.6276	59.2453	0.0981	2.7625	0.3495	3.1120	0.7915	0.3215	1.1130						
Worker	2.1126	3.9206	32.9054	0.1403	12.7858	0.0791	12.8649	3.3907	0.0734	3.4641						
Total	5.2607	20.5482	92.1508	0.2384	15.5483	0.4286	15.9769	4.1822	0.3949	4.5771						

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.1481	16.6276	59.2453	0.0981	2.7625	0.3495	3.1120	0.7915	0.3215	1.1130						
Worker	2.1126	3.9206	32.9054	0.1403	12.7858	0.0791	12.8649	3.3907	0.0734	3.4641						
Total	5.2607	20.5482	92.1508	0.2384	15.5483	0.4286	15.9769	4.1822	0.3949	4.5771						

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.0116	16.4392	56.4659	0.0981	2.7630	0.3502	3.1132	0.7917	0.3222	1.1139						
Worker	2.0233	3.7387	31.4277	0.1402	12.7858	0.0796	12.8654	3.3907	0.0738	3.4645						
Total	5.0349	20.1778	87.8936	0.2383	15.5488	0.4298	15.9786	4.1824	0.3960	4.5784						

3.5 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	3.0116	16.4392	56.4659	0.0981	2.7630	0.3502	3.1132	0.7917	0.3222	1.1139						
Worker	2.0233	3.7387	31.4277	0.1402	12.7858	0.0796	12.8654	3.3907	0.0738	3.4645						
Total	5.0349	20.1778	87.8936	0.2383	15.5488	0.4298	15.9786	4.1824	0.3960	4.5784						

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9740	16.2484	55.7255	0.0981	2.7633	0.3499	3.1132	0.7918	0.3219	1.1137						
Worker	1.9447	3.5856	30.2000	0.1402	12.7858	0.0803	12.8661	3.3907	0.0745	3.4651						
Total	4.9187	19.8341	85.9254	0.2384	15.5491	0.4302	15.9793	4.1825	0.3964	4.5789						

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9740	16.2484	55.7255	0.0981	2.7633	0.3499	3.1132	0.7918	0.3219	1.1137						
Worker	1.9447	3.5856	30.2000	0.1402	12.7858	0.0803	12.8661	3.3907	0.0745	3.4651						
Total	4.9187	19.8341	85.9254	0.2384	15.5491	0.4302	15.9793	4.1825	0.3964	4.5789						

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9808	16.1194	55.4657	0.0981	2.7636	0.3502	3.1139	0.7920	0.3222	1.1142						
Worker	1.8713	3.4486	29.1110	0.1402	12.7858	0.0809	12.8667	3.3907	0.0750	3.4657						
Total	4.8521	19.5681	84.5767	0.2384	15.5494	0.4311	15.9805	4.1826	0.3972	4.5799						

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9808	16.1194	55.4657	0.0981	2.7636	0.3502	3.1139	0.7920	0.3222	1.1142						
Worker	1.8713	3.4486	29.1110	0.1402	12.7858	0.0809	12.8667	3.3907	0.0750	3.4657						
Total	4.8521	19.5681	84.5767	0.2384	15.5494	0.4311	15.9805	4.1826	0.3972	4.5799						

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9733	15.9965	55.1270	0.0982	2.7640	0.3502	3.1141	0.7921	0.3222	1.1143						
Worker	1.8038	3.3230	28.1507	0.1402	12.7858	0.0814	12.8672	3.3907	0.0755	3.4662						
Total	4.7771	19.3195	83.2777	0.2384	15.5498	0.4316	15.9813	4.1828	0.3977	4.5804						

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9733	15.9965	55.1270	0.0982	2.7640	0.3502	3.1141	0.7921	0.3222	1.1143						
Worker	1.8038	3.3230	28.1507	0.1402	12.7858	0.0814	12.8672	3.3907	0.0755	3.4662						
Total	4.7771	19.3195	83.2777	0.2384	15.5498	0.4316	15.9813	4.1828	0.3977	4.5804						

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9709	15.8980	54.9273	0.0982	2.7642	0.3501	3.1144	0.7922	0.3221	1.1143						
Worker	1.7376	3.2014	27.2238	0.1402	12.7858	0.0817	12.8675	3.3907	0.0758	3.4665						
Total	4.7085	19.0995	82.1511	0.2384	15.5500	0.4319	15.9819	4.1829	0.3979	4.5808						

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9709	15.8980	54.9273	0.0982	2.7642	0.3501	3.1144	0.7922	0.3221	1.1143						
Worker	1.7376	3.2014	27.2238	0.1402	12.7858	0.0817	12.8675	3.3907	0.0758	3.4665						
Total	4.7085	19.0995	82.1511	0.2384	15.5500	0.4319	15.9819	4.1829	0.3979	4.5808						

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9196	15.7774	54.3081	0.0982	2.7644	0.3500	3.1144	0.7923	0.3220	1.1143						
Worker	1.6778	3.0952	26.4598	0.1402	12.7858	0.0820	12.8678	3.3907	0.0761	3.4668						
Total	4.5973	18.8726	80.7679	0.2384	15.5502	0.4320	15.9822	4.1830	0.3981	4.5810						

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9196	15.7774	54.3081	0.0982	2.7644	0.3500	3.1144	0.7923	0.3220	1.1143						
Worker	1.6778	3.0952	26.4598	0.1402	12.7858	0.0820	12.8678	3.3907	0.0761	3.4668						
Total	4.5973	18.8726	80.7679	0.2384	15.5502	0.4320	15.9822	4.1830	0.3981	4.5810						

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9382	15.7074	54.3320	0.0982	2.7648	0.3501	3.1149	0.7924	0.3221	1.1145						
Worker	1.6211	2.9933	25.7496	0.1402	12.7858	0.0821	12.8680	3.3907	0.0762	3.4669						
Total	4.5593	18.7007	80.0816	0.2384	15.5506	0.4322	15.9828	4.1831	0.3983	4.5814						

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9382	15.7074	54.3320	0.0982	2.7648	0.3501	3.1149	0.7924	0.3221	1.1145						
Worker	1.6211	2.9933	25.7496	0.1402	12.7858	0.0821	12.8680	3.3907	0.0762	3.4669						
Total	4.5593	18.7007	80.0816	0.2384	15.5506	0.4322	15.9828	4.1831	0.3983	4.5814						

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9548	15.6501	54.3420	0.0982	2.7651	0.3502	3.1153	0.7926	0.3222	1.1148						
Worker	1.5694	2.9042	25.1372	0.1402	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.5242	18.5543	79.4792	0.2384	15.5509	0.4324	15.9833	4.1832	0.3985	4.5817						

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9548	15.6501	54.3420	0.0982	2.7651	0.3502	3.1153	0.7926	0.3222	1.1148						
Worker	1.5694	2.9042	25.1372	0.1402	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.5242	18.5543	79.4792	0.2384	15.5509	0.4324	15.9833	4.1832	0.3985	4.5817						

3.5 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9555	15.5839	54.2735	0.0982	2.7654	0.3502	3.1156	0.7927	0.3222	1.1149						
Worker	1.5213	2.8310	24.6403	0.1402	12.7858	0.0822	12.8681	3.3907	0.0763	3.4670						
Total	4.4768	18.4149	78.9138	0.2384	15.5512	0.4325	15.9837	4.1833	0.3985	4.5818						

3.5 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9555	15.5839	54.2735	0.0982	2.7654	0.3502	3.1156	0.7927	0.3222	1.1149						
Worker	1.5213	2.8310	24.6403	0.1402	12.7858	0.0822	12.8681	3.3907	0.0763	3.4670						
Total	4.4768	18.4149	78.9138	0.2384	15.5512	0.4325	15.9837	4.1833	0.3985	4.5818						

3.5 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9530	15.5297	54.2487	0.0983	2.7656	0.3502	3.1158	0.7928	0.3222	1.1149						
Worker	1.4726	2.7694	24.1644	0.1402	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.4257	18.2991	78.4131	0.2385	15.5514	0.4324	15.9838	4.1834	0.3984	4.5819						

3.5 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9530	15.5297	54.2487	0.0983	2.7656	0.3502	3.1158	0.7928	0.3222	1.1149						
Worker	1.4726	2.7694	24.1644	0.1402	12.7858	0.0822	12.8680	3.3907	0.0763	3.4669						
Total	4.4257	18.2991	78.4131	0.2385	15.5514	0.4324	15.9838	4.1834	0.3984	4.5819						

3.5 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9359	15.4790	54.2012	0.0983	2.7658	0.3500	3.1158	0.7928	0.3220	1.1148						
Worker	1.4295	2.7213	23.7516	0.1402	12.7858	0.0821	12.8679	3.3907	0.0762	3.4668						
Total	4.3653	18.2003	77.9528	0.2385	15.5516	0.4321	15.9837	4.1835	0.3981	4.5817						

3.5 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	2.9359	15.4790	54.2012	0.0983	2.7658	0.3500	3.1158	0.7928	0.3220	1.1148						
Worker	1.4295	2.7213	23.7516	0.1402	12.7858	0.0821	12.8679	3.3907	0.0762	3.4668						
Total	4.3653	18.2003	77.9528	0.2385	15.5516	0.4321	15.9837	4.1835	0.3981	4.5817						

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						
Total	10.2670	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5251	1.0014	8.4321	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.5251	1.0014	8.4321	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						
Total	10.2670	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.5251	1.0014	8.4321	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.5251	1.0014	8.4321	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						
Total	10.2437	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4947	0.9348	7.8737	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.4947	0.9348	7.8737	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						
Total	10.2437	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4947	0.9348	7.8737	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						
Total	0.4947	0.9348	7.8737	0.0280	2.5546	0.0157	2.5703	0.6775	0.0145	0.6920						

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						
Total	10.2293	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4680	0.8773	7.3826	0.0280	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						
Total	0.4680	0.8773	7.3826	0.0280	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						

3.6 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						
Total	10.2293	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4680	0.8773	7.3826	0.0280	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						
Total	0.4680	0.8773	7.3826	0.0280	2.5546	0.0157	2.5703	0.6775	0.0146	0.6920						

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						
Total	10.2164	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4433	0.8264	6.9315	0.0280	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						
Total	0.4433	0.8264	6.9315	0.0280	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						

3.6 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						
Total	10.2164	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4433	0.8264	6.9315	0.0280	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						
Total	0.4433	0.8264	6.9315	0.0280	2.5546	0.0157	2.5704	0.6775	0.0146	0.6921						

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	10.2055	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4221	0.7834	6.5745	0.0280	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						
Total	0.4221	0.7834	6.5745	0.0280	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						

3.6 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	10.2055	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4221	0.7834	6.5745	0.0280	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						
Total	0.4221	0.7834	6.5745	0.0280	2.5546	0.0158	2.5704	0.6775	0.0147	0.6921						

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4043	0.7470	6.2793	0.0280	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						
Total	0.4043	0.7470	6.2793	0.0280	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						

3.6 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.4043	0.7470	6.2793	0.0280	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						
Total	0.4043	0.7470	6.2793	0.0280	2.5546	0.0159	2.5705	0.6775	0.0148	0.6922						

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3886	0.7164	6.0340	0.0280	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						
Total	0.3886	0.7164	6.0340	0.0280	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						

3.6 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3886	0.7164	6.0340	0.0280	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						
Total	0.3886	0.7164	6.0340	0.0280	2.5546	0.0160	2.5706	0.6775	0.0149	0.6923						

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3739	0.6890	5.8164	0.0280	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						
Total	0.3739	0.6890	5.8164	0.0280	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						

3.6 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3739	0.6890	5.8164	0.0280	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						
Total	0.3739	0.6890	5.8164	0.0280	2.5546	0.0162	2.5708	0.6775	0.0150	0.6924						

3.6 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3604	0.6639	5.6245	0.0280	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						
Total	0.3604	0.6639	5.6245	0.0280	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						

3.6 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3604	0.6639	5.6245	0.0280	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						
Total	0.3604	0.6639	5.6245	0.0280	2.5546	0.0163	2.5709	0.6775	0.0151	0.6925						

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3472	0.6397	5.4393	0.0280	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						
Total	0.3472	0.6397	5.4393	0.0280	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						

3.6 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	10.1956	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3472	0.6397	5.4393	0.0280	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						
Total	0.3472	0.6397	5.4393	0.0280	2.5546	0.0163	2.5709	0.6775	0.0152	0.6926						

3.6 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3352	0.6184	5.2867	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3352	0.6184	5.2867	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3352	0.6184	5.2867	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3352	0.6184	5.2867	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3239	0.5981	5.1448	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3239	0.5981	5.1448	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3239	0.5981	5.1448	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3239	0.5981	5.1448	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 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	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3136	0.5803	5.0224	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3136	0.5803	5.0224	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3136	0.5803	5.0224	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3136	0.5803	5.0224	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3040	0.5656	4.9231	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3040	0.5656	4.9231	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.3040	0.5656	4.9231	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.3040	0.5656	4.9231	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.2942	0.5533	4.8280	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.2942	0.5533	4.8280	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						
Total	10.1555	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.2942	0.5533	4.8280	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.2942	0.5533	4.8280	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						
Total	10.1426	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.2856	0.5437	4.7456	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.2856	0.5437	4.7456	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

3.6 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0248					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						
Total	10.1426	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.2856	0.5437	4.7456	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						
Total	0.2856	0.5437	4.7456	0.0280	2.5546	0.0164	2.5710	0.6775	0.0152	0.6927						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	50.8948	113.2978	574.5307	1.7831	121.6205	2.5604	124.1809	32.6334	2.3617	34.9951						
Unmitigated	50.8948	113.2978	574.5307	1.7831	121.6205	2.5604	124.1809	32.6334	2.3617	34.9951						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,225.50	1,228.50	892.50	2,110,712	2,110,712
Manufacturing	3,376.88	1,317.16	548.08	9,361,921	9,361,921
Regional Shopping Center	4,294.00	4,997.00	2524.00	6,684,581	6,684,581
Regional Shopping Center	1,080.37	1,257.25	635.04	1,681,841	1,681,841
Research & Development	12,246.10	2,869.00	1676.10	24,406,406	24,406,406
Research & Development	372.25	87.21	50.95	741,890	741,890
Total	22,595.10	11,756.12	6,326.67	44,987,351	44,987,351

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
Hotel	13.41	5.81	5.81	19.40	61.60	19.00	58	38	4
Manufacturing	13.41	5.81	5.81	59.00	28.00	13.00	92	5	3
Regional Shopping Center	13.41	5.81	5.81	16.30	64.70	19.00	54	35	11
Regional Shopping Center	13.41	5.81	5.81	16.30	64.70	19.00	54	35	11
Research & Development	13.41	5.81	5.81	33.00	48.00	19.00	82	15	3
Research & Development	13.41	5.81	5.81	33.00	48.00	19.00	82	15	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.482064	0.068502	0.148828	0.142624	0.058603	0.006592	0.039838	0.040189	0.000921	0.001765	0.007545	0.000550	0.001979

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.1502	10.4564	8.7834	0.0627		0.7947	0.7947		0.7947	0.7947						
NaturalGas Unmitigated	1.6400	14.9092	12.5237	0.0895		1.1331	1.1331		1.1331	1.1331						

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Manufacturing	47493.8	0.5122	4.6563	3.9113	0.0279		0.3539	0.3539		0.3539	0.3539						
Regional Shopping Center	3367.12	0.0363	0.3301	0.2773	1.9800e-003		0.0251	0.0251		0.0251	0.0251						
Regional Shopping Center	847	9.1300e-003	0.0830	0.0698	5.0000e-004		6.3100e-003	6.3100e-003		6.3100e-003	6.3100e-003						
Research & Development	2466.08	0.0266	0.2418	0.2031	1.4500e-003		0.0184	0.0184		0.0184	0.0184						
Research & Development	81126.3	0.8749	7.9536	6.6810	0.0477		0.6045	0.6045		0.6045	0.6045						
Hotel	16773.6	0.1809	1.6445	1.3814	9.8700e-003		0.1250	0.1250		0.1250	0.1250						
Total		1.6400	14.9092	12.5237	0.0895		1.1331	1.1331		1.1331	1.1331						

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Manufacturing	33.2893	0.3590	3.2637	2.7415	0.0196		0.2480	0.2480		0.2480	0.2480						
Regional Shopping Center	0.600343	6.4700e-003	0.0589	0.0494	3.5000e-004		4.4700e-003	4.4700e-003		4.4700e-003	4.4700e-003						
Regional Shopping Center	2.38658	0.0257	0.2340	0.1965	1.4000e-003		0.0178	0.0178		0.0178	0.0178						
Research & Development	1.72852	0.0186	0.1695	0.1424	1.0200e-003		0.0129	0.0129		0.0129	0.0129						
Research & Development	56.8629	0.6132	5.5748	4.6828	0.0335		0.4237	0.4237		0.4237	0.4237						
Hotel	11.7881	0.1271	1.1557	0.9708	6.9300e-003		0.0878	0.0878		0.0878	0.0878						
Total		1.1502	10.4564	8.7834	0.0627		0.7947	0.7947		0.7947	0.7947						

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	55.1258	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Unmitigated	70.1799	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.6015					0.0000	0.0000		0.0000	0.0000						
Consumer Products	59.5531					0.0000	0.0000		0.0000	0.0000						
Landscaping	0.0252	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Total	70.1799	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000						
Consumer Products	55.1006					0.0000	0.0000		0.0000	0.0000						
Landscaping	0.0252	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						
Total	55.1258	2.4800e-003	0.2756	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004						

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Mace Ranch Innovation Center - Air Quality (MITIGATED)
Yolo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Research & Development	1,510.00	1000sqft	34.66	1,510,000.00	0
Research & Development	45.90	1000sqft	1.05	45,901.00	0
Manufacturing	884.00	1000sqft	20.29	884,000.00	0
Hotel	150.00	Room	5.00	217,800.00	0
Regional Shopping Center	100.00	1000sqft	2.30	100,000.00	0
Regional Shopping Center	25.16	1000sqft	0.58	25,155.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	54
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - *

On-road Fugitive Dust - all roadways would be paved

Grading - total project site (including Mace Triangle), with exception of PQP parcel = 224.42 acres

Vehicle Trips - based on VMT data from traffic consultant

Road Dust - all project roadways would be paved

Mobile Land Use Mitigation -

Area Mitigation - mitigation requires use of only zero-VOC paints

Energy Mitigation -

Water Mitigation - project required to comply with Tier 1 CALGreen Code standards

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	0
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	150	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	100	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	0
tblConstructionPhase	NumDays	75.00	3,860.00
tblConstructionPhase	NumDays	1,110.00	3,860.00
tblConstructionPhase	NumDays	110.00	395.00
tblConstructionPhase	NumDays	75.00	280.00
tblConstructionPhase	NumDays	40.00	150.00
tblConstructionPhase	PhaseEndDate	4/1/2050	6/29/2035
tblConstructionPhase	PhaseStartDate	6/16/2035	9/12/2020
tblGrading	AcresOfGrading	987.50	224.42
tblLandUse	LandUseSquareFeet	45,900.00	45,901.00
tblLandUse	LandUseSquareFeet	25,160.00	25,155.00

tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	HaulingPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	VendorPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblOnRoadDust	WorkerPercentPave	94.00	100.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblRoadDust	RoadPercentPave	94	100
tblVehicleTrips	CC_TL	6.60	5.81
tblVehicleTrips	CC_TL	6.60	5.81
tblVehicleTrips	CC_TL	6.60	5.81
tblVehicleTrips	CC_TL	6.60	5.81
tblVehicleTrips	CNW_TL	6.60	5.81
tblVehicleTrips	CNW_TL	6.60	5.81
tblVehicleTrips	CNW_TL	6.60	5.81
tblVehicleTrips	CNW_TL	6.60	5.81
tblVehicleTrips	CW_TL	14.70	13.41
tblVehicleTrips	CW_TL	14.70	13.41

tblVehicleTrips	CW_TL	14.70	13.41
tblVehicleTrips	CW_TL	14.70	13.41

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					
2017	0.3186	3.3709	2.6268	2.7100e-003	1.3694	0.1791	1.5486	0.7487	0.1648	0.9134						
2018	0.6883	7.6437	5.5907	8.2000e-003	2.6954	0.3598	3.0552	1.4199	0.3310	1.7510						
2019	0.4594	4.9836	3.9776	6.2800e-003	1.3373	0.2364	1.5737	0.6743	0.2175	0.8918						
2020	0.9268	3.4646	6.8254	0.0154	0.7840	0.1408	0.9247	0.2110	0.1309	0.3419						
2021	2.4192	5.8306	15.3951	0.0394	2.2883	0.1984	2.4867	0.6160	0.1862	0.8021						
2022	2.3379	5.2195	14.5576	0.0392	2.2796	0.1757	2.4553	0.6136	0.1648	0.7784						
2023	2.2455	4.7567	13.5011	0.0392	2.2796	0.1571	2.4367	0.6136	0.1473	0.7609						
2024	2.2249	4.6051	13.2095	0.0395	2.2972	0.1459	2.4432	0.6184	0.1367	0.7550						
2025	2.1759	4.4027	12.7070	0.0393	2.2885	0.1332	2.4217	0.6161	0.1246	0.7406						
2026	2.1603	4.3573	12.4533	0.0393	2.2886	0.1332	2.4218	0.6161	0.1246	0.7407						
2027	2.1502	4.3217	12.2636	0.0393	2.2886	0.1334	2.4220	0.6161	0.1248	0.7408						
2028	2.1310	4.2721	12.0383	0.0392	2.2799	0.1329	2.4128	0.6137	0.1243	0.7381						

	ROG	NOx	CO	SO2	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					
2029	2.1287	4.2590	11.9221	0.0393	2.2887	0.1335	2.4222	0.6161	0.1249	0.7410						
2030	2.1010	3.6051	11.7550	0.0398	2.2887	0.0802	2.3689	0.6161	0.0756	0.6918						
2031	2.0943	3.5819	11.6468	0.0399	2.2887	0.0802	2.3690	0.6161	0.0757	0.6918						
2032	2.0961	3.5757	11.5966	0.0400	2.2976	0.0806	2.3781	0.6185	0.0760	0.6945						
2033	2.0728	3.5298	11.4244	0.0397	2.2801	0.0800	2.3600	0.6138	0.0754	0.6892						
2034	2.0652	3.5143	11.3479	0.0397	2.2801	0.0799	2.3600	0.6138	0.0754	0.6892						
2035	0.9950	1.5702	5.2362	0.0185	1.0647	0.0329	1.0977	0.2866	0.0308	0.3174						
Total	33.7910	80.8644	200.0748	0.6038	39.2648	2.6932	41.9580	11.9586	2.5111	14.4697						

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					
2017	0.3186	3.3709	2.6268	2.7100e-003	1.3694	0.1791	1.5486	0.7487	0.1648	0.9134						
2018	0.6883	7.6436	5.5906	8.2000e-003	2.6954	0.3598	3.0552	1.4199	0.3310	1.7510						
2019	0.4594	4.9836	3.9775	6.2800e-003	1.3373	0.2364	1.5737	0.6743	0.2175	0.8918						
2020	0.9268	3.4646	6.8254	0.0154	0.7840	0.1408	0.9247	0.2110	0.1309	0.3419						
2021	2.4192	5.8306	15.3951	0.0394	2.2883	0.1984	2.4867	0.6160	0.1862	0.8021						

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	12.8055	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005						
Energy	0.2993	2.7209	2.2856	0.0163		0.2068	0.2068		0.2068	0.2068						
Mobile	7.0506	15.6551	71.1646	0.2614	16.9592	0.3674	17.3266	4.5631	0.3389	4.9020						
Waste						0.0000	0.0000		0.0000	0.0000						
Water						0.0000	0.0000		0.0000	0.0000						
Total	20.1554	18.3763	73.4750	0.2777	16.9592	0.5743	17.5335	4.5631	0.5458	5.1089						

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	10.0581	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005						
Energy	0.2099	1.9083	1.6030	0.0115		0.1450	0.1450		0.1450	0.1450						
Mobile	7.0506	15.6551	71.1646	0.2614	16.9592	0.3674	17.3266	4.5631	0.3389	4.9020						
Waste						0.0000	0.0000		0.0000	0.0000						
Water						0.0000	0.0000		0.0000	0.0000						
Total	17.3186	17.5636	72.7923	0.2729	16.9592	0.5125	17.4717	4.5631	0.4840	5.0471						

	ROG	NOx	CO	SO2	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	14.07	4.42	0.93	1.76	0.00	10.75	0.35	0.00	11.32	1.21	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/3/2017	1/26/2018	5	150	
2	Grading	Grading	1/27/2018	8/2/2019	5	395	
3	Paving	Paving	8/3/2019	8/28/2020	5	280	
4	Building Construction	Building Construction	8/29/2020	6/15/2035	5	3860	
5	Architectural Coating	Architectural Coating	9/12/2020	6/29/2035	5	3860	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 224.42

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 4,174,284; Non-Residential Outdoor: 1,391,428 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,001.00	456.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	200.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3550	0.0000	1.3550	0.7448	0.0000	0.7448						
Off-Road	0.3145	3.3640	2.5608	2.5400e-003		0.1790	0.1790		0.1647	0.1647						
Total	0.3145	3.3640	2.5608	2.5400e-003	1.3550	0.1790	1.5340	0.7448	0.1647	0.9095						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	4.0800e-003	6.9000e-003	0.0660	1.7000e-004	0.0145	1.0000e-004	0.0146	3.8500e-003	9.0000e-005	3.9300e-003						
Total	4.0800e-003	6.9000e-003	0.0660	1.7000e-004	0.0145	1.0000e-004	0.0146	3.8500e-003	9.0000e-005	3.9300e-003						

3.2 Site Preparation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3550	0.0000	1.3550	0.7448	0.0000	0.7448						
Off-Road	0.3145	3.3640	2.5608	2.5400e-003		0.1790	0.1790		0.1647	0.1647						
Total	0.3145	3.3640	2.5608	2.5400e-003	1.3550	0.1790	1.5340	0.7448	0.1647	0.9095						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	4.0800e-003	6.9000e-003	0.0660	1.7000e-004	0.0145	1.0000e-004	0.0146	3.8500e-003	9.0000e-005	3.9300e-003						
Total	4.0800e-003	6.9000e-003	0.0660	1.7000e-004	0.0145	1.0000e-004	0.0146	3.8500e-003	9.0000e-005	3.9300e-003						

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3550	0.0000	1.3550	0.7448	0.0000	0.7448						
Off-Road	0.0429	0.4561	0.3624	3.9000e-004		0.0237	0.0237		0.0218	0.0218						
Total	0.0429	0.4561	0.3624	3.9000e-004	1.3550	0.0237	1.3786	0.7448	0.0218	0.7666						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	5.5000e-004	9.5000e-004	9.0600e-003	3.0000e-005	2.2300e-003	1.0000e-005	2.2400e-003	5.9000e-004	1.0000e-005	6.1000e-004						
Total	5.5000e-004	9.5000e-004	9.0600e-003	3.0000e-005	2.2300e-003	1.0000e-005	2.2400e-003	5.9000e-004	1.0000e-005	6.1000e-004						

3.2 Site Preparation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3550	0.0000	1.3550	0.7448	0.0000	0.7448						
Off-Road	0.0429	0.4561	0.3624	3.9000e-004		0.0237	0.0237		0.0218	0.0218						
Total	0.0429	0.4561	0.3624	3.9000e-004	1.3550	0.0237	1.3786	0.7448	0.0218	0.7666						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	5.5000e-004	9.5000e-004	9.0600e-003	3.0000e-005	2.2300e-003	1.0000e-005	2.2400e-003	5.9000e-004	1.0000e-005	6.1000e-004						
Total	5.5000e-004	9.5000e-004	9.0600e-003	3.0000e-005	2.2300e-003	1.0000e-005	2.2400e-003	5.9000e-004	1.0000e-005	6.1000e-004						

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3084	0.0000	1.3084	0.6666	0.0000	0.6666						
Off-Road	0.6374	7.1738	5.0980	7.4400e-003		0.3360	0.3360		0.3091	0.3091						
Total	0.6374	7.1738	5.0980	7.4400e-003	1.3084	0.3360	1.6443	0.6666	0.3091	0.9757						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	7.4200e-003	0.0128	0.1213	3.5000e-004	0.0298	2.0000e-004	0.0300	7.9200e-003	1.8000e-004	8.1000e-003						
Total	7.4200e-003	0.0128	0.1213	3.5000e-004	0.0298	2.0000e-004	0.0300	7.9200e-003	1.8000e-004	8.1000e-003						

3.3 Grading - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3084	0.0000	1.3084	0.6666	0.0000	0.6666						
Off-Road	0.6374	7.1738	5.0980	7.4400e-003		0.3360	0.3360		0.3091	0.3091						
Total	0.6374	7.1738	5.0980	7.4400e-003	1.3084	0.3360	1.6443	0.6666	0.3091	0.9757						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	7.4200e-003	0.0128	0.1213	3.5000e-004	0.0298	2.0000e-004	0.0300	7.9200e-003	1.8000e-004	8.1000e-003						
Total	7.4200e-003	0.0128	0.1213	3.5000e-004	0.0298	2.0000e-004	0.0300	7.9200e-003	1.8000e-004	8.1000e-003						

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3084	0.0000	1.3084	0.6666	0.0000	0.6666						
Off-Road	0.3766	4.1732	3.1022	4.7500e-003		0.1929	0.1929		0.1775	0.1775						
Total	0.3766	4.1732	3.1022	4.7500e-003	1.3084	0.1929	1.5012	0.6666	0.1775	0.8441						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	4.2800e-003	7.4400e-003	0.0702	2.2000e-004	0.0190	1.2000e-004	0.0192	5.0600e-003	1.1000e-004	5.1700e-003						
Total	4.2800e-003	7.4400e-003	0.0702	2.2000e-004	0.0190	1.2000e-004	0.0192	5.0600e-003	1.1000e-004	5.1700e-003						

3.3 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3084	0.0000	1.3084	0.6666	0.0000	0.6666						
Off-Road	0.3766	4.1732	3.1022	4.7500e-003		0.1929	0.1929		0.1775	0.1775						
Total	0.3766	4.1732	3.1022	4.7500e-003	1.3084	0.1929	1.5012	0.6666	0.1775	0.8441						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	4.2800e-003	7.4400e-003	0.0702	2.2000e-004	0.0190	1.2000e-004	0.0192	5.0600e-003	1.1000e-004	5.1700e-003						
Total	4.2800e-003	7.4400e-003	0.0702	2.2000e-004	0.0190	1.2000e-004	0.0192	5.0600e-003	1.1000e-004	5.1700e-003						

3.4 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0763	0.7990	0.7685	1.1900e-003		0.0433	0.0433		0.0398	0.0398						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.0763	0.7990	0.7685	1.1900e-003		0.0433	0.0433		0.0398	0.0398						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	2.2300e-003	3.8800e-003	0.0366	1.2000e-004	9.9200e-003	6.0000e-005	9.9800e-003	2.6400e-003	6.0000e-005	2.7000e-003						
Total	2.2300e-003	3.8800e-003	0.0366	1.2000e-004	9.9200e-003	6.0000e-005	9.9800e-003	2.6400e-003	6.0000e-005	2.7000e-003						

3.4 Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0763	0.7990	0.7685	1.1900e-003		0.0433	0.0433		0.0398	0.0398						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.0763	0.7990	0.7685	1.1900e-003		0.0433	0.0433		0.0398	0.0398						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	2.2300e-003	3.8800e-003	0.0366	1.2000e-004	9.9200e-003	6.0000e-005	9.9800e-003	2.6400e-003	6.0000e-005	2.7000e-003						
Total	2.2300e-003	3.8800e-003	0.0366	1.2000e-004	9.9200e-003	6.0000e-005	9.9800e-003	2.6400e-003	6.0000e-005	2.7000e-003						

3.4 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1151	1.1924	1.2415	1.9300e-003		0.0639	0.0639		0.0588	0.0588						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.1151	1.1924	1.2415	1.9300e-003		0.0639	0.0639		0.0588	0.0588						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	3.3300e-003	5.7700e-003	0.0544	1.9000e-004	0.0160	1.0000e-004	0.0161	4.2600e-003	9.0000e-005	4.3600e-003						
Total	3.3300e-003	5.7700e-003	0.0544	1.9000e-004	0.0160	1.0000e-004	0.0161	4.2600e-003	9.0000e-005	4.3600e-003						

3.4 Paving - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1151	1.1924	1.2415	1.9300e-003		0.0639	0.0639		0.0588	0.0588						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.1151	1.1924	1.2415	1.9300e-003		0.0639	0.0639		0.0588	0.0588						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	3.3300e-003	5.7700e-003	0.0544	1.9000e-004	0.0160	1.0000e-004	0.0161	4.2600e-003	9.0000e-005	4.3600e-003						
Total	3.3300e-003	5.7700e-003	0.0544	1.9000e-004	0.0160	1.0000e-004	0.0161	4.2600e-003	9.0000e-005	4.3600e-003						

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0940	0.8492	0.7480	1.1900e-003		0.0495	0.0495		0.0466	0.0466						
Total	0.0940	0.8492	0.7480	1.1900e-003		0.0495	0.0495		0.0466	0.0466						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1746	1.1173	2.5123	4.4000e-003	0.1196	0.0188	0.1383	0.0344	0.0172	0.0516						
Worker	0.1142	0.1982	1.8660	6.4200e-003	0.5507	3.4900e-003	0.5542	0.1464	3.2400e-003	0.1496						
Total	0.2887	1.3155	4.3783	0.0108	0.6703	0.0222	0.6925	0.1808	0.0205	0.2013						

3.5 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0940	0.8492	0.7480	1.1900e-003		0.0495	0.0495		0.0466	0.0466						
Total	0.0940	0.8492	0.7480	1.1900e-003		0.0495	0.0495		0.0466	0.0466						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1746	1.1173	2.5123	4.4000e-003	0.1196	0.0188	0.1383	0.0344	0.0172	0.0516						
Worker	0.1142	0.1982	1.8660	6.4200e-003	0.5507	3.4900e-003	0.5542	0.1464	3.2400e-003	0.1496						
Total	0.2887	1.3155	4.3783	0.0108	0.6703	0.0222	0.6925	0.1808	0.0205	0.2013						

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172						
Total	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.4565	2.7173	6.8566	0.0129	0.3507	0.0493	0.4000	0.1009	0.0453	0.1462						
Worker	0.3157	0.5427	5.1201	0.0188	1.6149	0.0102	1.6251	0.4293	9.4900e-003	0.4388						
Total	0.7723	3.2600	11.9767	0.0317	1.9656	0.0595	2.0251	0.5302	0.0548	0.5850						

3.5 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172						
Total	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.4565	2.7173	6.8566	0.0129	0.3507	0.0493	0.4000	0.1009	0.0453	0.1462						
Worker	0.3157	0.5427	5.1201	0.0188	1.6149	0.0102	1.6251	0.4293	9.4900e-003	0.4388						
Total	0.7723	3.2600	11.9767	0.0317	1.9656	0.0595	2.0251	0.5302	0.0548	0.5850						

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	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986						
Total	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.4299	2.4078	6.4496	0.0128	0.3495	0.0481	0.3975	0.1005	0.0443	0.1448						
Worker	0.2979	0.5075	4.7922	0.0188	1.6087	0.0102	1.6189	0.4277	9.4800e-003	0.4372						
Total	0.7277	2.9153	11.2417	0.0316	1.9582	0.0583	2.0165	0.5282	0.0537	0.5819						

3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986						
Total	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.4299	2.4078	6.4496	0.0128	0.3495	0.0481	0.3975	0.1005	0.0443	0.1448						
Worker	0.2979	0.5075	4.7922	0.0188	1.6087	0.0102	1.6189	0.4277	9.4800e-003	0.4372						
Total	0.7277	2.9153	11.2417	0.0316	1.9582	0.0583	2.0165	0.5282	0.0537	0.5819						

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	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852						
Total	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3750	2.1529	5.7480	0.0128	0.3495	0.0450	0.3945	0.1005	0.0414	0.1420						
Worker	0.2824	0.4782	4.5095	0.0188	1.6087	0.0102	1.6189	0.4277	9.5000e-003	0.4372						
Total	0.6574	2.6311	10.2574	0.0316	1.9582	0.0553	2.0135	0.5282	0.0509	0.5791						

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852						
Total	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3750	2.1529	5.7480	0.0128	0.3495	0.0450	0.3945	0.1005	0.0414	0.1420						
Worker	0.2824	0.4782	4.5095	0.0188	1.6087	0.0102	1.6189	0.4277	9.5000e-003	0.4372						
Total	0.6574	2.6311	10.2574	0.0316	1.9582	0.0553	2.0135	0.5282	0.0509	0.5791						

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	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752						
Total	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3708	2.1448	5.6788	0.0129	0.3523	0.0455	0.3978	0.1013	0.0419	0.1432						
Worker	0.2711	0.4569	4.3175	0.0189	1.6211	0.0104	1.6314	0.4310	9.6100e-003	0.4406						
Total	0.6419	2.6017	9.9963	0.0318	1.9733	0.0559	2.0292	0.5323	0.0515	0.5838						

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752						
Total	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3708	2.1448	5.6788	0.0129	0.3523	0.0455	0.3978	0.1013	0.0419	0.1432						
Worker	0.2711	0.4569	4.3175	0.0189	1.6211	0.0104	1.6314	0.4310	9.6100e-003	0.4406						
Total	0.6419	2.6017	9.9963	0.0318	1.9733	0.0559	2.0292	0.5323	0.0515	0.5838						

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3573	2.1129	5.4407	0.0128	0.3510	0.0455	0.3964	0.1010	0.0418	0.1428						
Worker	0.2587	0.4342	4.1136	0.0188	1.6149	0.0104	1.6253	0.4293	9.6300e-003	0.4390						
Total	0.6160	2.5470	9.5543	0.0317	1.9659	0.0558	2.0217	0.5303	0.0515	0.5817						

3.5 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3573	2.1129	5.4407	0.0128	0.3510	0.0455	0.3964	0.1010	0.0418	0.1428						
Worker	0.2587	0.4342	4.1136	0.0188	1.6149	0.0104	1.6253	0.4293	9.6300e-003	0.4390						
Total	0.6160	2.5470	9.5543	0.0317	1.9659	0.0558	2.0217	0.5303	0.0515	0.5817						

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3536	2.0887	5.3743	0.0128	0.3510	0.0454	0.3964	0.1010	0.0418	0.1428						
Worker	0.2488	0.4164	3.9575	0.0188	1.6149	0.0105	1.6254	0.4293	9.7200e-003	0.4390						
Total	0.6024	2.5051	9.3317	0.0317	1.9659	0.0559	2.0218	0.5303	0.0515	0.5818						

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3536	2.0887	5.3743	0.0128	0.3510	0.0454	0.3964	0.1010	0.0418	0.1428						
Worker	0.2488	0.4164	3.9575	0.0188	1.6149	0.0105	1.6254	0.4293	9.7200e-003	0.4390						
Total	0.6024	2.5051	9.3317	0.0317	1.9659	0.0559	2.0218	0.5303	0.0515	0.5818						

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3547	2.0721	5.3509	0.0128	0.3511	0.0455	0.3965	0.1010	0.0418	0.1428						
Worker	0.2394	0.4006	3.8189	0.0188	1.6149	0.0106	1.6254	0.4293	9.7900e-003	0.4391						
Total	0.5941	2.4727	9.1697	0.0317	1.9659	0.0560	2.0220	0.5303	0.0516	0.5819						

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3547	2.0721	5.3509	0.0128	0.3511	0.0455	0.3965	0.1010	0.0418	0.1428						
Worker	0.2394	0.4006	3.8189	0.0188	1.6149	0.0106	1.6254	0.4293	9.7900e-003	0.4391						
Total	0.5941	2.4727	9.1697	0.0317	1.9659	0.0560	2.0220	0.5303	0.0516	0.5819						

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	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642						
Total	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3528	2.0485	5.2986	0.0128	0.3498	0.0453	0.3950	0.1006	0.0417	0.1423						
Worker	0.2298	0.3846	3.6821	0.0188	1.6087	0.0106	1.6193	0.4277	9.8100e-003	0.4375						
Total	0.5826	2.4331	8.9807	0.0316	1.9585	0.0559	2.0143	0.5283	0.0515	0.5798						

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642						
Total	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3528	2.0485	5.2986	0.0128	0.3498	0.0453	0.3950	0.1006	0.0417	0.1423						
Worker	0.2298	0.3846	3.6821	0.0188	1.6087	0.0106	1.6193	0.4277	9.8100e-003	0.4375						
Total	0.5826	2.4331	8.9807	0.0316	1.9585	0.0559	2.0143	0.5283	0.0515	0.5798						

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3540	2.0438	5.2987	0.0129	0.3511	0.0455	0.3966	0.1010	0.0418	0.1428						
Worker	0.2221	0.3720	3.5778	0.0188	1.6149	0.0107	1.6256	0.4293	9.9000e-003	0.4392						
Total	0.5761	2.4157	8.8764	0.0317	1.9660	0.0561	2.0221	0.5303	0.0517	0.5821						

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3540	2.0438	5.2987	0.0129	0.3511	0.0455	0.3966	0.1010	0.0418	0.1428						
Worker	0.2221	0.3720	3.5778	0.0188	1.6149	0.0107	1.6256	0.4293	9.9000e-003	0.4392						
Total	0.5761	2.4157	8.8764	0.0317	1.9660	0.0561	2.0221	0.5303	0.0517	0.5821						

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	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3483	2.0285	5.2400	0.0129	0.3512	0.0454	0.3966	0.1010	0.0418	0.1428						
Worker	0.2143	0.3597	3.4800	0.0188	1.6149	0.0107	1.6256	0.4293	9.9300e-003	0.4392						
Total	0.5627	2.3882	8.7200	0.0317	1.9661	0.0561	2.0222	0.5304	0.0517	0.5821						

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3483	2.0285	5.2400	0.0129	0.3512	0.0454	0.3966	0.1010	0.0418	0.1428						
Worker	0.2143	0.3597	3.4800	0.0188	1.6149	0.0107	1.6256	0.4293	9.9300e-003	0.4392						
Total	0.5627	2.3882	8.7200	0.0317	1.9661	0.0561	2.0222	0.5304	0.0517	0.5821						

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	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3505	2.0194	5.2407	0.0129	0.3512	0.0455	0.3967	0.1011	0.0418	0.1429						
Worker	0.2069	0.3479	3.3892	0.0188	1.6149	0.0107	1.6256	0.4293	9.9500e-003	0.4393						
Total	0.5574	2.3673	8.6299	0.0317	1.9661	0.0562	2.0223	0.5304	0.0518	0.5821						

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3505	2.0194	5.2407	0.0129	0.3512	0.0455	0.3967	0.1011	0.0418	0.1429						
Worker	0.2069	0.3479	3.3892	0.0188	1.6149	0.0107	1.6256	0.4293	9.9500e-003	0.4393						
Total	0.5574	2.3673	8.6299	0.0317	1.9661	0.0562	2.0223	0.5304	0.0518	0.5821						

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	0.1708	1.0372	2.1132	4.0400e-003		0.0193	0.0193		0.0193	0.0193						
Total	0.1708	1.0372	2.1132	4.0400e-003		0.0193	0.0193		0.0193	0.0193						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3539	2.0197	5.2603	0.0129	0.3526	0.0456	0.3982	0.1015	0.0420	0.1435						
Worker	0.2009	0.3389	3.3236	0.0189	1.6211	0.0108	1.6319	0.4310	9.9900e-003	0.4410						
Total	0.5547	2.3586	8.5838	0.0318	1.9737	0.0564	2.0301	0.5324	0.0520	0.5844						

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0372	2.1132	4.0400e-003		0.0193	0.0193		0.0193	0.0193						
Total	0.1708	1.0372	2.1132	4.0400e-003		0.0193	0.0193		0.0193	0.0193						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3539	2.0197	5.2603	0.0129	0.3526	0.0456	0.3982	0.1015	0.0420	0.1435						
Worker	0.2009	0.3389	3.3236	0.0189	1.6211	0.0108	1.6319	0.4310	9.9900e-003	0.4410						
Total	0.5547	2.3586	8.5838	0.0318	1.9737	0.0564	2.0301	0.5324	0.0520	0.5844						

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	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3513	1.9958	5.2124	0.0128	0.3499	0.0453	0.3952	0.1007	0.0417	0.1424						
Worker	0.1932	0.3279	3.2349	0.0188	1.6087	0.0107	1.6194	0.4277	9.9200e-003	0.4376						
Total	0.5445	2.3237	8.4473	0.0316	1.9586	0.0560	2.0146	0.5284	0.0516	0.5800						

3.5 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3513	1.9958	5.2124	0.0128	0.3499	0.0453	0.3952	0.1007	0.0417	0.1424						
Worker	0.1932	0.3279	3.2349	0.0188	1.6087	0.0107	1.6194	0.4277	9.9200e-003	0.4376						
Total	0.5445	2.3237	8.4473	0.0316	1.9586	0.0560	2.0146	0.5284	0.0516	0.5800						

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	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3511	1.9889	5.2088	0.0128	0.3500	0.0453	0.3953	0.1007	0.0417	0.1424						
Worker	0.1870	0.3208	3.1742	0.0188	1.6087	0.0107	1.6194	0.4277	9.9100e-003	0.4376						
Total	0.5380	2.3096	8.3830	0.0316	1.9587	0.0560	2.0146	0.5284	0.0516	0.5800						

3.5 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3511	1.9889	5.2088	0.0128	0.3500	0.0453	0.3953	0.1007	0.0417	0.1424						
Worker	0.1870	0.3208	3.1742	0.0188	1.6087	0.0107	1.6194	0.4277	9.9100e-003	0.4376						
Total	0.5380	2.3096	8.3830	0.0316	1.9587	0.0560	2.0146	0.5284	0.0516	0.5800						

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	0.0727	0.4291	0.9655	1.8500e-003		5.4000e-003	5.4000e-003		5.4000e-003	5.4000e-003						
Total	0.0727	0.4291	0.9655	1.8500e-003		5.4000e-003	5.4000e-003		5.4000e-003	5.4000e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1612	0.9149	2.4015	5.9100e-003	0.1615	0.0209	0.1824	0.0465	0.0192	0.0657						
Worker	0.0838	0.1455	1.4407	8.6600e-003	0.7425	4.9300e-003	0.7474	0.1974	4.5700e-003	0.2020						
Total	0.2449	1.0604	3.8422	0.0146	0.9040	0.0258	0.9298	0.2439	0.0238	0.2677						

3.5 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0727	0.4291	0.9655	1.8500e-003		5.4000e-003	5.4000e-003		5.4000e-003	5.4000e-003						
Total	0.0727	0.4291	0.9655	1.8500e-003		5.4000e-003	5.4000e-003		5.4000e-003	5.4000e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1612	0.9149	2.4015	5.9100e-003	0.1615	0.0209	0.1824	0.0465	0.0192	0.0657						
Worker	0.0838	0.1455	1.4407	8.6600e-003	0.7425	4.9300e-003	0.7474	0.1974	4.5700e-003	0.2020						
Total	0.2449	1.0604	3.8422	0.0146	0.9040	0.0258	0.9298	0.2439	0.0238	0.2677						

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3960					0.0000	0.0000		0.0000	0.0000						
Off-Road	9.5700e-003	0.0665	0.0723	1.2000e-004		4.3800e-003	4.3800e-003		4.3800e-003	4.3800e-003						
Total	0.4056	0.0665	0.0723	1.2000e-004		4.3800e-003	4.3800e-003		4.3800e-003	4.3800e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0203	0.0352	0.3309	1.1400e-003	0.0977	6.2000e-004	0.0983	0.0260	5.7000e-004	0.0265						
Total	0.0203	0.0352	0.3309	1.1400e-003	0.0977	6.2000e-004	0.0983	0.0260	5.7000e-004	0.0265						

3.6 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3960					0.0000	0.0000		0.0000	0.0000						
Off-Road	9.5700e-003	0.0665	0.0723	1.2000e-004		4.3800e-003	4.3800e-003		4.3800e-003	4.3800e-003						
Total	0.4056	0.0665	0.0723	1.2000e-004		4.3800e-003	4.3800e-003		4.3800e-003	4.3800e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0203	0.0352	0.3309	1.1400e-003	0.0977	6.2000e-004	0.0983	0.0260	5.7000e-004	0.0265						
Total	0.0203	0.0352	0.3309	1.1400e-003	0.0977	6.2000e-004	0.0983	0.0260	5.7000e-004	0.0265						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123						
Total	1.3368	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0631	0.1084	1.0230	3.7600e-003	0.3227	2.0500e-003	0.3247	0.0858	1.9000e-003	0.0877						
Total	0.0631	0.1084	1.0230	3.7600e-003	0.3227	2.0500e-003	0.3247	0.0858	1.9000e-003	0.0877						

3.6 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123						
Total	1.3368	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0631	0.1084	1.0230	3.7600e-003	0.3227	2.0500e-003	0.3247	0.0858	1.9000e-003	0.0877						
Total	0.0631	0.1084	1.0230	3.7600e-003	0.3227	2.0500e-003	0.3247	0.0858	1.9000e-003	0.0877						

3.6 Architectural Coating - 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					
Archit. Coating	1.3032					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106						
Total	1.3298	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0595	0.1014	0.9575	3.7500e-003	0.3214	2.0400e-003	0.3235	0.0855	1.8900e-003	0.0873						
Total	0.0595	0.1014	0.9575	3.7500e-003	0.3214	2.0400e-003	0.3235	0.0855	1.8900e-003	0.0873						

3.6 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3032					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106						
Total	1.3298	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0595	0.1014	0.9575	3.7500e-003	0.3214	2.0400e-003	0.3235	0.0855	1.8900e-003	0.0873						
Total	0.0595	0.1014	0.9575	3.7500e-003	0.3214	2.0400e-003	0.3235	0.0855	1.8900e-003	0.0873						

3.6 Architectural Coating - 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					
Archit. Coating	1.3032					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0249	0.1694	0.2355	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003						
Total	1.3281	0.1694	0.2355	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0564	0.0956	0.9010	3.7500e-003	0.3214	2.0500e-003	0.3235	0.0855	1.9000e-003	0.0874						
Total	0.0564	0.0956	0.9010	3.7500e-003	0.3214	2.0500e-003	0.3235	0.0855	1.9000e-003	0.0874						

3.6 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3032					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0249	0.1694	0.2354	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003						
Total	1.3281	0.1694	0.2354	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0564	0.0956	0.9010	3.7500e-003	0.3214	2.0500e-003	0.3235	0.0855	1.9000e-003	0.0874						
Total	0.0564	0.0956	0.9010	3.7500e-003	0.3214	2.0500e-003	0.3235	0.0855	1.9000e-003	0.0874						

3.6 Architectural Coating - 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					
Archit. Coating	1.3132					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003						
Total	1.3369	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0542	0.0913	0.8626	3.7800e-003	0.3239	2.0700e-003	0.3260	0.0861	1.9200e-003	0.0880						
Total	0.0542	0.0913	0.8626	3.7800e-003	0.3239	2.0700e-003	0.3260	0.0861	1.9200e-003	0.0880						

3.6 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3132					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003						
Total	1.3369	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0542	0.0913	0.8626	3.7800e-003	0.3239	2.0700e-003	0.3260	0.0861	1.9200e-003	0.0880						
Total	0.0542	0.0913	0.8626	3.7800e-003	0.3239	2.0700e-003	0.3260	0.0861	1.9200e-003	0.0880						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0517	0.0867	0.8219	3.7600e-003	0.3227	2.0700e-003	0.3247	0.0858	1.9200e-003	0.0877						
Total	0.0517	0.0867	0.8219	3.7600e-003	0.3227	2.0700e-003	0.3247	0.0858	1.9200e-003	0.0877						

3.6 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0517	0.0867	0.8219	3.7600e-003	0.3227	2.0700e-003	0.3247	0.0858	1.9200e-003	0.0877						
Total	0.0517	0.0867	0.8219	3.7600e-003	0.3227	2.0700e-003	0.3247	0.0858	1.9200e-003	0.0877						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0497	0.0832	0.7907	3.7600e-003	0.3227	2.0900e-003	0.3248	0.0858	1.9400e-003	0.0877						
Total	0.0497	0.0832	0.7907	3.7600e-003	0.3227	2.0900e-003	0.3248	0.0858	1.9400e-003	0.0877						

3.6 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0497	0.0832	0.7907	3.7600e-003	0.3227	2.0900e-003	0.3248	0.0858	1.9400e-003	0.0877						
Total	0.0497	0.0832	0.7907	3.7600e-003	0.3227	2.0900e-003	0.3248	0.0858	1.9400e-003	0.0877						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0478	0.0800	0.7630	3.7600e-003	0.3227	2.1100e-003	0.3248	0.0858	1.9600e-003	0.0877						
Total	0.0478	0.0800	0.7630	3.7600e-003	0.3227	2.1100e-003	0.3248	0.0858	1.9600e-003	0.0877						

3.6 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0478	0.0800	0.7630	3.7600e-003	0.3227	2.1100e-003	0.3248	0.0858	1.9600e-003	0.0877						
Total	0.0478	0.0800	0.7630	3.7600e-003	0.3227	2.1100e-003	0.3248	0.0858	1.9600e-003	0.0877						

3.6 Architectural Coating - 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					
Archit. Coating	1.3032					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003						
Total	1.3254	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0459	0.0768	0.7357	3.7500e-003	0.3214	2.1100e-003	0.3235	0.0855	1.9600e-003	0.0874						
Total	0.0459	0.0768	0.7357	3.7500e-003	0.3214	2.1100e-003	0.3235	0.0855	1.9600e-003	0.0874						

3.6 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3032					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003						
Total	1.3254	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0459	0.0768	0.7357	3.7500e-003	0.3214	2.1100e-003	0.3235	0.0855	1.9600e-003	0.0874						
Total	0.0459	0.0768	0.7357	3.7500e-003	0.3214	2.1100e-003	0.3235	0.0855	1.9600e-003	0.0874						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0444	0.0743	0.7148	3.7600e-003	0.3227	2.1300e-003	0.3248	0.0858	1.9800e-003	0.0878						
Total	0.0444	0.0743	0.7148	3.7600e-003	0.3227	2.1300e-003	0.3248	0.0858	1.9800e-003	0.0878						

3.6 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						
Total	1.3305	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0444	0.0743	0.7148	3.7600e-003	0.3227	2.1300e-003	0.3248	0.0858	1.9800e-003	0.0878						
Total	0.0444	0.0743	0.7148	3.7600e-003	0.3227	2.1300e-003	0.3248	0.0858	1.9800e-003	0.0878						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						
Total	1.3253	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0428	0.0719	0.6953	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9800e-003	0.0878						
Total	0.0428	0.0719	0.6953	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9800e-003	0.0878						

3.6 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						
Total	1.3253	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0428	0.0719	0.6953	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9800e-003	0.0878						
Total	0.0428	0.0719	0.6953	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9800e-003	0.0878						

3.6 Architectural Coating - 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					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						
Total	1.3253	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0413	0.0695	0.6772	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9900e-003	0.0878						
Total	0.0413	0.0695	0.6772	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9900e-003	0.0878						

3.6 Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3082					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						
Total	1.3253	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0413	0.0695	0.6772	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9900e-003	0.0878						
Total	0.0413	0.0695	0.6772	3.7600e-003	0.3227	2.1400e-003	0.3248	0.0858	1.9900e-003	0.0878						

3.6 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	1.3132					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						
Total	1.3304	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0401	0.0677	0.6641	3.7800e-003	0.3239	2.1500e-003	0.3260	0.0861	2.0000e-003	0.0881						
Total	0.0401	0.0677	0.6641	3.7800e-003	0.3239	2.1500e-003	0.3260	0.0861	2.0000e-003	0.0881						

3.6 Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3132					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						
Total	1.3304	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0401	0.0677	0.6641	3.7800e-003	0.3239	2.1500e-003	0.3260	0.0861	2.0000e-003	0.0881						
Total	0.0401	0.0677	0.6641	3.7800e-003	0.3239	2.1500e-003	0.3260	0.0861	2.0000e-003	0.0881						

3.6 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	1.3032					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						
Total	1.3202	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0386	0.0655	0.6463	3.7500e-003	0.3214	2.1400e-003	0.3236	0.0855	1.9800e-003	0.0874						
Total	0.0386	0.0655	0.6463	3.7500e-003	0.3214	2.1400e-003	0.3236	0.0855	1.9800e-003	0.0874						

3.6 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3032					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						
Total	1.3202	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0386	0.0655	0.6463	3.7500e-003	0.3214	2.1400e-003	0.3236	0.0855	1.9800e-003	0.0874						
Total	0.0386	0.0655	0.6463	3.7500e-003	0.3214	2.1400e-003	0.3236	0.0855	1.9800e-003	0.0874						

3.6 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3032					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						
Total	1.3202	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0374	0.0641	0.6342	3.7500e-003	0.3214	2.1300e-003	0.3236	0.0855	1.9800e-003	0.0874						
Total	0.0374	0.0641	0.6342	3.7500e-003	0.3214	2.1300e-003	0.3236	0.0855	1.9800e-003	0.0874						

3.6 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3032					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						
Total	1.3202	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0374	0.0641	0.6342	3.7500e-003	0.3214	2.1300e-003	0.3236	0.0855	1.9800e-003	0.0874						
Total	0.0374	0.0641	0.6342	3.7500e-003	0.3214	2.1300e-003	0.3236	0.0855	1.9800e-003	0.0874						

3.6 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	0.6516					0.0000	0.0000		0.0000	0.0000						
Off-Road	7.6600e-003	0.0493	0.1166	1.9000e-004		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004						
Total	0.6593	0.0493	0.1166	1.9000e-004		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0181	0.0315	0.3118	1.8700e-003	0.1607	1.0700e-003	0.1618	0.0427	9.9000e-004	0.0437						
Total	0.0181	0.0315	0.3118	1.8700e-003	0.1607	1.0700e-003	0.1618	0.0427	9.9000e-004	0.0437						

3.6 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6516					0.0000	0.0000		0.0000	0.0000						
Off-Road	7.6600e-003	0.0493	0.1166	1.9000e-004		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004						
Total	0.6593	0.0493	0.1166	1.9000e-004		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0181	0.0315	0.3118	1.8700e-003	0.1607	1.0700e-003	0.1618	0.0427	9.9000e-004	0.0437						
Total	0.0181	0.0315	0.3118	1.8700e-003	0.1607	1.0700e-003	0.1618	0.0427	9.9000e-004	0.0437						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	7.0506	15.6551	71.1646	0.2614	16.9592	0.3674	17.3266	4.5631	0.3389	4.9020						
Unmitigated	7.0506	15.6551	71.1646	0.2614	16.9592	0.3674	17.3266	4.5631	0.3389	4.9020						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,225.50	1,228.50	892.50	2,110,712	2,110,712
Manufacturing	3,376.88	1,317.16	548.08	9,361,921	9,361,921
Regional Shopping Center	4,294.00	4,997.00	2524.00	6,684,581	6,684,581
Regional Shopping Center	1,080.37	1,257.25	635.04	1,681,841	1,681,841
Research & Development	12,246.10	2,869.00	1676.10	24,406,406	24,406,406
Research & Development	372.25	87.21	50.95	741,890	741,890
Total	22,595.10	11,756.12	6,326.67	44,987,351	44,987,351

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
Hotel	13.41	5.81	5.81	19.40	61.60	19.00	58	38	4
Manufacturing	13.41	5.81	5.81	59.00	28.00	13.00	92	5	3
Regional Shopping Center	13.41	5.81	5.81	16.30	64.70	19.00	54	35	11
Regional Shopping Center	13.41	5.81	5.81	16.30	64.70	19.00	54	35	11
Research & Development	13.41	5.81	5.81	33.00	48.00	19.00	82	15	3
Research & Development	13.41	5.81	5.81	33.00	48.00	19.00	82	15	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.482064	0.068502	0.148828	0.142624	0.058603	0.006592	0.039838	0.040189	0.000921	0.001765	0.007545	0.000550	0.001979

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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						
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000						
NaturalGas Mitigated	0.2099	1.9083	1.6030	0.0115		0.1450	0.1450		0.1450	0.1450						
NaturalGas Unmitigated	0.2993	2.7209	2.2856	0.0163		0.2068	0.2068		0.2068	0.2068						

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hotel	6.12236e+006	0.0330	0.3001	0.2521	1.8000e-003		0.0228	0.0228		0.0228	0.0228						
Manufacturing	1.73352e+007	0.0935	0.8498	0.7138	5.1000e-003		0.0646	0.0646		0.0646	0.0646						
Regional Shopping Center	1.229e+006	6.6300e-003	0.0603	0.0506	3.6000e-004		4.5800e-003	4.5800e-003		4.5800e-003	4.5800e-003						
Regional Shopping Center	309155	1.6700e-003	0.0152	0.0127	9.0000e-005		1.1500e-003	1.1500e-003		1.1500e-003	1.1500e-003						
Research & Development	2.96111e+007	0.1597	1.4515	1.2193	8.7100e-003		0.1103	0.1103		0.1103	0.1103						
Research & Development	900119	4.8500e-003	0.0441	0.0371	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003						
Total		0.2993	2.7209	2.2856	0.0163		0.2068	0.2068		0.2068	0.2068						

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Manufacturing	1.21506e+007	0.0655	0.5956	0.5003	3.5700e-003		0.0453	0.0453		0.0453	0.0453						
Regional Shopping Center	219125	1.1800e-003	0.0107	9.0200e-003	6.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004						
Regional Shopping Center	871100	4.7000e-003	0.0427	0.0359	2.6000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003						
Research & Development	2.0755e+007	0.1119	1.0174	0.8546	6.1000e-003		0.0773	0.0773		0.0773	0.0773						
Research & Development	630909	3.4000e-003	0.0309	0.0260	1.9000e-004		2.3500e-003	2.3500e-003		2.3500e-003	2.3500e-003						
Hotel	4.30264e+006	0.0232	0.2109	0.1772	1.2700e-003		0.0160	0.0160		0.0160	0.0160						
Total		0.2099	1.9083	1.6030	0.0115		0.1450	0.1450		0.1450	0.1450						

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hotel	1.63786e+006				
Manufacturing	8.15932e+006				
Regional Shopping Center	1.339e+006				
Regional Shopping Center	336825				
Research & Development	1.39373e+007				
Research & Development	423666				
Total					

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hotel	744114				
Manufacturing	3.81181e+006				
Regional Shopping Center	150452				
Regional Shopping Center	598100				
Research & Development	197925				
Research & Development	6.51112e+006				
Total					

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated	10.0581	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005							
Unmitigated	12.8055	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005							

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating	1.9348					0.0000	0.0000		0.0000	0.0000							
Consumer Products	10.8684					0.0000	0.0000		0.0000	0.0000							
Landscaping	2.2700e-003	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005							
Total	12.8055	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005							

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	0.0000					0.0000	0.0000		0.0000	0.0000						
Consumer Products	10.0559					0.0000	0.0000		0.0000	0.0000						
Landscaping	2.2700e-003	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005						
Total	10.0581	2.2000e-004	0.0248	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005						

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				
Unmitigated				

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hotel	3.80502 / 0.422779				
Manufacturing	204.425 / 0				
Regional Shopping Center	9.27092 / 5.68217				
Research & Development	765.027 / 0				
Total					

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hotel	2.66351 / 0.422779				
Manufacturing	143.098 / 0				
Regional Shopping Center	6.48964 / 5.68217				
Research & Development	535.519 / 0				
Total					

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				
Unmitigated				

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hotel	82.13				
Manufacturing	1096.16				
Regional Shopping Center	131.42				
Research & Development	118.24				
Total					

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hotel	82.13				
Manufacturing	1096.16				
Regional Shopping Center	131.42				
Research & Development	118.24				
Total					

9.0 Operational Offroad

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

Mace Ranch Innovation Center - Air Quality (MITIGATED)

Yolo County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Cranes	Diesel	No Change	0	1	No Change	0.00
Excavators	Diesel	No Change	0	2	No Change	0.00
Forklifts	Diesel	No Change	0	3	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Graders	Diesel	No Change	0	1	No Change	0.00
Pavers	Diesel	No Change	0	2	No Change	0.00
Paving Equipment	Diesel	No Change	0	2	No Change	0.00
Rollers	Diesel	No Change	0	2	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	4	No Change	0.00
Scrapers	Diesel	No Change	0	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	9	No Change	0.00
Welders	Diesel	No Change	0	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	3.17630E-001	2.13234E+000	3.48618E+000	5.73000E-003	9.19400E-002	9.19400E-002						
Cranes	5.15850E-001	4.31996E+000	2.71083E+000	1.03400E-002	1.75840E-001	1.63120E-001						
Excavators	1.12620E-001	1.18846E+000	1.32468E+000	2.09000E-003	5.75200E-002	5.29200E-002						
Forklifts	5.50450E-001	4.40816E+000	6.72340E+000	9.61000E-003	2.15610E-001	1.99470E-001						
Generator Sets	4.95590E-001	4.46859E+000	7.05460E+000	1.27000E-002	1.68440E-001	1.68440E-001						
Graders	1.59260E-001	1.58398E+000	9.16620E-001	1.23000E-003	8.89000E-002	8.17800E-002						
Pavers	7.33000E-002	7.88960E-001	7.80650E-001	1.27000E-003	3.84700E-002	3.53900E-002						
Paving Equipment	5.77900E-002	6.02630E-001	6.97720E-001	1.12000E-003	3.00500E-002	2.76400E-002						
Rollers	6.02500E-002	5.99810E-001	5.31630E-001	7.30000E-004	3.87200E-002	3.56200E-002						
Rubber Tired Dozers	4.73290E-001	5.18389E+000	3.94429E+000	3.76000E-003	2.39960E-001	2.20760E-001						
Scrapers	4.33260E-001	5.32047E+000	3.30415E+000	5.89000E-003	2.09230E-001	1.92500E-001						
Tractors/Loaders/Backhoes	9.85500E-001	8.57557E+000	1.31672E+001	1.92200E-002	3.96300E-001	3.67360E-001						
Welders	4.13740E-001	2.54561E+000	3.17587E+000	4.93000E-003	7.30800E-002	7.30800E-002						

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	3.17630E-001	2.13233E+000	3.48618E+000	5.73000E-003	9.19400E-002	9.19400E-002						
Cranes	5.15850E-001	4.31996E+000	2.71083E+000	1.03400E-002	1.75840E-001	1.63120E-001						
Excavators	1.12620E-001	1.18846E+000	1.32467E+000	2.09000E-003	5.75200E-002	5.29200E-002						
Forklifts	5.50450E-001	4.40816E+000	6.72339E+000	9.61000E-003	2.15610E-001	1.99470E-001						
Generator Sets	4.95590E-001	4.46859E+000	7.05459E+000	1.27000E-002	1.68440E-001	1.68440E-001						
Graders	1.59260E-001	1.58398E+000	9.16620E-001	1.23000E-003	8.89000E-002	8.17800E-002						
Pavers	7.33000E-002	7.88950E-001	7.80650E-001	1.27000E-003	3.84700E-002	3.53900E-002						
Paving Equipment	5.77900E-002	6.02630E-001	6.97720E-001	1.12000E-003	3.00500E-002	2.76400E-002						
Rollers	6.02500E-002	5.99810E-001	5.31630E-001	7.30000E-004	3.87200E-002	3.56200E-002						
Rubber Tired Dozers	4.73290E-001	5.18389E+000	3.94429E+000	3.76000E-003	2.39960E-001	2.20760E-001						
Scrapers	4.33260E-001	5.32046E+000	3.30414E+000	5.89000E-003	2.09230E-001	1.92500E-001						
Tractors/Loaders/Balkhoes	9.85500E-001	8.57556E+000	1.31672E+001	1.92200E-002	3.96300E-001	3.67360E-001						
Welders	4.13740E-001	2.54560E+000	3.17587E+000	4.93000E-003	7.30800E-002	7.30800E-002						

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	4.68968E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	7.54899E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	0.00000E+000	0.00000E+000	1.48734E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	0.00000E+000	0.00000E+000	1.41751E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Pavers	0.00000E+000	1.26749E-005	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	0.00000E+000	1.87953E-006	3.02650E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Balckhoes	0.00000E+000	1.16610E-006	1.51892E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Welders	0.00000E+000	3.92833E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	PM2.5 Reduction	
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	PM2.5 Reduction	
No	Water Exposed Area	PM10 Reduction	PM2.5 Reduction	Frequency (per day)

No	Unpaved Road Mitigation	Moisture Content %		Vehicle Speed (mph)			
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	4.77	1.27	4.77	1.27	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	29.07	7.84	29.07	7.84	0.00	0.00
Grading	Fugitive Dust	2.62	1.33	2.62	1.33	0.00	0.00
Grading	Roads	0.05	0.01	0.05	0.01	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Site Preparation	Fugitive Dust	2.71	1.49	2.71	1.49	0.00	0.00
Site Preparation	Roads	0.02	0.00	0.02	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	7.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	29.87	29.87	29.87	29.84	29.86	29.86	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting: Low Density Suburban

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00	0.00	0.00	
No	Land Use	Increase Diversity	0.25	0.56		
No	Land Use	Improve Walkability Design	0.00	0.00		
No	Land Use	Improve Destination Accessibility	0.00	0.00		
No	Land Use	Increase Transit Accessibility	0.25	0.00		
No	Land Use	Integrate Below Market Rate Housing	0.00	0.00		
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network	2.00	Project Site and Connecting Off-Site		
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00	0.00		
No	Transit Improvements	Expand Transit Network	0.00	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		0.00	
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"	3.00			
No	Commute	Workplace Parking Charge		0.00		
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program	5.00			
	Commute	Commute Subtotal	0.00			

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
Yes	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	0.00
Yes	Use Low VOC Paint (Residential Exterior)	0.00
Yes	Use Low VOC Paint (Non-residential Interior)	0.00
Yes	Use Low VOC Paint (Non-residential Exterior)	0.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Exceed Title 24	30.00	
No	Install High Efficiency Lighting	0.00	
Yes	On-site Renewable	0.00	50.00

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00

DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Apply Water Conservation on Strategy	30.00	0.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

CALINE-I80EB Offramp intersection-1hr.dat.out

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK		
		I	J	K
1. R1	*	0.1	0.0	0.0

♀

RUN		CALINE-180EB Offramp intersection-8hr. dat. out									
		A	B	C	D	E	F	G	H	I	J
1	VPH	425	634	209	300	300	509	509	696	696	1121
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
2	VPH	425	634	209	300	300	509	509	696	696	1121
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
3	VPH	425	634	209	300	300	509	509	696	696	1121
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
4	VPH	425	634	209	300	300	509	509	696	696	1121
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
5	VPH	425	634	209	300	300	509	509	696	696	1121
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
6	VPH	425	634	209	300	300	509	509	696	696	1121
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
7	VPH	425	634	209	300	300	509	509	696	696	1121
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
8	VPH	425	634	209	300	300	509	509	696	696	1121
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.

♀

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: MRIC I-80 EB Offramp Intersection - 8hr
RUN: (MULTI-RUN/WORST CASE HYBRID)
POLLUTANT:

IV. EMISSIONS AND VEHICLE VOLUMES (CONT.)

RUN		LINK
		K
1	VPH	1121
	EF	3.
2	VPH	1121
	EF	3.
3	VPH	1121
	EF	3.
4	VPH	1121
	EF	3.
5	VPH	1121
	EF	3.
6	VPH	1121
	EF	3.

CALINE-I80EB Offramp intersection-8hr.dat.out

7 VPH * 1121
EF * 3.
*
8 VPH * 1121
EF * 3.

V. RECEPTOR LOCATIONS AND MULTI-RUN AVERAGE CONCENTRATIONS

RECEPTOR	*	COORDINATES (M)			*	AVG
	*	X	Y	Z	*	(PPM)
1. R1	*	10	10	0.0	*	0.7

†

CALINE-MACE intersection-1hr. dat. out

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * BRG * (DEG)	* PRED * CONC * (PPM)	* * *	A	B	C	CONC/LINK (PPM)		D	E	F	G	H
1. R1	* 183.	* 2.6	* *	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RECEPTOR	* * *	I	J	K	L	M	CONC/LINK (PPM)		N	O	P	Q	R	S	T
1. R1	* *	0.1	0.0	0.2	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4

♀

CALINE-MACE intersection-8hr.dat.out
 Q. 17 * -6 750 -6 150 * AG 0.0 29.5
 R. 18 * -6 150 -6 0 * AG 0.0 29.5
 S. 19 * -6 0 -6 -150 * AG 0.0 26.0
 T. 20 * -6 -150 -6 -750 * AG 0.0 26.0

♀

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 3

JOB: MRIC Mace intersection - 8 hr
 RUN: (MULTI-RUN/WORST CASE HYBRID)
 POLLUTANT:

IV. EMISSIONS AND VEHICLE VOLUMES

RUN	*	LINK									
		A	B	C	D	E	F	G	H	I	J
1	VPH	422	514	92	623	623	463	1286	823	426	426
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
2	VPH	422	514	92	623	623	463	1286	823	426	426
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
3	VPH	422	514	92	623	623	463	1286	823	426	426
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
4	VPH	422	514	92	623	623	463	1286	823	426	426
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
5	VPH	422	514	92	623	623	463	1286	823	426	426
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
6	VPH	422	514	92	623	623	463	1286	823	426	426
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
7	VPH	422	514	92	623	623	463	1286	823	426	426
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
8	VPH	422	514	92	623	623	463	1286	823	426	426
	EF	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.

♀

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 4

JOB: MRIC Mace intersection - 8 hr
 RUN: (MULTI-RUN/WORST CASE HYBRID)
 POLLUTANT:

IV. EMISSIONS AND VEHICLE VOLUMES (CONT.)

RUN	*	LINK									
		K	L	M	N	O	P	Q	R	S	T

CALINE-MACE intersection-8hr. dat. out

-----*												
1	VPH	*	548	1782	1234	1585	1585	111	1533	1422	2283	2283
	EF	*	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
-----*												
2	VPH	*	548	1782	1234	1585	1585	111	1533	1422	2283	2283
	EF	*	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
-----*												
3	VPH	*	548	1782	1234	1585	1585	111	1533	1422	2283	2283
	EF	*	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
-----*												
4	VPH	*	548	1782	1234	1585	1585	111	1533	1422	2283	2283
	EF	*	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
-----*												
5	VPH	*	548	1782	1234	1585	1585	111	1533	1422	2283	2283
	EF	*	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
-----*												
6	VPH	*	548	1782	1234	1585	1585	111	1533	1422	2283	2283
	EF	*	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
-----*												
7	VPH	*	548	1782	1234	1585	1585	111	1533	1422	2283	2283
	EF	*	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
-----*												
8	VPH	*	548	1782	1234	1585	1585	111	1533	1422	2283	2283
	EF	*	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.

V. RECEPTOR LOCATIONS AND MULTI-RUN AVERAGE CONCENTRATIONS

RECEPTOR	*	COORDINATES (M)			*	AVG
		X	Y	Z			(PPM)
1. R1	*	10	10	0.0	*	1.6

♀

BREEZE AERMOD Sensitive Receptor Results

Pollutant: PM10, Type: CONC (ug/m3) 1 YEAR AVG., Group: ALL**

Sen. Rcpt. #	Dsc. Rcpt. #	Description	UTM		Conc.
			East(m)	North(m)	
1	1	School	613319.00	4269065.00	0.6217143268748664
2	2	R1	613589.00	4268736.00	1.1596893073015559
3	3	R2	613586.00	4268776.00	1.1753048732889273
4	4	R3	613566.50	4268574.00	0.9421863567887849
5	5	R4	613563.50	4268517.00	0.8815730323289204
6	6	MIXED USE	613864.90	4268906.00	4.2882018324342752
7	7	MIXED USE 2	614182.90	4268702.00	4.4917234219869524

Pollutant: PM10, Type: CONC (ug/m3) 1ST HIGH 24-HR AVG., Group: ALL**

Sen. Rcpt. #	Dsc. Rcpt. #	Description	UTM		Conc.	Date
			East(m)	North(m)		YYMMDDHH
1	1	School	613319.00	4269065.00	4.8999702959296991	14011324
2	2	R1	613589.00	4268736.00	6.9336355480118179	14011324
3	3	R2	613586.00	4268776.00	6.9022755646559535	14121824
4	4	R3	613566.50	4268574.00	6.8609746317589808	14011324
5	5	R4	613563.50	4268517.00	6.8795567722547650	14011324
6	6	MIXED USE	613864.90	4268906.00	13.1559785922603574	14031424
7	7	MIXED USE 2	614182.90	4268702.00	13.6477988915972439	14110724

<http://www.breeze-software.com/>

1 AERMOD-MRIC Aermod output file.txt
AERMOD PRIME - (DATED 14134)

AERMODPrMSPx VERSION
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Run Began on 3/17/2015 at 18:27:23

** BREEZE AERMOD
** Trinity Consultants
** VERSION 7.9

CO STARTING
CO TITLEONE MRIC Construction DPM
CO MODELOPT DFAULT CONC
CO RUNORNOT RUN
CO AVERTIME 24 ANNUAL
CO POLLUTID PM10
CO FLAGPOLE 1.8
CO FINISHED

SO STARTING					
SO ELEVUNIT	METERS				
SO LOCATION	498QB002	VOLUME	613832.5	4268139	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB003	VOLUME	613896.1	4268139	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB004	VOLUME	613959.7	4268139	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB005	VOLUME	613832.5	4268203	0
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SO LOCATION	498QB006	VOLUME	613896.1	4268203	0
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SO LOCATION	498QB007	VOLUME	613959.7	4268203	0
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SO LOCATION	498QB008	VOLUME	614023.3	4268203	0
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SO LOCATION	498QB009	VOLUME	614086.9	4268203	0
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SO LOCATION	498QB00A	VOLUME	614150.5	4268203	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB00B	VOLUME	613832.5	4268266	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB00C	VOLUME	613896.1	4268266	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB00D	VOLUME	613959.7	4268266	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB00E	VOLUME	614023.3	4268266	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB00F	VOLUME	614086.9	4268266	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB00G	VOLUME	614150.5	4268266	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB00H	VOLUME	614214.1	4268266	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB00I	VOLUME	614277.7	4268266	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB00J	VOLUME	614341.3	4268266	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB00K	VOLUME	613832.5	4268330	0
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SO LOCATION	498QB00L	VOLUME	613896.1	4268330	0
** SRCDESCR	FUGPM				
SO LOCATION	498QB00M	VOLUME	613959.7	4268330	0

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** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB00N	VOLUME	614023.3	4268330	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB00O	VOLUME	614086.9	4268330	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB00P	VOLUME	614150.5	4268330	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB00Q	VOLUME	614214.1	4268330	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB00R	VOLUME	614277.7	4268330	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB00S	VOLUME	614341.3	4268330	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB00T	VOLUME	614404.9	4268330	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB00U	VOLUME	614468.5	4268330	0
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S0 LOCATI ON	498QB00V	VOLUME	614532.1	4268330	0
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S0 LOCATI ON	498QB00W	VOLUME	613832.5	4268393	0
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S0 LOCATI ON	498QB00X	VOLUME	613896.1	4268393	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB00Y	VOLUME	613959.7	4268393	0
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S0 LOCATI ON	498QB00Z	VOLUME	614023.3	4268393	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB010	VOLUME	614086.9	4268393	0
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S0 LOCATI ON	498QB011	VOLUME	614150.5	4268393	0
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S0 LOCATI ON	498QB01D	VOLUME	614150.5	4268457	0
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S0 LOCATI ON	498QB01F	VOLUME	614277.7	4268457	0
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S0 LOCATI ON	498QB01H	VOLUME	614404.9	4268457	0
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S0	LOCATI ON	498QB01I	VOLUME	614468.5	4268457	0
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S0	LOCATI ON	498QB01J	VOLUME	614532.1	4268457	0
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S0	LOCATI ON	498QB01K	VOLUME	613832.5	4268521	0
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S0	LOCATI ON	498QB01L	VOLUME	613896.1	4268521	0
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S0	LOCATI ON	498QB01M	VOLUME	613959.7	4268521	0
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S0	LOCATI ON	498QB01O	VOLUME	614086.9	4268521	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB01P	VOLUME	614150.5	4268521	0
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S0	LOCATI ON	498QB01Q	VOLUME	614214.1	4268521	0
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S0	LOCATI ON	498QB01S	VOLUME	614341.3	4268521	0
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**	SRCDESCR	FUGPM				
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S0 LOCATI ON	498QB02J	VOLUME	614532.1	4268648	0
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S0 LOCATI ON	498QB02V	VOLUME	614532.1	4268711	0
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S0 LOCATI ON	498QB02X	VOLUME	613896.1	4268775	0
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S0 LOCATI ON	498QB02Y	VOLUME	613959.7	4268775	0
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S0	LOCATI ON	498QB03E	VOLUME	614214.1	4268839	0
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** SRCDESCR	FUGPM				
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S0 LOCATI ON	498QB04N	VOLUME	614023.3	4269093	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB04O	VOLUME	614086.9	4269093	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB04P	VOLUME	614150.5	4269093	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB04Q	VOLUME	614214.1	4269093	0
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S0 LOCATI ON	498QB04S	VOLUME	614341.3	4269093	0
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S0 LOCATI ON	498QB04X	VOLUME	613896.1	4269157	0
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S0 LOCATI ON	498QB04Y	VOLUME	613959.7	4269157	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB04Z	VOLUME	614023.3	4269157	0
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S0	LOCATI ON	498QB050	VOLUME	614086.9	4269157	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB051	VOLUME	614150.5	4269157	0
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S0	LOCATI ON	498QB052	VOLUME	614214.1	4269157	0
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S0	LOCATI ON	498QB054	VOLUME	614341.3	4269157	0
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S0	LOCATI ON	498QB05A	VOLUME	613959.7	4269220	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05B	VOLUME	614023.3	4269220	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05C	VOLUME	614086.9	4269220	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05D	VOLUME	614150.5	4269220	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05E	VOLUME	614214.1	4269220	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05F	VOLUME	614277.7	4269220	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05G	VOLUME	614341.3	4269220	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05H	VOLUME	614404.9	4269220	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05I	VOLUME	614468.5	4269220	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05J	VOLUME	614532.1	4269220	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05K	VOLUME	613832.5	4269284	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05L	VOLUME	613896.1	4269284	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05M	VOLUME	613959.7	4269284	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05N	VOLUME	614023.3	4269284	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05O	VOLUME	614086.9	4269284	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05P	VOLUME	614150.5	4269284	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05Q	VOLUME	614214.1	4269284	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05R	VOLUME	614277.7	4269284	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05S	VOLUME	614341.3	4269284	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05T	VOLUME	614404.9	4269284	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05U	VOLUME	614468.5	4269284	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB05V	VOLUME	614532.1	4269284	0

AERMOD-MRIC Aermod output file.txt

** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB05W	VOLUME	613832.5	4269347	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB05X	VOLUME	613896.1	4269347	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB05Y	VOLUME	613959.7	4269347	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB05Z	VOLUME	614023.3	4269347	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB060	VOLUME	614086.9	4269347	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB061	VOLUME	614150.5	4269347	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB062	VOLUME	614214.1	4269347	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB063	VOLUME	614277.7	4269347	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB064	VOLUME	614341.3	4269347	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB065	VOLUME	614404.9	4269347	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB066	VOLUME	614468.5	4269347	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB067	VOLUME	614532.1	4269347	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB068	VOLUME	613832.5	4269411	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB069	VOLUME	613896.1	4269411	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06A	VOLUME	613959.7	4269411	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06B	VOLUME	614023.3	4269411	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06C	VOLUME	614086.9	4269411	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06D	VOLUME	614150.5	4269411	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06E	VOLUME	614214.1	4269411	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06F	VOLUME	614277.7	4269411	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06G	VOLUME	614341.3	4269411	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06H	VOLUME	614404.9	4269411	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06I	VOLUME	614468.5	4269411	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06J	VOLUME	614532.1	4269411	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06L	VOLUME	613896.1	4269475	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06M	VOLUME	613959.7	4269475	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06N	VOLUME	614023.3	4269475	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06O	VOLUME	614086.9	4269475	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06P	VOLUME	614150.5	4269475	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06Q	VOLUME	614214.1	4269475	0
** SRCDESCR	FUGPM				
S0 LOCATI ON	498QB06R	VOLUME	614277.7	4269475	0
** SRCDESCR	FUGPM				

AERMOD-MRIC Aermod output file.txt

S0	LOCATI ON	498QB06S	VOLUME	614341.3	4269475	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB06T	VOLUME	614404.9	4269475	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB06U	VOLUME	614468.5	4269475	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB06V	VOLUME	614532.1	4269475	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB06X	VOLUME	614150.5	4269538	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB06Y	VOLUME	614214.1	4269538	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB06Z	VOLUME	614277.7	4269538	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB070	VOLUME	614341.3	4269538	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB071	VOLUME	614404.9	4269538	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB072	VOLUME	614468.5	4269538	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB073	VOLUME	614532.1	4269538	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB075	VOLUME	614404.9	4269602	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB076	VOLUME	614468.5	4269602	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB077	VOLUME	614532.1	4269602	0
**	SRCDESCR	FUGPM				
S0	LOCATI ON	498QB078	VOLUME	613832.5	4268139	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB079	VOLUME	613896.1	4268139	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07A	VOLUME	613959.7	4268139	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07B	VOLUME	613832.5	4268203	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07C	VOLUME	613896.1	4268203	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07D	VOLUME	613959.7	4268203	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07E	VOLUME	614023.3	4268203	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07F	VOLUME	614086.9	4268203	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07G	VOLUME	614150.5	4268203	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07H	VOLUME	613832.5	4268266	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07I	VOLUME	613896.1	4268266	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07J	VOLUME	613959.7	4268266	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07K	VOLUME	614023.3	4268266	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07L	VOLUME	614086.9	4268266	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07M	VOLUME	614150.5	4268266	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07N	VOLUME	614214.1	4268266	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07O	VOLUME	614277.7	4268266	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB07P	VOLUME	614341.3	4268266	0

AERMOD-MRIC Aermod output file.txt

** SRCDESCR	EXPM				
S0 LOCATI ON	498QB07Q	VOLUME	613832.5	4268330	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB07R	VOLUME	613896.1	4268330	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB07S	VOLUME	613959.7	4268330	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB07T	VOLUME	614023.3	4268330	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB07U	VOLUME	614086.9	4268330	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB07V	VOLUME	614150.5	4268330	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB07W	VOLUME	614214.1	4268330	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB07X	VOLUME	614277.7	4268330	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB07Y	VOLUME	614341.3	4268330	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB07Z	VOLUME	614404.9	4268330	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB080	VOLUME	614468.5	4268330	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB081	VOLUME	614532.1	4268330	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB082	VOLUME	613832.5	4268393	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB083	VOLUME	613896.1	4268393	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB084	VOLUME	613959.7	4268393	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB085	VOLUME	614023.3	4268393	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB086	VOLUME	614086.9	4268393	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB087	VOLUME	614150.5	4268393	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB088	VOLUME	614214.1	4268393	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB089	VOLUME	614277.7	4268393	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB08A	VOLUME	614341.3	4268393	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB08B	VOLUME	614404.9	4268393	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB08C	VOLUME	614468.5	4268393	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB08D	VOLUME	614532.1	4268393	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB08E	VOLUME	613832.5	4268457	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB08F	VOLUME	613896.1	4268457	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB08G	VOLUME	613959.7	4268457	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB08H	VOLUME	614023.3	4268457	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB08I	VOLUME	614086.9	4268457	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB08J	VOLUME	614150.5	4268457	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB08K	VOLUME	614214.1	4268457	0
** SRCDESCR	EXPM				

AERMOD-MRIC Aermod output file.txt

S0	LOCATI ON	498QB08L	VOLUME	614277.7	4268457	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08M	VOLUME	614341.3	4268457	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08N	VOLUME	614404.9	4268457	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08O	VOLUME	614468.5	4268457	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08P	VOLUME	614532.1	4268457	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08Q	VOLUME	613832.5	4268521	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08R	VOLUME	613896.1	4268521	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08S	VOLUME	613959.7	4268521	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08T	VOLUME	614023.3	4268521	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08U	VOLUME	614086.9	4268521	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08V	VOLUME	614150.5	4268521	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08W	VOLUME	614214.1	4268521	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08X	VOLUME	614277.7	4268521	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08Y	VOLUME	614341.3	4268521	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB08Z	VOLUME	614404.9	4268521	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB090	VOLUME	614468.5	4268521	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB091	VOLUME	614532.1	4268521	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB092	VOLUME	613832.5	4268584	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB093	VOLUME	613896.1	4268584	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB094	VOLUME	613959.7	4268584	0
**	SRCDESCR	EXPM				
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**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB096	VOLUME	614086.9	4268584	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB097	VOLUME	614150.5	4268584	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB098	VOLUME	614214.1	4268584	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB099	VOLUME	614277.7	4268584	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB09A	VOLUME	614341.3	4268584	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB09B	VOLUME	614404.9	4268584	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB09C	VOLUME	614468.5	4268584	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB09D	VOLUME	614532.1	4268584	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB09E	VOLUME	613832.5	4268648	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB09F	VOLUME	613896.1	4268648	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB09G	VOLUME	613959.7	4268648	0

AERMOD-MRIC Aermod output file.txt

** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09H	VOLUME	614023.3	4268648	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09I	VOLUME	614086.9	4268648	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09J	VOLUME	614150.5	4268648	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09K	VOLUME	614214.1	4268648	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09L	VOLUME	614277.7	4268648	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09M	VOLUME	614341.3	4268648	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09N	VOLUME	614404.9	4268648	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09O	VOLUME	614468.5	4268648	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09P	VOLUME	614532.1	4268648	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09Q	VOLUME	613832.5	4268711	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09R	VOLUME	613896.1	4268711	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09S	VOLUME	613959.7	4268711	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09T	VOLUME	614023.3	4268711	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09U	VOLUME	614086.9	4268711	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09V	VOLUME	614150.5	4268711	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09W	VOLUME	614214.1	4268711	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09X	VOLUME	614277.7	4268711	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09Y	VOLUME	614341.3	4268711	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB09Z	VOLUME	614404.9	4268711	0
** SRCDESCR	EXPM				
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** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0A1	VOLUME	614532.1	4268711	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0A2	VOLUME	613832.5	4268775	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0A3	VOLUME	613896.1	4268775	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0A4	VOLUME	613959.7	4268775	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0A5	VOLUME	614023.3	4268775	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0A6	VOLUME	614086.9	4268775	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0A7	VOLUME	614150.5	4268775	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0A8	VOLUME	614214.1	4268775	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0A9	VOLUME	614277.7	4268775	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0AA	VOLUME	614341.3	4268775	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0AB	VOLUME	614404.9	4268775	0
** SRCDESCR	EXPM				

AERMOD-MRIC Aermod output file.txt

S0	LOCATI ON	498QBOAC	VOLUME	614468.5	4268775	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAD	VOLUME	614532.1	4268775	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAE	VOLUME	613832.5	4268839	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAF	VOLUME	613896.1	4268839	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAG	VOLUME	613959.7	4268839	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAH	VOLUME	614023.3	4268839	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAI	VOLUME	614086.9	4268839	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAJ	VOLUME	614150.5	4268839	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAK	VOLUME	614214.1	4268839	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAL	VOLUME	614277.7	4268839	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAM	VOLUME	614341.3	4268839	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAN	VOLUME	614404.9	4268839	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAO	VOLUME	614468.5	4268839	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAP	VOLUME	614532.1	4268839	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAQ	VOLUME	613832.5	4268902	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAR	VOLUME	613896.1	4268902	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAS	VOLUME	613959.7	4268902	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAT	VOLUME	614023.3	4268902	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAU	VOLUME	614086.9	4268902	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAV	VOLUME	614150.5	4268902	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAW	VOLUME	614214.1	4268902	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAX	VOLUME	614277.7	4268902	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAY	VOLUME	614341.3	4268902	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOAZ	VOLUME	614404.9	4268902	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOB0	VOLUME	614468.5	4268902	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOB1	VOLUME	614532.1	4268902	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOB2	VOLUME	613832.5	4268966	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOB3	VOLUME	613896.1	4268966	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOB4	VOLUME	613959.7	4268966	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOB5	VOLUME	614023.3	4268966	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOB6	VOLUME	614086.9	4268966	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOB7	VOLUME	614150.5	4268966	0

AERMOD-MRIC Aermod output file.txt

** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOB8	VOLUME	614214.1	4268966	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOB9	VOLUME	614277.7	4268966	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBA	VOLUME	614341.3	4268966	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBB	VOLUME	614404.9	4268966	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBC	VOLUME	614468.5	4268966	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBD	VOLUME	614532.1	4268966	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBE	VOLUME	613832.5	4269029	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBF	VOLUME	613896.1	4269029	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBG	VOLUME	613959.7	4269029	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBH	VOLUME	614023.3	4269029	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBI	VOLUME	614086.9	4269029	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBJ	VOLUME	614150.5	4269029	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBK	VOLUME	614214.1	4269029	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBL	VOLUME	614277.7	4269029	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBM	VOLUME	614341.3	4269029	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBN	VOLUME	614404.9	4269029	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBO	VOLUME	614468.5	4269029	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBP	VOLUME	614532.1	4269029	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBQ	VOLUME	613832.5	4269093	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBR	VOLUME	613896.1	4269093	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBS	VOLUME	613959.7	4269093	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBT	VOLUME	614023.3	4269093	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBU	VOLUME	614086.9	4269093	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBV	VOLUME	614150.5	4269093	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBW	VOLUME	614214.1	4269093	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBX	VOLUME	614277.7	4269093	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBY	VOLUME	614341.3	4269093	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QBOBZ	VOLUME	614404.9	4269093	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0C0	VOLUME	614468.5	4269093	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0C1	VOLUME	614532.1	4269093	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0C2	VOLUME	613832.5	4269157	0
** SRCDESCR	EXPM				

AERMOD-MRIC Aermod output file.txt

S0	LOCATI ON	498QBOC3	VOLUME	613896.1	4269157	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOC4	VOLUME	613959.7	4269157	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOC5	VOLUME	614023.3	4269157	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOC6	VOLUME	614086.9	4269157	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOC7	VOLUME	614150.5	4269157	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOC8	VOLUME	614214.1	4269157	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOC9	VOLUME	614277.7	4269157	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCA	VOLUME	614341.3	4269157	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCB	VOLUME	614404.9	4269157	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCC	VOLUME	614468.5	4269157	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCD	VOLUME	614532.1	4269157	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCE	VOLUME	613832.5	4269220	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCF	VOLUME	613896.1	4269220	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCG	VOLUME	613959.7	4269220	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCH	VOLUME	614023.3	4269220	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCI	VOLUME	614086.9	4269220	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCJ	VOLUME	614150.5	4269220	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCK	VOLUME	614214.1	4269220	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCL	VOLUME	614277.7	4269220	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCM	VOLUME	614341.3	4269220	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCN	VOLUME	614404.9	4269220	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCO	VOLUME	614468.5	4269220	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCP	VOLUME	614532.1	4269220	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCQ	VOLUME	613832.5	4269284	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCR	VOLUME	613896.1	4269284	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCS	VOLUME	613959.7	4269284	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCT	VOLUME	614023.3	4269284	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCU	VOLUME	614086.9	4269284	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCV	VOLUME	614150.5	4269284	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCW	VOLUME	614214.1	4269284	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCX	VOLUME	614277.7	4269284	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QBOCY	VOLUME	614341.3	4269284	0

AERMOD-MRIC Aermod output file.txt

** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0CZ	VOLUME	614404.9	4269284	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0D0	VOLUME	614468.5	4269284	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0D1	VOLUME	614532.1	4269284	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0D2	VOLUME	613832.5	4269347	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0D3	VOLUME	613896.1	4269347	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0D4	VOLUME	613959.7	4269347	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0D5	VOLUME	614023.3	4269347	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0D6	VOLUME	614086.9	4269347	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0D7	VOLUME	614150.5	4269347	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0D8	VOLUME	614214.1	4269347	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0D9	VOLUME	614277.7	4269347	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DA	VOLUME	614341.3	4269347	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DB	VOLUME	614404.9	4269347	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DC	VOLUME	614468.5	4269347	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DD	VOLUME	614532.1	4269347	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DE	VOLUME	613832.5	4269411	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DF	VOLUME	613896.1	4269411	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DG	VOLUME	613959.7	4269411	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DH	VOLUME	614023.3	4269411	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DI	VOLUME	614086.9	4269411	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DJ	VOLUME	614150.5	4269411	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DK	VOLUME	614214.1	4269411	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DL	VOLUME	614277.7	4269411	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DM	VOLUME	614341.3	4269411	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DN	VOLUME	614404.9	4269411	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0D0	VOLUME	614468.5	4269411	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DP	VOLUME	614532.1	4269411	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DQ	VOLUME	613896.1	4269475	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DR	VOLUME	613959.7	4269475	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DS	VOLUME	614023.3	4269475	0
** SRCDESCR	EXPM				
S0 LOCATI ON	498QB0DT	VOLUME	614086.9	4269475	0
** SRCDESCR	EXPM				

AERMOD-MRIC Aermod output file.txt

S0	LOCATI ON	498QB0DU	VOLUME	614150.5	4269475	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0DV	VOLUME	614214.1	4269475	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0DW	VOLUME	614277.7	4269475	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0DX	VOLUME	614341.3	4269475	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0DY	VOLUME	614404.9	4269475	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0DZ	VOLUME	614468.5	4269475	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0E0	VOLUME	614532.1	4269475	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0E1	VOLUME	614150.5	4269538	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0E2	VOLUME	614214.1	4269538	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0E3	VOLUME	614277.7	4269538	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0E4	VOLUME	614341.3	4269538	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0E5	VOLUME	614404.9	4269538	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0E6	VOLUME	614468.5	4269538	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0E7	VOLUME	614532.1	4269538	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0E8	VOLUME	614404.9	4269602	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0E9	VOLUME	614468.5	4269602	0
**	SRCDESCR	EXPM				
S0	LOCATI ON	498QB0EA	VOLUME	614532.1	4269602	0
**	SRCDESCR	EXPM				
S0	SRCPARAM	498QB002	0.00113	0	29.6	1
S0	SRCPARAM	498QB003	0.00113	0	29.6	1
S0	SRCPARAM	498QB004	0.00113	0	29.6	1
S0	SRCPARAM	498QB005	0.00113	0	29.6	1
S0	SRCPARAM	498QB006	0.00113	0	29.6	1
S0	SRCPARAM	498QB007	0.00113	0	29.6	1
S0	SRCPARAM	498QB008	0.00113	0	29.6	1
S0	SRCPARAM	498QB009	0.00113	0	29.6	1
S0	SRCPARAM	498QB00A	0.00113	0	29.6	1
S0	SRCPARAM	498QB00B	0.00113	0	29.6	1
S0	SRCPARAM	498QB00C	0.00113	0	29.6	1
S0	SRCPARAM	498QB00D	0.00113	0	29.6	1
S0	SRCPARAM	498QB00E	0.00113	0	29.6	1
S0	SRCPARAM	498QB00F	0.00113	0	29.6	1
S0	SRCPARAM	498QB00G	0.00113	0	29.6	1
S0	SRCPARAM	498QB00H	0.00113	0	29.6	1
S0	SRCPARAM	498QB00I	0.00113	0	29.6	1
S0	SRCPARAM	498QB00J	0.00113	0	29.6	1
S0	SRCPARAM	498QB00K	0.00113	0	29.6	1
S0	SRCPARAM	498QB00L	0.00113	0	29.6	1
S0	SRCPARAM	498QB00M	0.00113	0	29.6	1
S0	SRCPARAM	498QB00N	0.00113	0	29.6	1
S0	SRCPARAM	498QB00O	0.00113	0	29.6	1
S0	SRCPARAM	498QB00P	0.00113	0	29.6	1
S0	SRCPARAM	498QB00Q	0.00113	0	29.6	1
S0	SRCPARAM	498QB00R	0.00113	0	29.6	1
S0	SRCPARAM	498QB00S	0.00113	0	29.6	1
S0	SRCPARAM	498QB00T	0.00113	0	29.6	1
S0	SRCPARAM	498QB00U	0.00113	0	29.6	1

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S0	SRCPARAM	498QB00V	0.00113	0	29.6	1
S0	SRCPARAM	498QB00W	0.00113	0	29.6	1
S0	SRCPARAM	498QB00X	0.00113	0	29.6	1
S0	SRCPARAM	498QB00Y	0.00113	0	29.6	1
S0	SRCPARAM	498QB00Z	0.00113	0	29.6	1
S0	SRCPARAM	498QB010	0.00113	0	29.6	1
S0	SRCPARAM	498QB011	0.00113	0	29.6	1
S0	SRCPARAM	498QB012	0.00113	0	29.6	1
S0	SRCPARAM	498QB013	0.00113	0	29.6	1
S0	SRCPARAM	498QB014	0.00113	0	29.6	1
S0	SRCPARAM	498QB015	0.00113	0	29.6	1
S0	SRCPARAM	498QB016	0.00113	0	29.6	1
S0	SRCPARAM	498QB017	0.00113	0	29.6	1
S0	SRCPARAM	498QB018	0.00113	0	29.6	1
S0	SRCPARAM	498QB019	0.00113	0	29.6	1
S0	SRCPARAM	498QB01A	0.00113	0	29.6	1
S0	SRCPARAM	498QB01B	0.00113	0	29.6	1
S0	SRCPARAM	498QB01C	0.00113	0	29.6	1
S0	SRCPARAM	498QB01D	0.00113	0	29.6	1
S0	SRCPARAM	498QB01E	0.00113	0	29.6	1
S0	SRCPARAM	498QB01F	0.00113	0	29.6	1
S0	SRCPARAM	498QB01G	0.00113	0	29.6	1
S0	SRCPARAM	498QB01H	0.00113	0	29.6	1
S0	SRCPARAM	498QB01I	0.00113	0	29.6	1
S0	SRCPARAM	498QB01J	0.00113	0	29.6	1
S0	SRCPARAM	498QB01K	0.00113	0	29.6	1
S0	SRCPARAM	498QB01L	0.00113	0	29.6	1
S0	SRCPARAM	498QB01M	0.00113	0	29.6	1
S0	SRCPARAM	498QB01N	0.00113	0	29.6	1
S0	SRCPARAM	498QB01O	0.00113	0	29.6	1
S0	SRCPARAM	498QB01P	0.00113	0	29.6	1
S0	SRCPARAM	498QB01Q	0.00113	0	29.6	1
S0	SRCPARAM	498QB01R	0.00113	0	29.6	1
S0	SRCPARAM	498QB01S	0.00113	0	29.6	1
S0	SRCPARAM	498QB01T	0.00113	0	29.6	1
S0	SRCPARAM	498QB01U	0.00113	0	29.6	1
S0	SRCPARAM	498QB01V	0.00113	0	29.6	1
S0	SRCPARAM	498QB01W	0.00113	0	29.6	1
S0	SRCPARAM	498QB01X	0.00113	0	29.6	1
S0	SRCPARAM	498QB01Y	0.00113	0	29.6	1
S0	SRCPARAM	498QB01Z	0.00113	0	29.6	1
S0	SRCPARAM	498QB020	0.00113	0	29.6	1
S0	SRCPARAM	498QB021	0.00113	0	29.6	1
S0	SRCPARAM	498QB022	0.00113	0	29.6	1
S0	SRCPARAM	498QB023	0.00113	0	29.6	1
S0	SRCPARAM	498QB024	0.00113	0	29.6	1
S0	SRCPARAM	498QB025	0.00113	0	29.6	1
S0	SRCPARAM	498QB026	0.00113	0	29.6	1
S0	SRCPARAM	498QB027	0.00113	0	29.6	1
S0	SRCPARAM	498QB028	0.00113	0	29.6	1
S0	SRCPARAM	498QB029	0.00113	0	29.6	1
S0	SRCPARAM	498QB02A	0.00113	0	29.6	1
S0	SRCPARAM	498QB02B	0.00113	0	29.6	1
S0	SRCPARAM	498QB02C	0.00113	0	29.6	1
S0	SRCPARAM	498QB02D	0.00113	0	29.6	1
S0	SRCPARAM	498QB02E	0.00113	0	29.6	1
S0	SRCPARAM	498QB02F	0.00113	0	29.6	1
S0	SRCPARAM	498QB02G	0.00113	0	29.6	1
S0	SRCPARAM	498QB02H	0.00113	0	29.6	1
S0	SRCPARAM	498QB02I	0.00113	0	29.6	1
S0	SRCPARAM	498QB02J	0.00113	0	29.6	1
S0	SRCPARAM	498QB02K	0.00113	0	29.6	1
S0	SRCPARAM	498QB02L	0.00113	0	29.6	1

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S0	SRCPARAM	498QB02M	0.00113	0	29.6	1
S0	SRCPARAM	498QB02N	0.00113	0	29.6	1
S0	SRCPARAM	498QB02O	0.00113	0	29.6	1
S0	SRCPARAM	498QB02P	0.00113	0	29.6	1
S0	SRCPARAM	498QB02Q	0.00113	0	29.6	1
S0	SRCPARAM	498QB02R	0.00113	0	29.6	1
S0	SRCPARAM	498QB02S	0.00113	0	29.6	1
S0	SRCPARAM	498QB02T	0.00113	0	29.6	1
S0	SRCPARAM	498QB02U	0.00113	0	29.6	1
S0	SRCPARAM	498QB02V	0.00113	0	29.6	1
S0	SRCPARAM	498QB02W	0.00113	0	29.6	1
S0	SRCPARAM	498QB02X	0.00113	0	29.6	1
S0	SRCPARAM	498QB02Y	0.00113	0	29.6	1
S0	SRCPARAM	498QB02Z	0.00113	0	29.6	1
S0	SRCPARAM	498QB030	0.00113	0	29.6	1
S0	SRCPARAM	498QB031	0.00113	0	29.6	1
S0	SRCPARAM	498QB032	0.00113	0	29.6	1
S0	SRCPARAM	498QB033	0.00113	0	29.6	1
S0	SRCPARAM	498QB034	0.00113	0	29.6	1
S0	SRCPARAM	498QB035	0.00113	0	29.6	1
S0	SRCPARAM	498QB036	0.00113	0	29.6	1
S0	SRCPARAM	498QB037	0.00113	0	29.6	1
S0	SRCPARAM	498QB038	0.00113	0	29.6	1
S0	SRCPARAM	498QB039	0.00113	0	29.6	1
S0	SRCPARAM	498QB03A	0.00113	0	29.6	1
S0	SRCPARAM	498QB03B	0.00113	0	29.6	1
S0	SRCPARAM	498QB03C	0.00113	0	29.6	1
S0	SRCPARAM	498QB03D	0.00113	0	29.6	1
S0	SRCPARAM	498QB03E	0.00113	0	29.6	1
S0	SRCPARAM	498QB03F	0.00113	0	29.6	1
S0	SRCPARAM	498QB03G	0.00113	0	29.6	1
S0	SRCPARAM	498QB03H	0.00113	0	29.6	1
S0	SRCPARAM	498QB03I	0.00113	0	29.6	1
S0	SRCPARAM	498QB03J	0.00113	0	29.6	1
S0	SRCPARAM	498QB03K	0.00113	0	29.6	1
S0	SRCPARAM	498QB03L	0.00113	0	29.6	1
S0	SRCPARAM	498QB03M	0.00113	0	29.6	1
S0	SRCPARAM	498QB03N	0.00113	0	29.6	1
S0	SRCPARAM	498QB03O	0.00113	0	29.6	1
S0	SRCPARAM	498QB03P	0.00113	0	29.6	1
S0	SRCPARAM	498QB03Q	0.00113	0	29.6	1
S0	SRCPARAM	498QB03R	0.00113	0	29.6	1
S0	SRCPARAM	498QB03S	0.00113	0	29.6	1
S0	SRCPARAM	498QB03T	0.00113	0	29.6	1
S0	SRCPARAM	498QB03U	0.00113	0	29.6	1
S0	SRCPARAM	498QB03V	0.00113	0	29.6	1
S0	SRCPARAM	498QB03W	0.00113	0	29.6	1
S0	SRCPARAM	498QB03X	0.00113	0	29.6	1
S0	SRCPARAM	498QB03Y	0.00113	0	29.6	1
S0	SRCPARAM	498QB03Z	0.00113	0	29.6	1
S0	SRCPARAM	498QB040	0.00113	0	29.6	1
S0	SRCPARAM	498QB041	0.00113	0	29.6	1
S0	SRCPARAM	498QB042	0.00113	0	29.6	1
S0	SRCPARAM	498QB043	0.00113	0	29.6	1
S0	SRCPARAM	498QB044	0.00113	0	29.6	1
S0	SRCPARAM	498QB045	0.00113	0	29.6	1
S0	SRCPARAM	498QB046	0.00113	0	29.6	1
S0	SRCPARAM	498QB047	0.00113	0	29.6	1
S0	SRCPARAM	498QB048	0.00113	0	29.6	1
S0	SRCPARAM	498QB049	0.00113	0	29.6	1
S0	SRCPARAM	498QB04A	0.00113	0	29.6	1
S0	SRCPARAM	498QB04B	0.00113	0	29.6	1
S0	SRCPARAM	498QB04C	0.00113	0	29.6	1

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S0	SRCPARAM	498QB04D	0.00113	0	29.6	1
S0	SRCPARAM	498QB04E	0.00113	0	29.6	1
S0	SRCPARAM	498QB04F	0.00113	0	29.6	1
S0	SRCPARAM	498QB04G	0.00113	0	29.6	1
S0	SRCPARAM	498QB04H	0.00113	0	29.6	1
S0	SRCPARAM	498QB04I	0.00113	0	29.6	1
S0	SRCPARAM	498QB04J	0.00113	0	29.6	1
S0	SRCPARAM	498QB04K	0.00113	0	29.6	1
S0	SRCPARAM	498QB04L	0.00113	0	29.6	1
S0	SRCPARAM	498QB04M	0.00113	0	29.6	1
S0	SRCPARAM	498QB04N	0.00113	0	29.6	1
S0	SRCPARAM	498QB04O	0.00113	0	29.6	1
S0	SRCPARAM	498QB04P	0.00113	0	29.6	1
S0	SRCPARAM	498QB04Q	0.00113	0	29.6	1
S0	SRCPARAM	498QB04R	0.00113	0	29.6	1
S0	SRCPARAM	498QB04S	0.00113	0	29.6	1
S0	SRCPARAM	498QB04T	0.00113	0	29.6	1
S0	SRCPARAM	498QB04U	0.00113	0	29.6	1
S0	SRCPARAM	498QB04V	0.00113	0	29.6	1
S0	SRCPARAM	498QB04W	0.00113	0	29.6	1
S0	SRCPARAM	498QB04X	0.00113	0	29.6	1
S0	SRCPARAM	498QB04Y	0.00113	0	29.6	1
S0	SRCPARAM	498QB04Z	0.00113	0	29.6	1
S0	SRCPARAM	498QB050	0.00113	0	29.6	1
S0	SRCPARAM	498QB051	0.00113	0	29.6	1
S0	SRCPARAM	498QB052	0.00113	0	29.6	1
S0	SRCPARAM	498QB053	0.00113	0	29.6	1
S0	SRCPARAM	498QB054	0.00113	0	29.6	1
S0	SRCPARAM	498QB055	0.00113	0	29.6	1
S0	SRCPARAM	498QB056	0.00113	0	29.6	1
S0	SRCPARAM	498QB057	0.00113	0	29.6	1
S0	SRCPARAM	498QB058	0.00113	0	29.6	1
S0	SRCPARAM	498QB059	0.00113	0	29.6	1
S0	SRCPARAM	498QB05A	0.00113	0	29.6	1
S0	SRCPARAM	498QB05B	0.00113	0	29.6	1
S0	SRCPARAM	498QB05C	0.00113	0	29.6	1
S0	SRCPARAM	498QB05D	0.00113	0	29.6	1
S0	SRCPARAM	498QB05E	0.00113	0	29.6	1
S0	SRCPARAM	498QB05F	0.00113	0	29.6	1
S0	SRCPARAM	498QB05G	0.00113	0	29.6	1
S0	SRCPARAM	498QB05H	0.00113	0	29.6	1
S0	SRCPARAM	498QB05I	0.00113	0	29.6	1
S0	SRCPARAM	498QB05J	0.00113	0	29.6	1
S0	SRCPARAM	498QB05K	0.00113	0	29.6	1
S0	SRCPARAM	498QB05L	0.00113	0	29.6	1
S0	SRCPARAM	498QB05M	0.00113	0	29.6	1
S0	SRCPARAM	498QB05N	0.00113	0	29.6	1
S0	SRCPARAM	498QB05O	0.00113	0	29.6	1
S0	SRCPARAM	498QB05P	0.00113	0	29.6	1
S0	SRCPARAM	498QB05Q	0.00113	0	29.6	1
S0	SRCPARAM	498QB05R	0.00113	0	29.6	1
S0	SRCPARAM	498QB05S	0.00113	0	29.6	1
S0	SRCPARAM	498QB05T	0.00113	0	29.6	1
S0	SRCPARAM	498QB05U	0.00113	0	29.6	1
S0	SRCPARAM	498QB05V	0.00113	0	29.6	1
S0	SRCPARAM	498QB05W	0.00113	0	29.6	1
S0	SRCPARAM	498QB05X	0.00113	0	29.6	1
S0	SRCPARAM	498QB05Y	0.00113	0	29.6	1
S0	SRCPARAM	498QB05Z	0.00113	0	29.6	1
S0	SRCPARAM	498QB060	0.00113	0	29.6	1
S0	SRCPARAM	498QB061	0.00113	0	29.6	1
S0	SRCPARAM	498QB062	0.00113	0	29.6	1
S0	SRCPARAM	498QB063	0.00113	0	29.6	1

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S0	SRCPARAM	498QB064	0.00113	0	29.6	1
S0	SRCPARAM	498QB065	0.00113	0	29.6	1
S0	SRCPARAM	498QB066	0.00113	0	29.6	1
S0	SRCPARAM	498QB067	0.00113	0	29.6	1
S0	SRCPARAM	498QB068	0.00113	0	29.6	1
S0	SRCPARAM	498QB069	0.00113	0	29.6	1
S0	SRCPARAM	498QB06A	0.00113	0	29.6	1
S0	SRCPARAM	498QB06B	0.00113	0	29.6	1
S0	SRCPARAM	498QB06C	0.00113	0	29.6	1
S0	SRCPARAM	498QB06D	0.00113	0	29.6	1
S0	SRCPARAM	498QB06E	0.00113	0	29.6	1
S0	SRCPARAM	498QB06F	0.00113	0	29.6	1
S0	SRCPARAM	498QB06G	0.00113	0	29.6	1
S0	SRCPARAM	498QB06H	0.00113	0	29.6	1
S0	SRCPARAM	498QB06I	0.00113	0	29.6	1
S0	SRCPARAM	498QB06J	0.00113	0	29.6	1
S0	SRCPARAM	498QB06L	0.00113	0	29.6	1
S0	SRCPARAM	498QB06M	0.00113	0	29.6	1
S0	SRCPARAM	498QB06N	0.00113	0	29.6	1
S0	SRCPARAM	498QB06O	0.00113	0	29.6	1
S0	SRCPARAM	498QB06P	0.00113	0	29.6	1
S0	SRCPARAM	498QB06Q	0.00113	0	29.6	1
S0	SRCPARAM	498QB06R	0.00113	0	29.6	1
S0	SRCPARAM	498QB06S	0.00113	0	29.6	1
S0	SRCPARAM	498QB06T	0.00113	0	29.6	1
S0	SRCPARAM	498QB06U	0.00113	0	29.6	1
S0	SRCPARAM	498QB06V	0.00113	0	29.6	1
S0	SRCPARAM	498QB06X	0.00113	0	29.6	1
S0	SRCPARAM	498QB06Y	0.00113	0	29.6	1
S0	SRCPARAM	498QB06Z	0.00113	0	29.6	1
S0	SRCPARAM	498QB070	0.00113	0	29.6	1
S0	SRCPARAM	498QB071	0.00113	0	29.6	1
S0	SRCPARAM	498QB072	0.00113	0	29.6	1
S0	SRCPARAM	498QB073	0.00113	0	29.6	1
S0	SRCPARAM	498QB075	0.00113	0	29.6	1
S0	SRCPARAM	498QB076	0.00113	0	29.6	1
S0	SRCPARAM	498QB077	0.00113	0	29.6	1
S0	SRCPARAM	498QB078	0.00017	5	29.6	1
S0	SRCPARAM	498QB079	0.00017	5	29.6	1
S0	SRCPARAM	498QB07A	0.00017	5	29.6	1
S0	SRCPARAM	498QB07B	0.00017	5	29.6	1
S0	SRCPARAM	498QB07C	0.00017	5	29.6	1
S0	SRCPARAM	498QB07D	0.00017	5	29.6	1
S0	SRCPARAM	498QB07E	0.00017	5	29.6	1
S0	SRCPARAM	498QB07F	0.00017	5	29.6	1
S0	SRCPARAM	498QB07G	0.00017	5	29.6	1
S0	SRCPARAM	498QB07H	0.00017	5	29.6	1
S0	SRCPARAM	498QB07I	0.00017	5	29.6	1
S0	SRCPARAM	498QB07J	0.00017	5	29.6	1
S0	SRCPARAM	498QB07K	0.00017	5	29.6	1
S0	SRCPARAM	498QB07L	0.00017	5	29.6	1
S0	SRCPARAM	498QB07M	0.00017	5	29.6	1
S0	SRCPARAM	498QB07N	0.00017	5	29.6	1
S0	SRCPARAM	498QB07O	0.00017	5	29.6	1
S0	SRCPARAM	498QB07P	0.00017	5	29.6	1
S0	SRCPARAM	498QB07Q	0.00017	5	29.6	1
S0	SRCPARAM	498QB07R	0.00017	5	29.6	1
S0	SRCPARAM	498QB07S	0.00017	5	29.6	1
S0	SRCPARAM	498QB07T	0.00017	5	29.6	1
S0	SRCPARAM	498QB07U	0.00017	5	29.6	1
S0	SRCPARAM	498QB07V	0.00017	5	29.6	1
S0	SRCPARAM	498QB07W	0.00017	5	29.6	1
S0	SRCPARAM	498QB07X	0.00017	5	29.6	1

AERMOD-MRIC Aermod output file.txt

S0	SRCPARAM	498QB07Y	0.00017	5	29.6	1
S0	SRCPARAM	498QB07Z	0.00017	5	29.6	1
S0	SRCPARAM	498QB080	0.00017	5	29.6	1
S0	SRCPARAM	498QB081	0.00017	5	29.6	1
S0	SRCPARAM	498QB082	0.00017	5	29.6	1
S0	SRCPARAM	498QB083	0.00017	5	29.6	1
S0	SRCPARAM	498QB084	0.00017	5	29.6	1
S0	SRCPARAM	498QB085	0.00017	5	29.6	1
S0	SRCPARAM	498QB086	0.00017	5	29.6	1
S0	SRCPARAM	498QB087	0.00017	5	29.6	1
S0	SRCPARAM	498QB088	0.00017	5	29.6	1
S0	SRCPARAM	498QB089	0.00017	5	29.6	1
S0	SRCPARAM	498QB08A	0.00017	5	29.6	1
S0	SRCPARAM	498QB08B	0.00017	5	29.6	1
S0	SRCPARAM	498QB08C	0.00017	5	29.6	1
S0	SRCPARAM	498QB08D	0.00017	5	29.6	1
S0	SRCPARAM	498QB08E	0.00017	5	29.6	1
S0	SRCPARAM	498QB08F	0.00017	5	29.6	1
S0	SRCPARAM	498QB08G	0.00017	5	29.6	1
S0	SRCPARAM	498QB08H	0.00017	5	29.6	1
S0	SRCPARAM	498QB08I	0.00017	5	29.6	1
S0	SRCPARAM	498QB08J	0.00017	5	29.6	1
S0	SRCPARAM	498QB08K	0.00017	5	29.6	1
S0	SRCPARAM	498QB08L	0.00017	5	29.6	1
S0	SRCPARAM	498QB08M	0.00017	5	29.6	1
S0	SRCPARAM	498QB08N	0.00017	5	29.6	1
S0	SRCPARAM	498QB08O	0.00017	5	29.6	1
S0	SRCPARAM	498QB08P	0.00017	5	29.6	1
S0	SRCPARAM	498QB08Q	0.00017	5	29.6	1
S0	SRCPARAM	498QB08R	0.00017	5	29.6	1
S0	SRCPARAM	498QB08S	0.00017	5	29.6	1
S0	SRCPARAM	498QB08T	0.00017	5	29.6	1
S0	SRCPARAM	498QB08U	0.00017	5	29.6	1
S0	SRCPARAM	498QB08V	0.00017	5	29.6	1
S0	SRCPARAM	498QB08W	0.00017	5	29.6	1
S0	SRCPARAM	498QB08X	0.00017	5	29.6	1
S0	SRCPARAM	498QB08Y	0.00017	5	29.6	1
S0	SRCPARAM	498QB08Z	0.00017	5	29.6	1
S0	SRCPARAM	498QB090	0.00017	5	29.6	1
S0	SRCPARAM	498QB091	0.00017	5	29.6	1
S0	SRCPARAM	498QB092	0.00017	5	29.6	1
S0	SRCPARAM	498QB093	0.00017	5	29.6	1
S0	SRCPARAM	498QB094	0.00017	5	29.6	1
S0	SRCPARAM	498QB095	0.00017	5	29.6	1
S0	SRCPARAM	498QB096	0.00017	5	29.6	1
S0	SRCPARAM	498QB097	0.00017	5	29.6	1
S0	SRCPARAM	498QB098	0.00017	5	29.6	1
S0	SRCPARAM	498QB099	0.00017	5	29.6	1
S0	SRCPARAM	498QB09A	0.00017	5	29.6	1
S0	SRCPARAM	498QB09B	0.00017	5	29.6	1
S0	SRCPARAM	498QB09C	0.00017	5	29.6	1
S0	SRCPARAM	498QB09D	0.00017	5	29.6	1
S0	SRCPARAM	498QB09E	0.00017	5	29.6	1
S0	SRCPARAM	498QB09F	0.00017	5	29.6	1
S0	SRCPARAM	498QB09G	0.00017	5	29.6	1
S0	SRCPARAM	498QB09H	0.00017	5	29.6	1
S0	SRCPARAM	498QB09I	0.00017	5	29.6	1
S0	SRCPARAM	498QB09J	0.00017	5	29.6	1
S0	SRCPARAM	498QB09K	0.00017	5	29.6	1
S0	SRCPARAM	498QB09L	0.00017	5	29.6	1
S0	SRCPARAM	498QB09M	0.00017	5	29.6	1
S0	SRCPARAM	498QB09N	0.00017	5	29.6	1
S0	SRCPARAM	498QB09O	0.00017	5	29.6	1

AERMOD-MRIC Aermod output file.txt

S0	SRCPARAM	498QB09P	0.00017	5	29.6	1
S0	SRCPARAM	498QB09Q	0.00017	5	29.6	1
S0	SRCPARAM	498QB09R	0.00017	5	29.6	1
S0	SRCPARAM	498QB09S	0.00017	5	29.6	1
S0	SRCPARAM	498QB09T	0.00017	5	29.6	1
S0	SRCPARAM	498QB09U	0.00017	5	29.6	1
S0	SRCPARAM	498QB09V	0.00017	5	29.6	1
S0	SRCPARAM	498QB09W	0.00017	5	29.6	1
S0	SRCPARAM	498QB09X	0.00017	5	29.6	1
S0	SRCPARAM	498QB09Y	0.00017	5	29.6	1
S0	SRCPARAM	498QB09Z	0.00017	5	29.6	1
S0	SRCPARAM	498QB0A0	0.00017	5	29.6	1
S0	SRCPARAM	498QB0A1	0.00017	5	29.6	1
S0	SRCPARAM	498QB0A2	0.00017	5	29.6	1
S0	SRCPARAM	498QB0A3	0.00017	5	29.6	1
S0	SRCPARAM	498QB0A4	0.00017	5	29.6	1
S0	SRCPARAM	498QB0A5	0.00017	5	29.6	1
S0	SRCPARAM	498QB0A6	0.00017	5	29.6	1
S0	SRCPARAM	498QB0A7	0.00017	5	29.6	1
S0	SRCPARAM	498QB0A8	0.00017	5	29.6	1
S0	SRCPARAM	498QB0A9	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AA	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AB	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AC	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AD	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AE	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AF	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AG	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AH	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AI	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AJ	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AK	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AL	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AM	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AN	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AO	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AP	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AQ	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AR	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AS	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AT	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AU	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AV	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AW	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AX	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AY	0.00017	5	29.6	1
S0	SRCPARAM	498QB0AZ	0.00017	5	29.6	1
S0	SRCPARAM	498QB0B0	0.00017	5	29.6	1
S0	SRCPARAM	498QB0B1	0.00017	5	29.6	1
S0	SRCPARAM	498QB0B2	0.00017	5	29.6	1
S0	SRCPARAM	498QB0B3	0.00017	5	29.6	1
S0	SRCPARAM	498QB0B4	0.00017	5	29.6	1
S0	SRCPARAM	498QB0B5	0.00017	5	29.6	1
S0	SRCPARAM	498QB0B6	0.00017	5	29.6	1
S0	SRCPARAM	498QB0B7	0.00017	5	29.6	1
S0	SRCPARAM	498QB0B8	0.00017	5	29.6	1
S0	SRCPARAM	498QB0B9	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BA	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BB	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BC	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BD	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BE	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BF	0.00017	5	29.6	1

AERMOD-MRIC Aermod output file.txt

S0	SRCPARAM	498QB0BG	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BH	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BI	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BJ	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BK	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BL	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BM	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BN	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BO	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BP	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BQ	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BR	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BS	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BT	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BU	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BV	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BW	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BX	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BY	0.00017	5	29.6	1
S0	SRCPARAM	498QB0BZ	0.00017	5	29.6	1
S0	SRCPARAM	498QB0C0	0.00017	5	29.6	1
S0	SRCPARAM	498QB0C1	0.00017	5	29.6	1
S0	SRCPARAM	498QB0C2	0.00017	5	29.6	1
S0	SRCPARAM	498QB0C3	0.00017	5	29.6	1
S0	SRCPARAM	498QB0C4	0.00017	5	29.6	1
S0	SRCPARAM	498QB0C5	0.00017	5	29.6	1
S0	SRCPARAM	498QB0C6	0.00017	5	29.6	1
S0	SRCPARAM	498QB0C7	0.00017	5	29.6	1
S0	SRCPARAM	498QB0C8	0.00017	5	29.6	1
S0	SRCPARAM	498QB0C9	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CA	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CB	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CC	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CD	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CE	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CF	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CG	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CH	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CI	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CJ	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CK	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CL	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CM	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CN	0.00017	5	29.6	1
S0	SRCPARAM	498QB0C0	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CP	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CQ	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CR	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CS	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CT	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CU	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CV	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CW	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CX	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CY	0.00017	5	29.6	1
S0	SRCPARAM	498QB0CZ	0.00017	5	29.6	1
S0	SRCPARAM	498QB0D0	0.00017	5	29.6	1
S0	SRCPARAM	498QB0D1	0.00017	5	29.6	1
S0	SRCPARAM	498QB0D2	0.00017	5	29.6	1
S0	SRCPARAM	498QB0D3	0.00017	5	29.6	1
S0	SRCPARAM	498QB0D4	0.00017	5	29.6	1
S0	SRCPARAM	498QB0D5	0.00017	5	29.6	1
S0	SRCPARAM	498QB0D6	0.00017	5	29.6	1

AERMOD-MRIC Aermod output file.txt

S0 SRCPARAM 498QBOD7 0.00017 5 29.6 1
S0 SRCPARAM 498QBOD8 0.00017 5 29.6 1
S0 SRCPARAM 498QBOD9 0.00017 5 29.6 1
S0 SRCPARAM 498QBODA 0.00017 5 29.6 1
S0 SRCPARAM 498QBODB 0.00017 5 29.6 1
S0 SRCPARAM 498QBODC 0.00017 5 29.6 1
S0 SRCPARAM 498QBODD 0.00017 5 29.6 1
S0 SRCPARAM 498QBODE 0.00017 5 29.6 1
S0 SRCPARAM 498QBODF 0.00017 5 29.6 1
S0 SRCPARAM 498QBODG 0.00017 5 29.6 1
S0 SRCPARAM 498QBODH 0.00017 5 29.6 1
S0 SRCPARAM 498QBODI 0.00017 5 29.6 1
S0 SRCPARAM 498QBODJ 0.00017 5 29.6 1
S0 SRCPARAM 498QBODK 0.00017 5 29.6 1
S0 SRCPARAM 498QBODL 0.00017 5 29.6 1
S0 SRCPARAM 498QBODM 0.00017 5 29.6 1
S0 SRCPARAM 498QBODN 0.00017 5 29.6 1
S0 SRCPARAM 498QBODO 0.00017 5 29.6 1
S0 SRCPARAM 498QBODP 0.00017 5 29.6 1
S0 SRCPARAM 498QBODQ 0.00017 5 29.6 1
S0 SRCPARAM 498QBODR 0.00017 5 29.6 1
S0 SRCPARAM 498QBODS 0.00017 5 29.6 1
S0 SRCPARAM 498QBODT 0.00017 5 29.6 1
S0 SRCPARAM 498QBODU 0.00017 5 29.6 1
S0 SRCPARAM 498QBODV 0.00017 5 29.6 1
S0 SRCPARAM 498QBODW 0.00017 5 29.6 1
S0 SRCPARAM 498QBODX 0.00017 5 29.6 1
S0 SRCPARAM 498QBODY 0.00017 5 29.6 1
S0 SRCPARAM 498QBODZ 0.00017 5 29.6 1
S0 SRCPARAM 498QB0E0 0.00017 5 29.6 1
S0 SRCPARAM 498QB0E1 0.00017 5 29.6 1
S0 SRCPARAM 498QB0E2 0.00017 5 29.6 1
S0 SRCPARAM 498QB0E3 0.00017 5 29.6 1
S0 SRCPARAM 498QB0E4 0.00017 5 29.6 1
S0 SRCPARAM 498QB0E5 0.00017 5 29.6 1
S0 SRCPARAM 498QB0E6 0.00017 5 29.6 1
S0 SRCPARAM 498QB0E7 0.00017 5 29.6 1
S0 SRCPARAM 498QB0E8 0.00017 5 29.6 1
S0 SRCPARAM 498QB0E9 0.00017 5 29.6 1
S0 SRCPARAM 498QB0EA 0.00017 5 29.6 1
S0 SRCGROUP ALL
S0 FINISHED

RE STARTING
RE ELEVUNIT METERS
RE DI SCCART 613319 4269064.9 0 0 1.8
** SENSITIVE
** RCPDESCR School
RE DI SCCART 613589 4268735.7 0 0 1.8
** SENSITIVE
** RCPDESCR R1
RE DI SCCART 613586 4268776.2 0 0 1.8
** SENSITIVE
** RCPDESCR R2
RE DI SCCART 613566.5 4268573.8 0 0 1.8
** SENSITIVE
** RCPDESCR R3
RE DI SCCART 613563.5 4268516.8 0 0 1.8
** SENSITIVE
** RCPDESCR R4
RE FINISHED

ME STARTING

AERMOD-MRIC Aermod output file.txt

ME SURFFILE "I:\Projects\Active\Davis\Innovation Parks\Reference Materials
applicable to both ICs\MET DATA FILES FOR AERMOD\Int 10-14 N1MD.SFC"
** SURFFILE "I:\Projects\Active\Davis\Innovation Parks\Reference Materials
applicable to both ICs\MET DATA FILES FOR AERMOD\Int 10-14 N1MD.SFC"
ME PROFFILE "I:\Projects\Active\Davis\Innovation Parks\Reference Materials
applicable to both ICs\MET DATA FILES FOR AERMOD\Int 10-14 N1MD.PFL"
** PROFFILE "I:\Projects\Active\Davis\Innovation Parks\Reference Materials
applicable to both ICs\MET DATA FILES FOR AERMOD\Int 10-14 N1MD.PFL"
ME SURFDATA 93225 2010 SacInt'I
ME UAIRDATA 23230 2010
ME PROFBASE 7.9248 METERS
ME STARTEND 2014 1 1 1 2014 12 31 24
ME FINISHED

OU STARTING
OU RECTABLE 24 FIRST
OU FILEFORM FIX
OU MAXTABLE 24 1
OU PLOTFILE 24 ALL FIRST ALL`24`FIRST.plt 10000
OU PLOTFILE ANNUAL ALL ALL`ANNUAL.plt 10001
OU FINISHED

** It is recommended that the user not edit any data below this line

** AMPTYPE
** AMPDATUM -1
** AMPZONE -1
** AMPHEMISPHERE

** PROJECTION UTM
** DATUM WGE
** UNITS METER
** ZONE 10
** HEMISPHERE N
** ORIGINLON 0
** ORIGINLAT 0
** PARALLEL1 0
** PARALLEL2 0
** AZIMUTH 0
** SCALEFACT 0
** FALSEEAST 0
** FALSENORTH 0

** POSTFMT UNIFORM
** TEMPLATE Regulatory, 0
** AERMODEXE AERMOD_BREEZE_14134.exe
** AERMAPEXE AERMAP_EPA_11103.exe

*** SETUP Finishes Successfully ***

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
*** 03/17/15
*** AERMET - VERSION 14134 *** ***
*** 18:27:23

**MODELOPTs: RegDEFAULT CONC PAGE 1
ELEV FLGPOL
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AERMOD-MRIC Aermod output file.txt

*** MODEL SETUP OPTIONS SUMMARY

***Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

**Other Options Specified:

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM10

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates ANNUAL Averages

**This Run Includes: 510 Source(s); 1 Source Group(s); and 5
Receptor(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 14134

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

Keyword) Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE

Keyword) Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE

Keyword) Model Outputs External File(s) of High Values for Plotting (PLOTFILE

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and

Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 7.92 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0

Emission Units = GRAMS/SEC ;

Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

AERMOD-MRIC Aermod output file.txt

**Input Runstream File: AERMOD.INP
**Output Print File: AERMOD.OUT

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
*** AERMET - VERSION 14134 *** 03/17/15
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**MODELOPTs: RegDEFAULT CONC PAGE 2
ELEV FLGPOL

*** VOLUME SOURCE DATA ***

INIT. URBAN	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.
SOURCE	EMISSION RATE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ SOURCE	SCALAR VARY	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	BY						
(METERS)							
498QB002	0	0.11300E-02	613832.5	4268139.0	0.0	0.00	29.60
1.00 NO							
498QB003	0	0.11300E-02	613896.1	4268139.0	0.0	0.00	29.60
1.00 NO							
498QB004	0	0.11300E-02	613959.7	4268139.0	0.0	0.00	29.60
1.00 NO							
498QB005	0	0.11300E-02	613832.5	4268203.0	0.0	0.00	29.60
1.00 NO							
498QB006	0	0.11300E-02	613896.1	4268203.0	0.0	0.00	29.60
1.00 NO							
498QB007	0	0.11300E-02	613959.7	4268203.0	0.0	0.00	29.60
1.00 NO							
498QB008	0	0.11300E-02	614023.3	4268203.0	0.0	0.00	29.60
1.00 NO							
498QB009	0	0.11300E-02	614086.9	4268203.0	0.0	0.00	29.60
1.00 NO							
498QB00A	0	0.11300E-02	614150.5	4268203.0	0.0	0.00	29.60
1.00 NO							
498QB00B	0	0.11300E-02	613832.5	4268266.0	0.0	0.00	29.60
1.00 NO							
498QB00C	0	0.11300E-02	613896.1	4268266.0	0.0	0.00	29.60
1.00 NO							
498QB00D	0	0.11300E-02	613959.7	4268266.0	0.0	0.00	29.60
1.00 NO							
498QB00E	0	0.11300E-02	614023.3	4268266.0	0.0	0.00	29.60
1.00 NO							
498QB00F	0	0.11300E-02	614086.9	4268266.0	0.0	0.00	29.60
1.00 NO							
498QB00G	0	0.11300E-02	614150.5	4268266.0	0.0	0.00	29.60
1.00 NO							
498QB00H	0	0.11300E-02	614214.1	4268266.0	0.0	0.00	29.60
1.00 NO							
498QB00I	0	0.11300E-02	614277.7	4268266.0	0.0	0.00	29.60
1.00 NO							
498QB00J	0	0.11300E-02	614341.3	4268266.0	0.0	0.00	29.60
1.00 NO							
498QB00K	0	0.11300E-02	613832.5	4268330.0	0.0	0.00	29.60
1.00 NO							

AERMOD-MRIC Aermod output file.txt

498QB00L	0	0.11300E-02	613896.1	4268330.0	0.0	0.00	29.60
1.00 NO							
498QB00M	0	0.11300E-02	613959.7	4268330.0	0.0	0.00	29.60
1.00 NO							
498QB00N	0	0.11300E-02	614023.3	4268330.0	0.0	0.00	29.60
1.00 NO							
498QB00O	0	0.11300E-02	614086.9	4268330.0	0.0	0.00	29.60
1.00 NO							
498QB00P	0	0.11300E-02	614150.5	4268330.0	0.0	0.00	29.60
1.00 NO							
498QB00Q	0	0.11300E-02	614214.1	4268330.0	0.0	0.00	29.60
1.00 NO							
498QB00R	0	0.11300E-02	614277.7	4268330.0	0.0	0.00	29.60
1.00 NO							
498QB00S	0	0.11300E-02	614341.3	4268330.0	0.0	0.00	29.60
1.00 NO							
498QB00T	0	0.11300E-02	614404.9	4268330.0	0.0	0.00	29.60
1.00 NO							
498QB00U	0	0.11300E-02	614468.5	4268330.0	0.0	0.00	29.60
1.00 NO							
498QB00V	0	0.11300E-02	614532.1	4268330.0	0.0	0.00	29.60
1.00 NO							
498QB00W	0	0.11300E-02	613832.5	4268393.0	0.0	0.00	29.60
1.00 NO							
498QB00X	0	0.11300E-02	613896.1	4268393.0	0.0	0.00	29.60
1.00 NO							
498QB00Y	0	0.11300E-02	613959.7	4268393.0	0.0	0.00	29.60
1.00 NO							
498QB00Z	0	0.11300E-02	614023.3	4268393.0	0.0	0.00	29.60
1.00 NO							
498QB010	0	0.11300E-02	614086.9	4268393.0	0.0	0.00	29.60
1.00 NO							
498QB011	0	0.11300E-02	614150.5	4268393.0	0.0	0.00	29.60
1.00 NO							
498QB012	0	0.11300E-02	614214.1	4268393.0	0.0	0.00	29.60
1.00 NO							
498QB013	0	0.11300E-02	614277.7	4268393.0	0.0	0.00	29.60
1.00 NO							
498QB014	0	0.11300E-02	614341.3	4268393.0	0.0	0.00	29.60
1.00 NO							
498QB015	0	0.11300E-02	614404.9	4268393.0	0.0	0.00	29.60
1.00 NO							

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
 *** AERMET - VERSION 14134 *** 03/17/15
 *** 18:27:23

**MODELOPTs: RegDFAULT CONC PAGE 3
 ELEV FLGPOL

*** VOLUME SOURCE DATA ***

INIT. SOURCE	URBAN SOURCE	NUMBER EMISSION RATE	EMISSION RATE	BASE	RELEASE	INIT.
SZ	ID	SCALAR	(GRAMS/SEC)	ELEV.	HEIGHT	SY
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)

498QB016	0	0.11300E-02	614468.5	4268393.0	0.0	0.00	29.60
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AERMOD-MRI C Aermod output file.txt

1.00	NO							
498QB017		0	0.11300E-02	614532.1	4268393.0	0.0	0.00	29.60
1.00	NO							
498QB018		0	0.11300E-02	613832.5	4268457.0	0.0	0.00	29.60
1.00	NO							
498QB019		0	0.11300E-02	613896.1	4268457.0	0.0	0.00	29.60
1.00	NO							
498QB01A		0	0.11300E-02	613959.7	4268457.0	0.0	0.00	29.60
1.00	NO							
498QB01B		0	0.11300E-02	614023.3	4268457.0	0.0	0.00	29.60
1.00	NO							
498QB01C		0	0.11300E-02	614086.9	4268457.0	0.0	0.00	29.60
1.00	NO							
498QB01D		0	0.11300E-02	614150.5	4268457.0	0.0	0.00	29.60
1.00	NO							
498QB01E		0	0.11300E-02	614214.1	4268457.0	0.0	0.00	29.60
1.00	NO							
498QB01F		0	0.11300E-02	614277.7	4268457.0	0.0	0.00	29.60
1.00	NO							
498QB01G		0	0.11300E-02	614341.3	4268457.0	0.0	0.00	29.60
1.00	NO							
498QB01H		0	0.11300E-02	614404.9	4268457.0	0.0	0.00	29.60
1.00	NO							
498QB01I		0	0.11300E-02	614468.5	4268457.0	0.0	0.00	29.60
1.00	NO							
498QB01J		0	0.11300E-02	614532.1	4268457.0	0.0	0.00	29.60
1.00	NO							
498QB01K		0	0.11300E-02	613832.5	4268521.0	0.0	0.00	29.60
1.00	NO							
498QB01L		0	0.11300E-02	613896.1	4268521.0	0.0	0.00	29.60
1.00	NO							
498QB01M		0	0.11300E-02	613959.7	4268521.0	0.0	0.00	29.60
1.00	NO							
498QB01N		0	0.11300E-02	614023.3	4268521.0	0.0	0.00	29.60
1.00	NO							
498QB01O		0	0.11300E-02	614086.9	4268521.0	0.0	0.00	29.60
1.00	NO							
498QB01P		0	0.11300E-02	614150.5	4268521.0	0.0	0.00	29.60
1.00	NO							
498QB01Q		0	0.11300E-02	614214.1	4268521.0	0.0	0.00	29.60
1.00	NO							
498QB01R		0	0.11300E-02	614277.7	4268521.0	0.0	0.00	29.60
1.00	NO							
498QB01S		0	0.11300E-02	614341.3	4268521.0	0.0	0.00	29.60
1.00	NO							
498QB01T		0	0.11300E-02	614404.9	4268521.0	0.0	0.00	29.60
1.00	NO							
498QB01U		0	0.11300E-02	614468.5	4268521.0	0.0	0.00	29.60
1.00	NO							
498QB01V		0	0.11300E-02	614532.1	4268521.0	0.0	0.00	29.60
1.00	NO							
498QB01W		0	0.11300E-02	613832.5	4268584.0	0.0	0.00	29.60
1.00	NO							
498QB01X		0	0.11300E-02	613896.1	4268584.0	0.0	0.00	29.60
1.00	NO							
498QB01Y		0	0.11300E-02	613959.7	4268584.0	0.0	0.00	29.60
1.00	NO							
498QB01Z		0	0.11300E-02	614023.3	4268584.0	0.0	0.00	29.60
1.00	NO							
498QB020		0	0.11300E-02	614086.9	4268584.0	0.0	0.00	29.60
1.00	NO							
498QB021		0	0.11300E-02	614150.5	4268584.0	0.0	0.00	29.60
1.00	NO							

AERMOD-MRIC Aermod output file.txt

498QB022	0	0.11300E-02	614214.1	4268584.0	0.0	0.00	29.60
1.00 NO							
498QB023	0	0.11300E-02	614277.7	4268584.0	0.0	0.00	29.60
1.00 NO							
498QB024	0	0.11300E-02	614341.3	4268584.0	0.0	0.00	29.60
1.00 NO							
498QB025	0	0.11300E-02	614404.9	4268584.0	0.0	0.00	29.60
1.00 NO							
498QB026	0	0.11300E-02	614468.5	4268584.0	0.0	0.00	29.60
1.00 NO							
498QB027	0	0.11300E-02	614532.1	4268584.0	0.0	0.00	29.60
1.00 NO							
498QB028	0	0.11300E-02	613832.5	4268648.0	0.0	0.00	29.60
1.00 NO							
498QB029	0	0.11300E-02	613896.1	4268648.0	0.0	0.00	29.60
1.00 NO							

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
 *** 03/17/15
 *** AERMET - VERSION 14134 *** ***
 *** 18:27:23

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ELEV FLGPOL

**MODELOPTs: RegDEFAULT CONC

*** VOLUME SOURCE DATA ***

INIT. URBAN	NUMBER	EMISSION RATE	BASE	RELEASE	INIT.
SZ SOURCE	EMISSION RATE	(GRAMS/SEC)	ELEV.	HEIGHT	SY
ID	PART.	X Y	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	(METERS) (METERS)	(METERS)	(METERS)	(METERS)
	CATS.	BY			
498QB02A	0	0.11300E-02	613959.7	4268648.0	0.0
1.00 NO					0.00
498QB02B	0	0.11300E-02	614023.3	4268648.0	0.0
1.00 NO					0.00
498QB02C	0	0.11300E-02	614086.9	4268648.0	0.0
1.00 NO					0.00
498QB02D	0	0.11300E-02	614150.5	4268648.0	0.0
1.00 NO					0.00
498QB02E	0	0.11300E-02	614214.1	4268648.0	0.0
1.00 NO					0.00
498QB02F	0	0.11300E-02	614277.7	4268648.0	0.0
1.00 NO					0.00
498QB02G	0	0.11300E-02	614341.3	4268648.0	0.0
1.00 NO					0.00
498QB02H	0	0.11300E-02	614404.9	4268648.0	0.0
1.00 NO					0.00
498QB02I	0	0.11300E-02	614468.5	4268648.0	0.0
1.00 NO					0.00
498QB02J	0	0.11300E-02	614532.1	4268648.0	0.0
1.00 NO					0.00
498QB02K	0	0.11300E-02	613832.5	4268711.0	0.0
1.00 NO					0.00
498QB02L	0	0.11300E-02	613896.1	4268711.0	0.0
1.00 NO					0.00
498QB02M	0	0.11300E-02	613959.7	4268711.0	0.0
1.00 NO					0.00
498QB02N	0	0.11300E-02	614023.3	4268711.0	0.0
					0.00

AERMOD-MRIC Aermod output file.txt

1.00	NO							
498QB020		0	0.11300E-02	614086.9	4268711.0	0.0	0.00	29.60
1.00	NO							
498QB02P		0	0.11300E-02	614150.5	4268711.0	0.0	0.00	29.60
1.00	NO							
498QB02Q		0	0.11300E-02	614214.1	4268711.0	0.0	0.00	29.60
1.00	NO							
498QB02R		0	0.11300E-02	614277.7	4268711.0	0.0	0.00	29.60
1.00	NO							
498QB02S		0	0.11300E-02	614341.3	4268711.0	0.0	0.00	29.60
1.00	NO							
498QB02T		0	0.11300E-02	614404.9	4268711.0	0.0	0.00	29.60
1.00	NO							
498QB02U		0	0.11300E-02	614468.5	4268711.0	0.0	0.00	29.60
1.00	NO							
498QB02V		0	0.11300E-02	614532.1	4268711.0	0.0	0.00	29.60
1.00	NO							
498QB02W		0	0.11300E-02	613832.5	4268775.0	0.0	0.00	29.60
1.00	NO							
498QB02X		0	0.11300E-02	613896.1	4268775.0	0.0	0.00	29.60
1.00	NO							
498QB02Y		0	0.11300E-02	613959.7	4268775.0	0.0	0.00	29.60
1.00	NO							
498QB02Z		0	0.11300E-02	614023.3	4268775.0	0.0	0.00	29.60
1.00	NO							
498QB030		0	0.11300E-02	614086.9	4268775.0	0.0	0.00	29.60
1.00	NO							
498QB031		0	0.11300E-02	614150.5	4268775.0	0.0	0.00	29.60
1.00	NO							
498QB032		0	0.11300E-02	614214.1	4268775.0	0.0	0.00	29.60
1.00	NO							
498QB033		0	0.11300E-02	614277.7	4268775.0	0.0	0.00	29.60
1.00	NO							
498QB034		0	0.11300E-02	614341.3	4268775.0	0.0	0.00	29.60
1.00	NO							
498QB035		0	0.11300E-02	614404.9	4268775.0	0.0	0.00	29.60
1.00	NO							
498QB036		0	0.11300E-02	614468.5	4268775.0	0.0	0.00	29.60
1.00	NO							
498QB037		0	0.11300E-02	614532.1	4268775.0	0.0	0.00	29.60
1.00	NO							
498QB038		0	0.11300E-02	613832.5	4268839.0	0.0	0.00	29.60
1.00	NO							
498QB039		0	0.11300E-02	613896.1	4268839.0	0.0	0.00	29.60
1.00	NO							
498QB03A		0	0.11300E-02	613959.7	4268839.0	0.0	0.00	29.60
1.00	NO							
498QB03B		0	0.11300E-02	614023.3	4268839.0	0.0	0.00	29.60
1.00	NO							
498QB03C		0	0.11300E-02	614086.9	4268839.0	0.0	0.00	29.60
1.00	NO							
498QB03D		0	0.11300E-02	614150.5	4268839.0	0.0	0.00	29.60

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
 *** AERMET - VERSION 14134 *** 03/17/15
 *** 18:27:23

**MODELOPTs: RegDEFAULT CONC PAGE 5
 ELEV FLGPOL

*** VOLUME SOURCE DATA ***

AERMOD-MRIC Aermod output file.txt

INIT. SOURCE ID (METERS)	URBAN SOURCE ID	NUMBER EMISSION PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)
498QB03E		0	0.11300E-02	614214.1	4268839.0	0.0	0.00	29.60
1.00	NO							
498QB03F		0	0.11300E-02	614277.7	4268839.0	0.0	0.00	29.60
1.00	NO							
498QB03G		0	0.11300E-02	614341.3	4268839.0	0.0	0.00	29.60
1.00	NO							
498QB03H		0	0.11300E-02	614404.9	4268839.0	0.0	0.00	29.60
1.00	NO							
498QB03I		0	0.11300E-02	614468.5	4268839.0	0.0	0.00	29.60
1.00	NO							
498QB03J		0	0.11300E-02	614532.1	4268839.0	0.0	0.00	29.60
1.00	NO							
498QB03K		0	0.11300E-02	613832.5	4268902.0	0.0	0.00	29.60
1.00	NO							
498QB03L		0	0.11300E-02	613896.1	4268902.0	0.0	0.00	29.60
1.00	NO							
498QB03M		0	0.11300E-02	613959.7	4268902.0	0.0	0.00	29.60
1.00	NO							
498QB03N		0	0.11300E-02	614023.3	4268902.0	0.0	0.00	29.60
1.00	NO							
498QB03O		0	0.11300E-02	614086.9	4268902.0	0.0	0.00	29.60
1.00	NO							
498QB03P		0	0.11300E-02	614150.5	4268902.0	0.0	0.00	29.60
1.00	NO							
498QB03Q		0	0.11300E-02	614214.1	4268902.0	0.0	0.00	29.60
1.00	NO							
498QB03R		0	0.11300E-02	614277.7	4268902.0	0.0	0.00	29.60
1.00	NO							
498QB03S		0	0.11300E-02	614341.3	4268902.0	0.0	0.00	29.60
1.00	NO							
498QB03T		0	0.11300E-02	614404.9	4268902.0	0.0	0.00	29.60
1.00	NO							
498QB03U		0	0.11300E-02	614468.5	4268902.0	0.0	0.00	29.60
1.00	NO							
498QB03V		0	0.11300E-02	614532.1	4268902.0	0.0	0.00	29.60
1.00	NO							
498QB03W		0	0.11300E-02	613832.5	4268966.0	0.0	0.00	29.60
1.00	NO							
498QB03X		0	0.11300E-02	613896.1	4268966.0	0.0	0.00	29.60
1.00	NO							
498QB03Y		0	0.11300E-02	613959.7	4268966.0	0.0	0.00	29.60
1.00	NO							
498QB03Z		0	0.11300E-02	614023.3	4268966.0	0.0	0.00	29.60
1.00	NO							
498QB040		0	0.11300E-02	614086.9	4268966.0	0.0	0.00	29.60
1.00	NO							
498QB041		0	0.11300E-02	614150.5	4268966.0	0.0	0.00	29.60
1.00	NO							
498QB042		0	0.11300E-02	614214.1	4268966.0	0.0	0.00	29.60
1.00	NO							
498QB043		0	0.11300E-02	614277.7	4268966.0	0.0	0.00	29.60
1.00	NO							
498QB044		0	0.11300E-02	614341.3	4268966.0	0.0	0.00	29.60

AERMOD-MRIC Aermod output file.txt

1.00	NO							
498QB045		0	0.11300E-02	614404.9	4268966.0	0.0	0.00	29.60
1.00	NO							
498QB046		0	0.11300E-02	614468.5	4268966.0	0.0	0.00	29.60
1.00	NO							
498QB047		0	0.11300E-02	614532.1	4268966.0	0.0	0.00	29.60
1.00	NO							
498QB048		0	0.11300E-02	613832.5	4269029.0	0.0	0.00	29.60
1.00	NO							
498QB049		0	0.11300E-02	613896.1	4269029.0	0.0	0.00	29.60
1.00	NO							
498QB04A		0	0.11300E-02	613959.7	4269029.0	0.0	0.00	29.60
1.00	NO							
498QB04B		0	0.11300E-02	614023.3	4269029.0	0.0	0.00	29.60
1.00	NO							
498QB04C		0	0.11300E-02	614086.9	4269029.0	0.0	0.00	29.60
1.00	NO							
498QB04D		0	0.11300E-02	614150.5	4269029.0	0.0	0.00	29.60
1.00	NO							
498QB04E		0	0.11300E-02	614214.1	4269029.0	0.0	0.00	29.60
1.00	NO							
498QB04F		0	0.11300E-02	614277.7	4269029.0	0.0	0.00	29.60
1.00	NO							
498QB04G		0	0.11300E-02	614341.3	4269029.0	0.0	0.00	29.60
1.00	NO							
498QB04H		0	0.11300E-02	614404.9	4269029.0	0.0	0.00	29.60

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
 *** AERMET - VERSION 14134 *** 03/17/15
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**MODELOPTs: RegDFAULT CONC PAGE 6
 ELEV FLGPOL

*** VOLUME SOURCE DATA ***

INIT. URBAN	NUMBER	EMISSION	RATE	BASE	RELEASE	INIT.	
SOURCE	EMISSION	RATE		ELEV.	HEIGHT	SY	
SZ SOURCE	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	
ID	SCALAR	VARY	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)	CATS.	BY					
498QB04I	0	0.11300E-02	614468.5	4269029.0	0.0	0.00	29.60
1.00	NO						
498QB04J	0	0.11300E-02	614532.1	4269029.0	0.0	0.00	29.60
1.00	NO						
498QB04K	0	0.11300E-02	613832.5	4269093.0	0.0	0.00	29.60
1.00	NO						
498QB04L	0	0.11300E-02	613896.1	4269093.0	0.0	0.00	29.60
1.00	NO						
498QB04M	0	0.11300E-02	613959.7	4269093.0	0.0	0.00	29.60
1.00	NO						
498QB04N	0	0.11300E-02	614023.3	4269093.0	0.0	0.00	29.60
1.00	NO						
498QB04O	0	0.11300E-02	614086.9	4269093.0	0.0	0.00	29.60
1.00	NO						
498QB04P	0	0.11300E-02	614150.5	4269093.0	0.0	0.00	29.60
1.00	NO						

AERMOD-MRI C Aermod output file.txt

498QB04Q	0	0.11300E-02	614214.1	4269093.0	0.0	0.00	29.60
1.00 NO							
498QB04R	0	0.11300E-02	614277.7	4269093.0	0.0	0.00	29.60
1.00 NO							
498QB04S	0	0.11300E-02	614341.3	4269093.0	0.0	0.00	29.60
1.00 NO							
498QB04T	0	0.11300E-02	614404.9	4269093.0	0.0	0.00	29.60
1.00 NO							
498QB04U	0	0.11300E-02	614468.5	4269093.0	0.0	0.00	29.60
1.00 NO							
498QB04V	0	0.11300E-02	614532.1	4269093.0	0.0	0.00	29.60
1.00 NO							
498QB04W	0	0.11300E-02	613832.5	4269157.0	0.0	0.00	29.60
1.00 NO							
498QB04X	0	0.11300E-02	613896.1	4269157.0	0.0	0.00	29.60
1.00 NO							
498QB04Y	0	0.11300E-02	613959.7	4269157.0	0.0	0.00	29.60
1.00 NO							
498QB04Z	0	0.11300E-02	614023.3	4269157.0	0.0	0.00	29.60
1.00 NO							
498QB050	0	0.11300E-02	614086.9	4269157.0	0.0	0.00	29.60
1.00 NO							
498QB051	0	0.11300E-02	614150.5	4269157.0	0.0	0.00	29.60
1.00 NO							
498QB052	0	0.11300E-02	614214.1	4269157.0	0.0	0.00	29.60
1.00 NO							
498QB053	0	0.11300E-02	614277.7	4269157.0	0.0	0.00	29.60
1.00 NO							
498QB054	0	0.11300E-02	614341.3	4269157.0	0.0	0.00	29.60
1.00 NO							
498QB055	0	0.11300E-02	614404.9	4269157.0	0.0	0.00	29.60
1.00 NO							
498QB056	0	0.11300E-02	614468.5	4269157.0	0.0	0.00	29.60
1.00 NO							
498QB057	0	0.11300E-02	614532.1	4269157.0	0.0	0.00	29.60
1.00 NO							
498QB058	0	0.11300E-02	613832.5	4269220.0	0.0	0.00	29.60
1.00 NO							
498QB059	0	0.11300E-02	613896.1	4269220.0	0.0	0.00	29.60
1.00 NO							
498QB05A	0	0.11300E-02	613959.7	4269220.0	0.0	0.00	29.60
1.00 NO							
498QB05B	0	0.11300E-02	614023.3	4269220.0	0.0	0.00	29.60
1.00 NO							
498QB05C	0	0.11300E-02	614086.9	4269220.0	0.0	0.00	29.60
1.00 NO							
498QB05D	0	0.11300E-02	614150.5	4269220.0	0.0	0.00	29.60
1.00 NO							
498QB05E	0	0.11300E-02	614214.1	4269220.0	0.0	0.00	29.60
1.00 NO							
498QB05F	0	0.11300E-02	614277.7	4269220.0	0.0	0.00	29.60
1.00 NO							
498QB05G	0	0.11300E-02	614341.3	4269220.0	0.0	0.00	29.60
1.00 NO							
498QB05H	0	0.11300E-02	614404.9	4269220.0	0.0	0.00	29.60
1.00 NO							
498QB05I	0	0.11300E-02	614468.5	4269220.0	0.0	0.00	29.60
1.00 NO							
498QB05J	0	0.11300E-02	614532.1	4269220.0	0.0	0.00	29.60
1.00 NO							
498QB05K	0	0.11300E-02	613832.5	4269284.0	0.0	0.00	29.60
1.00 NO							
498QB05L	0	0.11300E-02	613896.1	4269284.0	0.0	0.00	29.60

AERMOD-MRIC Aermod output file.txt

1.00 NO
 *** AERMOD - VERSION 14134 *** MRIC Construction DPM
 03/17/15
 *** AERMET - VERSION 14134 ***
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**MODELOPTs: RegDFAULT CONC PAGE 7
 ELEV FLGPOL

*** VOLUME SOURCE DATA ***

INIT. SOURCE	URBAN SOURCE	NUMBER EMISSION RATE	EMISSION RATE	BASE	RELEASE	INIT.
SZ	ID	PART. (GRAMS/SEC)	SCALAR VARY	ELEV.	HEIGHT	SY
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)

498QB05M	0	0.11300E-02	613959.7	4269284.0	0.0	0.00	29.60
1.00 NO							
498QB05N	0	0.11300E-02	614023.3	4269284.0	0.0	0.00	29.60
1.00 NO							
498QB05O	0	0.11300E-02	614086.9	4269284.0	0.0	0.00	29.60
1.00 NO							
498QB05P	0	0.11300E-02	614150.5	4269284.0	0.0	0.00	29.60
1.00 NO							
498QB05Q	0	0.11300E-02	614214.1	4269284.0	0.0	0.00	29.60
1.00 NO							
498QB05R	0	0.11300E-02	614277.7	4269284.0	0.0	0.00	29.60
1.00 NO							
498QB05S	0	0.11300E-02	614341.3	4269284.0	0.0	0.00	29.60
1.00 NO							
498QB05T	0	0.11300E-02	614404.9	4269284.0	0.0	0.00	29.60
1.00 NO							
498QB05U	0	0.11300E-02	614468.5	4269284.0	0.0	0.00	29.60
1.00 NO							
498QB05V	0	0.11300E-02	614532.1	4269284.0	0.0	0.00	29.60
1.00 NO							
498QB05W	0	0.11300E-02	613832.5	4269347.0	0.0	0.00	29.60
1.00 NO							
498QB05X	0	0.11300E-02	613896.1	4269347.0	0.0	0.00	29.60
1.00 NO							
498QB05Y	0	0.11300E-02	613959.7	4269347.0	0.0	0.00	29.60
1.00 NO							
498QB05Z	0	0.11300E-02	614023.3	4269347.0	0.0	0.00	29.60
1.00 NO							
498QB060	0	0.11300E-02	614086.9	4269347.0	0.0	0.00	29.60
1.00 NO							
498QB061	0	0.11300E-02	614150.5	4269347.0	0.0	0.00	29.60
1.00 NO							
498QB062	0	0.11300E-02	614214.1	4269347.0	0.0	0.00	29.60
1.00 NO							
498QB063	0	0.11300E-02	614277.7	4269347.0	0.0	0.00	29.60
1.00 NO							
498QB064	0	0.11300E-02	614341.3	4269347.0	0.0	0.00	29.60
1.00 NO							
498QB065	0	0.11300E-02	614404.9	4269347.0	0.0	0.00	29.60
1.00 NO							
498QB066	0	0.11300E-02	614468.5	4269347.0	0.0	0.00	29.60
1.00 NO							

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498QB067	0	0.11300E-02	614532.1	4269347.0	0.0	0.00	29.60
1.00 NO							
498QB068	0	0.11300E-02	613832.5	4269411.0	0.0	0.00	29.60
1.00 NO							
498QB069	0	0.11300E-02	613896.1	4269411.0	0.0	0.00	29.60
1.00 NO							
498QB06A	0	0.11300E-02	613959.7	4269411.0	0.0	0.00	29.60
1.00 NO							
498QB06B	0	0.11300E-02	614023.3	4269411.0	0.0	0.00	29.60
1.00 NO							
498QB06C	0	0.11300E-02	614086.9	4269411.0	0.0	0.00	29.60
1.00 NO							
498QB06D	0	0.11300E-02	614150.5	4269411.0	0.0	0.00	29.60
1.00 NO							
498QB06E	0	0.11300E-02	614214.1	4269411.0	0.0	0.00	29.60
1.00 NO							
498QB06F	0	0.11300E-02	614277.7	4269411.0	0.0	0.00	29.60
1.00 NO							
498QB06G	0	0.11300E-02	614341.3	4269411.0	0.0	0.00	29.60
1.00 NO							
498QB06H	0	0.11300E-02	614404.9	4269411.0	0.0	0.00	29.60
1.00 NO							
498QB06I	0	0.11300E-02	614468.5	4269411.0	0.0	0.00	29.60
1.00 NO							
498QB06J	0	0.11300E-02	614532.1	4269411.0	0.0	0.00	29.60
1.00 NO							
498QB06L	0	0.11300E-02	613896.1	4269475.0	0.0	0.00	29.60
1.00 NO							
498QB06M	0	0.11300E-02	613959.7	4269475.0	0.0	0.00	29.60
1.00 NO							
498QB06N	0	0.11300E-02	614023.3	4269475.0	0.0	0.00	29.60
1.00 NO							
498QB06O	0	0.11300E-02	614086.9	4269475.0	0.0	0.00	29.60
1.00 NO							
498QB06P	0	0.11300E-02	614150.5	4269475.0	0.0	0.00	29.60
1.00 NO							
498QB06Q	0	0.11300E-02	614214.1	4269475.0	0.0	0.00	29.60
1.00 NO							

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
 *** AERMET - VERSION 14134 *** 03/17/15
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 ELEV FLGPOL

*** VOLUME SOURCE DATA ***

INIT. URBAN	NUMBER EMISSION RATE	BASE	RELEASE	INIT.
SOURCE	EMISSION RATE	ELEV.	HEIGHT	SY
SZ SOURCE	PART. (GRAMS/SEC)	(METERS)	(METERS)	(METERS)
ID	SCALAR VARY			
(METERS)	CATS. BY			

498QB06R	0	0.11300E-02	614277.7	4269475.0	0.0	0.00	29.60
1.00 NO							
498QB06S	0	0.11300E-02	614341.3	4269475.0	0.0	0.00	29.60
1.00 NO							
498QB06T	0	0.11300E-02	614404.9	4269475.0	0.0	0.00	29.60

AERMOD-MRI C Aermod output file.txt

1.00	NO							
498QB06U		0	0.11300E-02	614468.5	4269475.0	0.0	0.00	29.60
1.00	NO							
498QB06V		0	0.11300E-02	614532.1	4269475.0	0.0	0.00	29.60
1.00	NO							
498QB06X		0	0.11300E-02	614150.5	4269538.0	0.0	0.00	29.60
1.00	NO							
498QB06Y		0	0.11300E-02	614214.1	4269538.0	0.0	0.00	29.60
1.00	NO							
498QB06Z		0	0.11300E-02	614277.7	4269538.0	0.0	0.00	29.60
1.00	NO							
498QB070		0	0.11300E-02	614341.3	4269538.0	0.0	0.00	29.60
1.00	NO							
498QB071		0	0.11300E-02	614404.9	4269538.0	0.0	0.00	29.60
1.00	NO							
498QB072		0	0.11300E-02	614468.5	4269538.0	0.0	0.00	29.60
1.00	NO							
498QB073		0	0.11300E-02	614532.1	4269538.0	0.0	0.00	29.60
1.00	NO							
498QB075		0	0.11300E-02	614404.9	4269602.0	0.0	0.00	29.60
1.00	NO							
498QB076		0	0.11300E-02	614468.5	4269602.0	0.0	0.00	29.60
1.00	NO							
498QB077		0	0.11300E-02	614532.1	4269602.0	0.0	0.00	29.60
1.00	NO							
498QB078		0	0.17000E-03	613832.5	4268139.0	0.0	5.00	29.60
1.00	NO							
498QB079		0	0.17000E-03	613896.1	4268139.0	0.0	5.00	29.60
1.00	NO							
498QB07A		0	0.17000E-03	613959.7	4268139.0	0.0	5.00	29.60
1.00	NO							
498QB07B		0	0.17000E-03	613832.5	4268203.0	0.0	5.00	29.60
1.00	NO							
498QB07C		0	0.17000E-03	613896.1	4268203.0	0.0	5.00	29.60
1.00	NO							
498QB07D		0	0.17000E-03	613959.7	4268203.0	0.0	5.00	29.60
1.00	NO							
498QB07E		0	0.17000E-03	614023.3	4268203.0	0.0	5.00	29.60
1.00	NO							
498QB07F		0	0.17000E-03	614086.9	4268203.0	0.0	5.00	29.60
1.00	NO							
498QB07G		0	0.17000E-03	614150.5	4268203.0	0.0	5.00	29.60
1.00	NO							
498QB07H		0	0.17000E-03	613832.5	4268266.0	0.0	5.00	29.60
1.00	NO							
498QB07I		0	0.17000E-03	613896.1	4268266.0	0.0	5.00	29.60
1.00	NO							
498QB07J		0	0.17000E-03	613959.7	4268266.0	0.0	5.00	29.60
1.00	NO							
498QB07K		0	0.17000E-03	614023.3	4268266.0	0.0	5.00	29.60
1.00	NO							
498QB07L		0	0.17000E-03	614086.9	4268266.0	0.0	5.00	29.60
1.00	NO							
498QB07M		0	0.17000E-03	614150.5	4268266.0	0.0	5.00	29.60
1.00	NO							
498QB07N		0	0.17000E-03	614214.1	4268266.0	0.0	5.00	29.60
1.00	NO							
498QB07O		0	0.17000E-03	614277.7	4268266.0	0.0	5.00	29.60
1.00	NO							
498QB07P		0	0.17000E-03	614341.3	4268266.0	0.0	5.00	29.60
1.00	NO							
498QB07Q		0	0.17000E-03	613832.5	4268330.0	0.0	5.00	29.60
1.00	NO							

AERMOD-MRIC Aermod output file.txt

498QB07R	0	0.17000E-03	613896.1	4268330.0	0.0	5.00	29.60
1.00 NO							
498QB07S	0	0.17000E-03	613959.7	4268330.0	0.0	5.00	29.60
1.00 NO							
498QB07T	0	0.17000E-03	614023.3	4268330.0	0.0	5.00	29.60
1.00 NO							
498QB07U	0	0.17000E-03	614086.9	4268330.0	0.0	5.00	29.60
1.00 NO							
498QB07V	0	0.17000E-03	614150.5	4268330.0	0.0	5.00	29.60
1.00 NO							
498QB07W	0	0.17000E-03	614214.1	4268330.0	0.0	5.00	29.60
1.00 NO							

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
 *** AERMET - VERSION 14134 *** 03/17/15

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 ELEV FLGPOL

*** VOLUME SOURCE DATA ***

INIT. SOURCE SZ	URBAN SOURCE ID (METERS)	NUMBER EMISSION PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)
498QB07X		0	0.17000E-03	614277.7	4268330.0	0.0	5.00	29.60
1.00 NO								
498QB07Y		0	0.17000E-03	614341.3	4268330.0	0.0	5.00	29.60
1.00 NO								
498QB07Z		0	0.17000E-03	614404.9	4268330.0	0.0	5.00	29.60
1.00 NO								
498QB080		0	0.17000E-03	614468.5	4268330.0	0.0	5.00	29.60
1.00 NO								
498QB081		0	0.17000E-03	614532.1	4268330.0	0.0	5.00	29.60
1.00 NO								
498QB082		0	0.17000E-03	613832.5	4268393.0	0.0	5.00	29.60
1.00 NO								
498QB083		0	0.17000E-03	613896.1	4268393.0	0.0	5.00	29.60
1.00 NO								
498QB084		0	0.17000E-03	613959.7	4268393.0	0.0	5.00	29.60
1.00 NO								
498QB085		0	0.17000E-03	614023.3	4268393.0	0.0	5.00	29.60
1.00 NO								
498QB086		0	0.17000E-03	614086.9	4268393.0	0.0	5.00	29.60
1.00 NO								
498QB087		0	0.17000E-03	614150.5	4268393.0	0.0	5.00	29.60
1.00 NO								
498QB088		0	0.17000E-03	614214.1	4268393.0	0.0	5.00	29.60
1.00 NO								
498QB089		0	0.17000E-03	614277.7	4268393.0	0.0	5.00	29.60
1.00 NO								
498QB08A		0	0.17000E-03	614341.3	4268393.0	0.0	5.00	29.60
1.00 NO								
498QB08B		0	0.17000E-03	614404.9	4268393.0	0.0	5.00	29.60
1.00 NO								
498QB08C		0	0.17000E-03	614468.5	4268393.0	0.0	5.00	29.60

AERMOD-MRIC Aermod output file.txt

SZ	SOURCE	SCALAR	VARY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								
498QB091		0	0. 17000E-03	614532. 1	4268521. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB092		0	0. 17000E-03	613832. 5	4268584. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB093		0	0. 17000E-03	613896. 1	4268584. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB094		0	0. 17000E-03	613959. 7	4268584. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB095		0	0. 17000E-03	614023. 3	4268584. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB096		0	0. 17000E-03	614086. 9	4268584. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB097		0	0. 17000E-03	614150. 5	4268584. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB098		0	0. 17000E-03	614214. 1	4268584. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB099		0	0. 17000E-03	614277. 7	4268584. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09A		0	0. 17000E-03	614341. 3	4268584. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09B		0	0. 17000E-03	614404. 9	4268584. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09C		0	0. 17000E-03	614468. 5	4268584. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09D		0	0. 17000E-03	614532. 1	4268584. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09E		0	0. 17000E-03	613832. 5	4268648. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09F		0	0. 17000E-03	613896. 1	4268648. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09G		0	0. 17000E-03	613959. 7	4268648. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09H		0	0. 17000E-03	614023. 3	4268648. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09I		0	0. 17000E-03	614086. 9	4268648. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09J		0	0. 17000E-03	614150. 5	4268648. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09K		0	0. 17000E-03	614214. 1	4268648. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09L		0	0. 17000E-03	614277. 7	4268648. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09M		0	0. 17000E-03	614341. 3	4268648. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09N		0	0. 17000E-03	614404. 9	4268648. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09O		0	0. 17000E-03	614468. 5	4268648. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09P		0	0. 17000E-03	614532. 1	4268648. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09Q		0	0. 17000E-03	613832. 5	4268711. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09R		0	0. 17000E-03	613896. 1	4268711. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09S		0	0. 17000E-03	613959. 7	4268711. 0	0. 0	5. 00	29. 60
1. 00	NO							
498QB09T		0	0. 17000E-03	614023. 3	4268711. 0	0. 0	5. 00	29. 60

AERMOD-MRIC Aermod output file.txt

1.00	NO								
498QB09U		0	0.17000E-03	614086.9	4268711.0	0.0	5.00	29.60	
1.00	NO								
498QB09V		0	0.17000E-03	614150.5	4268711.0	0.0	5.00	29.60	
1.00	NO								
498QB09W		0	0.17000E-03	614214.1	4268711.0	0.0	5.00	29.60	
1.00	NO								
498QB09X		0	0.17000E-03	614277.7	4268711.0	0.0	5.00	29.60	
1.00	NO								
498QB09Y		0	0.17000E-03	614341.3	4268711.0	0.0	5.00	29.60	
1.00	NO								
498QB09Z		0	0.17000E-03	614404.9	4268711.0	0.0	5.00	29.60	
1.00	NO								
498QB0A0		0	0.17000E-03	614468.5	4268711.0	0.0	5.00	29.60	
1.00	NO								
498QB0A1		0	0.17000E-03	614532.1	4268711.0	0.0	5.00	29.60	
1.00	NO								
498QB0A2		0	0.17000E-03	613832.5	4268775.0	0.0	5.00	29.60	
1.00	NO								
498QB0A3		0	0.17000E-03	613896.1	4268775.0	0.0	5.00	29.60	
1.00	NO								
498QB0A4		0	0.17000E-03	613959.7	4268775.0	0.0	5.00	29.60	

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
 *** AERMET - VERSION 14134 *** 03/17/15
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 ELEV FLGPOL

*** VOLUME SOURCE DATA ***

INIT. URBAN	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.
SZ SOURCE	EMISSION	RATE		X	Y	ELEV.	HEIGHT	SY
ID SOURCE	PART.	(GRAMS/SEC)		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR	VARY	BY					
	CATS.							
498QB0A5	0	0.17000E-03	614023.3	4268775.0	0.0	5.00	29.60	
1.00	NO							
498QB0A6	0	0.17000E-03	614086.9	4268775.0	0.0	5.00	29.60	
1.00	NO							
498QB0A7	0	0.17000E-03	614150.5	4268775.0	0.0	5.00	29.60	
1.00	NO							
498QB0A8	0	0.17000E-03	614214.1	4268775.0	0.0	5.00	29.60	
1.00	NO							
498QB0A9	0	0.17000E-03	614277.7	4268775.0	0.0	5.00	29.60	
1.00	NO							
498QB0AA	0	0.17000E-03	614341.3	4268775.0	0.0	5.00	29.60	
1.00	NO							
498QB0AB	0	0.17000E-03	614404.9	4268775.0	0.0	5.00	29.60	
1.00	NO							
498QB0AC	0	0.17000E-03	614468.5	4268775.0	0.0	5.00	29.60	
1.00	NO							
498QB0AD	0	0.17000E-03	614532.1	4268775.0	0.0	5.00	29.60	
1.00	NO							
498QB0AE	0	0.17000E-03	613832.5	4268839.0	0.0	5.00	29.60	
1.00	NO							

AERMOD-MRIC Aermod output file.txt

498QBOAF	0	0.17000E-03	613896.1	4268839.0	0.0	5.00	29.60
1.00 NO							
498QBOAG	0	0.17000E-03	613959.7	4268839.0	0.0	5.00	29.60
1.00 NO							
498QBOAH	0	0.17000E-03	614023.3	4268839.0	0.0	5.00	29.60
1.00 NO							
498QBOAI	0	0.17000E-03	614086.9	4268839.0	0.0	5.00	29.60
1.00 NO							
498QBOAJ	0	0.17000E-03	614150.5	4268839.0	0.0	5.00	29.60
1.00 NO							
498QBOAK	0	0.17000E-03	614214.1	4268839.0	0.0	5.00	29.60
1.00 NO							
498QBOAL	0	0.17000E-03	614277.7	4268839.0	0.0	5.00	29.60
1.00 NO							
498QBOAM	0	0.17000E-03	614341.3	4268839.0	0.0	5.00	29.60
1.00 NO							
498QBOAN	0	0.17000E-03	614404.9	4268839.0	0.0	5.00	29.60
1.00 NO							
498QBOAO	0	0.17000E-03	614468.5	4268839.0	0.0	5.00	29.60
1.00 NO							
498QBOAP	0	0.17000E-03	614532.1	4268839.0	0.0	5.00	29.60
1.00 NO							
498QBOAQ	0	0.17000E-03	613832.5	4268902.0	0.0	5.00	29.60
1.00 NO							
498QBOAR	0	0.17000E-03	613896.1	4268902.0	0.0	5.00	29.60
1.00 NO							
498QBOAS	0	0.17000E-03	613959.7	4268902.0	0.0	5.00	29.60
1.00 NO							
498QBOAT	0	0.17000E-03	614023.3	4268902.0	0.0	5.00	29.60
1.00 NO							
498QBOAU	0	0.17000E-03	614086.9	4268902.0	0.0	5.00	29.60
1.00 NO							
498QBOAV	0	0.17000E-03	614150.5	4268902.0	0.0	5.00	29.60
1.00 NO							
498QBOAW	0	0.17000E-03	614214.1	4268902.0	0.0	5.00	29.60
1.00 NO							
498QBOAX	0	0.17000E-03	614277.7	4268902.0	0.0	5.00	29.60
1.00 NO							
498QBOAY	0	0.17000E-03	614341.3	4268902.0	0.0	5.00	29.60
1.00 NO							
498QBOAZ	0	0.17000E-03	614404.9	4268902.0	0.0	5.00	29.60
1.00 NO							
498QBOB0	0	0.17000E-03	614468.5	4268902.0	0.0	5.00	29.60
1.00 NO							
498QBOB1	0	0.17000E-03	614532.1	4268902.0	0.0	5.00	29.60
1.00 NO							
498QBOB2	0	0.17000E-03	613832.5	4268966.0	0.0	5.00	29.60
1.00 NO							
498QBOB3	0	0.17000E-03	613896.1	4268966.0	0.0	5.00	29.60
1.00 NO							
498QBOB4	0	0.17000E-03	613959.7	4268966.0	0.0	5.00	29.60
1.00 NO							
498QBOB5	0	0.17000E-03	614023.3	4268966.0	0.0	5.00	29.60
1.00 NO							
498QBOB6	0	0.17000E-03	614086.9	4268966.0	0.0	5.00	29.60
1.00 NO							
498QBOB7	0	0.17000E-03	614150.5	4268966.0	0.0	5.00	29.60
1.00 NO							
498QBOB8	0	0.17000E-03	614214.1	4268966.0	0.0	5.00	29.60
1.00 NO							

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
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*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY						
498QBOB9		0	0.17000E-03		614277.7	4268966.0	0.0	5.00	29.60
1.00	NO								
498QBOBA		0	0.17000E-03		614341.3	4268966.0	0.0	5.00	29.60
1.00	NO								
498QBOBB		0	0.17000E-03		614404.9	4268966.0	0.0	5.00	29.60
1.00	NO								
498QBOBC		0	0.17000E-03		614468.5	4268966.0	0.0	5.00	29.60
1.00	NO								
498QBOBD		0	0.17000E-03		614532.1	4268966.0	0.0	5.00	29.60
1.00	NO								
498QBOBE		0	0.17000E-03		613832.5	4269029.0	0.0	5.00	29.60
1.00	NO								
498QBOBF		0	0.17000E-03		613896.1	4269029.0	0.0	5.00	29.60
1.00	NO								
498QBOBG		0	0.17000E-03		613959.7	4269029.0	0.0	5.00	29.60
1.00	NO								
498QBOBH		0	0.17000E-03		614023.3	4269029.0	0.0	5.00	29.60
1.00	NO								
498QBOBI		0	0.17000E-03		614086.9	4269029.0	0.0	5.00	29.60
1.00	NO								
498QBOBJ		0	0.17000E-03		614150.5	4269029.0	0.0	5.00	29.60
1.00	NO								
498QBOBK		0	0.17000E-03		614214.1	4269029.0	0.0	5.00	29.60
1.00	NO								
498QOBL		0	0.17000E-03		614277.7	4269029.0	0.0	5.00	29.60
1.00	NO								
498QOBLM		0	0.17000E-03		614341.3	4269029.0	0.0	5.00	29.60
1.00	NO								
498QOBLN		0	0.17000E-03		614404.9	4269029.0	0.0	5.00	29.60
1.00	NO								
498QOBL0		0	0.17000E-03		614468.5	4269029.0	0.0	5.00	29.60
1.00	NO								
498QOBLP		0	0.17000E-03		614532.1	4269029.0	0.0	5.00	29.60
1.00	NO								
498QOBLQ		0	0.17000E-03		613832.5	4269093.0	0.0	5.00	29.60
1.00	NO								
498QOBLR		0	0.17000E-03		613896.1	4269093.0	0.0	5.00	29.60
1.00	NO								
498QOBLs		0	0.17000E-03		613959.7	4269093.0	0.0	5.00	29.60
1.00	NO								
498QOBLT		0	0.17000E-03		614023.3	4269093.0	0.0	5.00	29.60
1.00	NO								
498QOBLU		0	0.17000E-03		614086.9	4269093.0	0.0	5.00	29.60
1.00	NO								
498QOBLV		0	0.17000E-03		614150.5	4269093.0	0.0	5.00	29.60
1.00	NO								

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498QBOBW	0	0.17000E-03	614214.1	4269093.0	0.0	5.00	29.60
1.00 NO							
498QBOBX	0	0.17000E-03	614277.7	4269093.0	0.0	5.00	29.60
1.00 NO							
498QBOBY	0	0.17000E-03	614341.3	4269093.0	0.0	5.00	29.60
1.00 NO							
498QBOBZ	0	0.17000E-03	614404.9	4269093.0	0.0	5.00	29.60
1.00 NO							
498QBOCO	0	0.17000E-03	614468.5	4269093.0	0.0	5.00	29.60
1.00 NO							
498QBOC1	0	0.17000E-03	614532.1	4269093.0	0.0	5.00	29.60
1.00 NO							
498QBOC2	0	0.17000E-03	613832.5	4269157.0	0.0	5.00	29.60
1.00 NO							
498QBOC3	0	0.17000E-03	613896.1	4269157.0	0.0	5.00	29.60
1.00 NO							
498QBOC4	0	0.17000E-03	613959.7	4269157.0	0.0	5.00	29.60
1.00 NO							
498QBOC5	0	0.17000E-03	614023.3	4269157.0	0.0	5.00	29.60
1.00 NO							
498QBOC6	0	0.17000E-03	614086.9	4269157.0	0.0	5.00	29.60
1.00 NO							
498QBOC7	0	0.17000E-03	614150.5	4269157.0	0.0	5.00	29.60
1.00 NO							
498QBOC8	0	0.17000E-03	614214.1	4269157.0	0.0	5.00	29.60
1.00 NO							
498QBOC9	0	0.17000E-03	614277.7	4269157.0	0.0	5.00	29.60
1.00 NO							
498QBOCA	0	0.17000E-03	614341.3	4269157.0	0.0	5.00	29.60
1.00 NO							
498QBOCB	0	0.17000E-03	614404.9	4269157.0	0.0	5.00	29.60
1.00 NO							
498QBOCC	0	0.17000E-03	614468.5	4269157.0	0.0	5.00	29.60
1.00 NO							

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**MODELOPTs: RegDFAULT CONC FLGPOL

*** VOLUME SOURCE DATA ***

INIT. SOURCE ID (METERS)	URBAN SOURCE	NUMBER EMISSION RATE PART. SCALAR VARY CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)
--------------------------	--------------	--	---------------------------	------------	------------	---------------------	-------------------------	-------------------

498QBOCD	0	0.17000E-03	614532.1	4269157.0	0.0	5.00	29.60
1.00 NO							
498QBOCE	0	0.17000E-03	613832.5	4269220.0	0.0	5.00	29.60
1.00 NO							
498QBOCF	0	0.17000E-03	613896.1	4269220.0	0.0	5.00	29.60
1.00 NO							
498QBOCG	0	0.17000E-03	613959.7	4269220.0	0.0	5.00	29.60
1.00 NO							
498QBOCH	0	0.17000E-03	614023.3	4269220.0	0.0	5.00	29.60

AERMOD-MRIC Aermod output file.txt

1.00	NO							
498QBOCI		0	0.17000E-03	614086.9	4269220.0	0.0	5.00	29.60
1.00	NO							
498QBOCJ		0	0.17000E-03	614150.5	4269220.0	0.0	5.00	29.60
1.00	NO							
498QBOCK		0	0.17000E-03	614214.1	4269220.0	0.0	5.00	29.60
1.00	NO							
498QBOCL		0	0.17000E-03	614277.7	4269220.0	0.0	5.00	29.60
1.00	NO							
498QBOCM		0	0.17000E-03	614341.3	4269220.0	0.0	5.00	29.60
1.00	NO							
498QBOCN		0	0.17000E-03	614404.9	4269220.0	0.0	5.00	29.60
1.00	NO							
498QBOCO		0	0.17000E-03	614468.5	4269220.0	0.0	5.00	29.60
1.00	NO							
498QBOCP		0	0.17000E-03	614532.1	4269220.0	0.0	5.00	29.60
1.00	NO							
498QBOCQ		0	0.17000E-03	613832.5	4269284.0	0.0	5.00	29.60
1.00	NO							
498QBOCR		0	0.17000E-03	613896.1	4269284.0	0.0	5.00	29.60
1.00	NO							
498QBOCS		0	0.17000E-03	613959.7	4269284.0	0.0	5.00	29.60
1.00	NO							
498QBOCT		0	0.17000E-03	614023.3	4269284.0	0.0	5.00	29.60
1.00	NO							
498QBOCU		0	0.17000E-03	614086.9	4269284.0	0.0	5.00	29.60
1.00	NO							
498QBOCV		0	0.17000E-03	614150.5	4269284.0	0.0	5.00	29.60
1.00	NO							
498QBOCW		0	0.17000E-03	614214.1	4269284.0	0.0	5.00	29.60
1.00	NO							
498QBOCX		0	0.17000E-03	614277.7	4269284.0	0.0	5.00	29.60
1.00	NO							
498QBOCY		0	0.17000E-03	614341.3	4269284.0	0.0	5.00	29.60
1.00	NO							
498QBOCZ		0	0.17000E-03	614404.9	4269284.0	0.0	5.00	29.60
1.00	NO							
498QBOD0		0	0.17000E-03	614468.5	4269284.0	0.0	5.00	29.60
1.00	NO							
498QBOD1		0	0.17000E-03	614532.1	4269284.0	0.0	5.00	29.60
1.00	NO							
498QBOD2		0	0.17000E-03	613832.5	4269347.0	0.0	5.00	29.60
1.00	NO							
498QBOD3		0	0.17000E-03	613896.1	4269347.0	0.0	5.00	29.60
1.00	NO							
498QBOD4		0	0.17000E-03	613959.7	4269347.0	0.0	5.00	29.60
1.00	NO							
498QBOD5		0	0.17000E-03	614023.3	4269347.0	0.0	5.00	29.60
1.00	NO							
498QBOD6		0	0.17000E-03	614086.9	4269347.0	0.0	5.00	29.60
1.00	NO							
498QBOD7		0	0.17000E-03	614150.5	4269347.0	0.0	5.00	29.60
1.00	NO							
498QBOD8		0	0.17000E-03	614214.1	4269347.0	0.0	5.00	29.60
1.00	NO							
498QBOD9		0	0.17000E-03	614277.7	4269347.0	0.0	5.00	29.60
1.00	NO							
498QBODA		0	0.17000E-03	614341.3	4269347.0	0.0	5.00	29.60
1.00	NO							
498QBODB		0	0.17000E-03	614404.9	4269347.0	0.0	5.00	29.60
1.00	NO							
498QBODC		0	0.17000E-03	614468.5	4269347.0	0.0	5.00	29.60
1.00	NO							

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498QBODD	0	0.17000E-03	614532.1	4269347.0	0.0	5.00	29.60
1.00 NO							
498QBODE	0	0.17000E-03	613832.5	4269411.0	0.0	5.00	29.60
1.00 NO							
498QBODF	0	0.17000E-03	613896.1	4269411.0	0.0	5.00	29.60
1.00 NO							
498QBODG	0	0.17000E-03	613959.7	4269411.0	0.0	5.00	29.60
1.00 NO							

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
 *** AERMET - VERSION 14134 *** 03/17/15
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**MODELOPTs: RegDFAULT CONC FLGPOL

*** VOLUME SOURCE DATA ***

INIT. URBAN	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.
SOURCE	EMISSION	RATE		X	Y	ELEV.	HEIGHT	SY
SZ SOURCE	PART.	(GRAMS/SEC)		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	SCALAR	VARY						
(METERS)	CATS.	BY						

498QBODH	0	0.17000E-03	614023.3	4269411.0	0.0	5.00	29.60
1.00 NO							
498QBODI	0	0.17000E-03	614086.9	4269411.0	0.0	5.00	29.60
1.00 NO							
498QBODJ	0	0.17000E-03	614150.5	4269411.0	0.0	5.00	29.60
1.00 NO							
498QBODK	0	0.17000E-03	614214.1	4269411.0	0.0	5.00	29.60
1.00 NO							
498QBODL	0	0.17000E-03	614277.7	4269411.0	0.0	5.00	29.60
1.00 NO							
498QBODM	0	0.17000E-03	614341.3	4269411.0	0.0	5.00	29.60
1.00 NO							
498QBODN	0	0.17000E-03	614404.9	4269411.0	0.0	5.00	29.60
1.00 NO							
498QBODO	0	0.17000E-03	614468.5	4269411.0	0.0	5.00	29.60
1.00 NO							
498QBODP	0	0.17000E-03	614532.1	4269411.0	0.0	5.00	29.60
1.00 NO							
498QBODQ	0	0.17000E-03	613896.1	4269475.0	0.0	5.00	29.60
1.00 NO							
498QBODR	0	0.17000E-03	613959.7	4269475.0	0.0	5.00	29.60
1.00 NO							
498QBODS	0	0.17000E-03	614023.3	4269475.0	0.0	5.00	29.60
1.00 NO							
498QBODT	0	0.17000E-03	614086.9	4269475.0	0.0	5.00	29.60
1.00 NO							
498QBODU	0	0.17000E-03	614150.5	4269475.0	0.0	5.00	29.60
1.00 NO							
498QBODV	0	0.17000E-03	614214.1	4269475.0	0.0	5.00	29.60
1.00 NO							
498QBODW	0	0.17000E-03	614277.7	4269475.0	0.0	5.00	29.60
1.00 NO							
498QBODX	0	0.17000E-03	614341.3	4269475.0	0.0	5.00	29.60
1.00 NO							
498QBODY	0	0.17000E-03	614404.9	4269475.0	0.0	5.00	29.60

AERMOD-MRIC Aermod output file.txt

1.00	NO							
498QB0DZ		0	0.17000E-03	614468.5	4269475.0	0.0	5.00	29.60
1.00	NO							
498QB0E0		0	0.17000E-03	614532.1	4269475.0	0.0	5.00	29.60
1.00	NO							
498QB0E1		0	0.17000E-03	614150.5	4269538.0	0.0	5.00	29.60
1.00	NO							
498QB0E2		0	0.17000E-03	614214.1	4269538.0	0.0	5.00	29.60
1.00	NO							
498QB0E3		0	0.17000E-03	614277.7	4269538.0	0.0	5.00	29.60
1.00	NO							
498QB0E4		0	0.17000E-03	614341.3	4269538.0	0.0	5.00	29.60
1.00	NO							
498QB0E5		0	0.17000E-03	614404.9	4269538.0	0.0	5.00	29.60
1.00	NO							
498QB0E6		0	0.17000E-03	614468.5	4269538.0	0.0	5.00	29.60
1.00	NO							
498QB0E7		0	0.17000E-03	614532.1	4269538.0	0.0	5.00	29.60
1.00	NO							
498QB0E8		0	0.17000E-03	614404.9	4269602.0	0.0	5.00	29.60
1.00	NO							
498QB0E9		0	0.17000E-03	614468.5	4269602.0	0.0	5.00	29.60
1.00	NO							
498QB0EA		0	0.17000E-03	614532.1	4269602.0	0.0	5.00	29.60

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 *** AERMET - VERSION 14134 *** 03/17/15
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**MODELOPTs: RegDFAULT CONC FLGPOL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL	498QB002	,	498QB003	,	498QB004	,	498QB005	,	498QB006	,
498QB007	, 498QB008	,	, 498QB009	,						
498QB00F	, 498QB00A	,	498QB00B	,	498QB00C	,	498QB00D	,	498QB00E	,
	, 498QB00G	,	, 498QB00H	,						
498QB00N	, 498QB00I	,	498QB00J	,	498QB00K	,	498QB00L	,	498QB00M	,
	, 498QB000	,	, 498QB00P	,						
498QB00V	, 498QB00Q	,	498QB00R	,	498QB00S	,	498QB00T	,	498QB00U	,
	, 498QB00W	,	, 498QB00X	,						
498QB013	, 498QB00Y	,	498QB00Z	,	498QB010	,	498QB011	,	498QB012	,
	, 498QB014	,	, 498QB015	,						
498QB01B	, 498QB016	,	498QB017	,	498QB018	,	498QB019	,	498QB01A	,
	, 498QB01C	,	, 498QB01D	,						
498QB01J	, 498QB01E	,	498QB01F	,	498QB01G	,	498QB01H	,	498QB01I	,
	, 498QB01K	,	, 498QB01L	,						
498QB01R	, 498QB01M	,	498QB01N	,	498QB01O	,	498QB01P	,	498QB01Q	,
	, 498QB01S	,	, 498QB01T	,						

AERMOD-MRIC Aermod output file.txt

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498QB01Z  , 498QB01U , 498QB01V , 498QB01W , 498QB01X , 498QB01Y ,
           , 498QB020 , 498QB021 ,
498QB027  , 498QB022 , 498QB023 , 498QB024 , 498QB025 , 498QB026 ,
           , 498QB028 , 498QB029 ,
498QB02F  , 498QB02A , 498QB02B , 498QB02C , 498QB02D , 498QB02E ,
           , 498QB02G , 498QB02H ,
498QB02N  , 498QB02I , 498QB02J , 498QB02K , 498QB02L , 498QB02M ,
           , 498QB020 , 498QB02P ,
498QB02V  , 498QB02Q , 498QB02R , 498QB02S , 498QB02T , 498QB02U ,
           , 498QB02W , 498QB02X ,
498QB033  , 498QB02Y , 498QB02Z , 498QB030 , 498QB031 , 498QB032 ,
           , 498QB034 , 498QB035 ,
498QB03B  , 498QB036 , 498QB037 , 498QB038 , 498QB039 , 498QB03A ,
           , 498QB03C , 498QB03D ,
498QB03J  , 498QB03E , 498QB03F , 498QB03G , 498QB03H , 498QB03I ,
           , 498QB03K , 498QB03L ,
498QB03R  , 498QB03M , 498QB03N , 498QB03O , 498QB03P , 498QB03Q ,
           , 498QB03S , 498QB03T ,
498QB03Z  , 498QB03U , 498QB03V , 498QB03W , 498QB03X , 498QB03Y ,
           , 498QB040 , 498QB041 ,
498QB047  , 498QB042 , 498QB043 , 498QB044 , 498QB045 , 498QB046 ,
           , 498QB048 , 498QB049 ,
498QB04F  , 498QB04A , 498QB04B , 498QB04C , 498QB04D , 498QB04E ,
           , 498QB04G , 498QB04H ,

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♀ *** AERMOD - VERSION 14134 *** MRIC Construction DPM
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*** AERMET - VERSION 14134 ***
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**MODELOPTs: RegDEFAULT CONC ELEV FLGPOL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

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498QB04N  , 498QB04I , 498QB04J , 498QB04K , 498QB04L , 498QB04M ,
           , 498QB040 , 498QB04P ,
498QB04V  , 498QB04Q , 498QB04R , 498QB04S , 498QB04T , 498QB04U ,
           , 498QB04W , 498QB04X ,
498QB053  , 498QB04Y , 498QB04Z , 498QB050 , 498QB051 , 498QB052 ,
           , 498QB054 , 498QB055 ,
498QB05B  , 498QB056 , 498QB057 , 498QB058 , 498QB059 , 498QB05A ,
           , 498QB05C , 498QB05D ,

```

AERMOD-MRI C Aermod output file.txt

498QB05J , 498QB05E , 498QB05F , 498QB05G , 498QB05H , 498QB05I ,
 , 498QB05K , 498QB05L , ,

498QB05R , 498QB05M , 498QB05N , 498QB05O , 498QB05P , 498QB05Q ,
 , 498QB05S , 498QB05T , ,

498QB05Z , 498QB05U , 498QB05V , 498QB05W , 498QB05X , 498QB05Y ,
 , 498QB060 , 498QB061 , ,

498QB067 , 498QB062 , 498QB063 , 498QB064 , 498QB065 , 498QB066 ,
 , 498QB068 , 498QB069 , ,

498QB06F , 498QB06A , 498QB06B , 498QB06C , 498QB06D , 498QB06E ,
 , 498QB06G , 498QB06H , ,

498QB060 , 498QB06I , 498QB06J , 498QB06L , 498QB06M , 498QB06N ,
 , 498QB06P , 498QB06Q , ,

498QB06X , 498QB06R , 498QB06S , 498QB06T , 498QB06U , 498QB06V ,
 , 498QB06Y , 498QB06Z , ,

498QB076 , 498QB070 , 498QB071 , 498QB072 , 498QB073 , 498QB075 ,
 , 498QB077 , 498QB078 , ,

498QB07E , 498QB079 , 498QB07A , 498QB07B , 498QB07C , 498QB07D ,
 , 498QB07F , 498QB07G , ,

498QB07M , 498QB07H , 498QB07I , 498QB07J , 498QB07K , 498QB07L ,
 , 498QB07N , 498QB07O , ,

498QB07U , 498QB07P , 498QB07Q , 498QB07R , 498QB07S , 498QB07T ,
 , 498QB07V , 498QB07W , ,

498QB082 , 498QB07X , 498QB07Y , 498QB07Z , 498QB080 , 498QB081 ,
 , 498QB083 , 498QB084 , ,

498QB08A , 498QB085 , 498QB086 , 498QB087 , 498QB088 , 498QB089 ,
 , 498QB08B , 498QB08C , ,

498QB08I , 498QB08D , 498QB08E , 498QB08F , 498QB08G , 498QB08H ,
 , 498QB08J , 498QB08K , ,

498QB08Q , 498QB08L , 498QB08M , 498QB08N , 498QB08O , 498QB08P ,
 , 498QB08R , 498QB08S , ,

498QB08Y , 498QB08T , 498QB08U , 498QB08V , 498QB08W , 498QB08X ,
 , 498QB08Z , 498QB090 , ,

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
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 *** AERMET - VERSION 14134 *** ***
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs

498QB091 , 498QB092 , 498QB093 , 498QB094 , 498QB095 ,

```

AERMOD-MRI C Aermod output file.txt
498QB096 , 498QB097 , 498QB098 ,
498QB09E , 498QB099 , 498QB09A , 498QB09B , 498QB09C , 498QB09D ,
, 498QB09F , 498QB09G ,
498QB09M , 498QB09H , 498QB09I , 498QB09J , 498QB09K , 498QB09L ,
, 498QB09N , 498QB09O ,
498QB09U , 498QB09P , 498QB09Q , 498QB09R , 498QB09S , 498QB09T ,
, 498QB09V , 498QB09W ,
498QB0A2 , 498QB09X , 498QB09Y , 498QB09Z , 498QB0A0 , 498QB0A1 ,
, 498QB0A3 , 498QB0A4 ,
498QB0AA , 498QB0A5 , 498QB0A6 , 498QB0A7 , 498QB0A8 , 498QB0A9 ,
, 498QB0AB , 498QB0AC ,
498QB0AI , 498QB0AD , 498QB0AE , 498QB0AF , 498QB0AG , 498QB0AH ,
, 498QB0AJ , 498QB0AK ,
498QB0AQ , 498QB0AL , 498QB0AM , 498QB0AN , 498QB0AO , 498QB0AP ,
, 498QB0AR , 498QB0AS ,
498QB0AY , 498QB0AT , 498QB0AU , 498QB0AV , 498QB0AW , 498QB0AX ,
, 498QB0AZ , 498QB0B0 ,
498QB0B6 , 498QB0B1 , 498QB0B2 , 498QB0B3 , 498QB0B4 , 498QB0B5 ,
, 498QB0B7 , 498QB0B8 ,
498QB0BE , 498QB0B9 , 498QB0BA , 498QB0BB , 498QB0BC , 498QB0BD ,
, 498QB0BF , 498QB0BG ,
498QB0BM , 498QB0BH , 498QB0BI , 498QB0BJ , 498QB0BK , 498QB0BL ,
, 498QB0BN , 498QB0B0 ,
498QB0BU , 498QB0BP , 498QB0BQ , 498QB0BR , 498QB0BS , 498QB0BT ,
, 498QB0BV , 498QB0BW ,
498QB0C2 , 498QB0BX , 498QB0BY , 498QB0BZ , 498QB0C0 , 498QB0C1 ,
, 498QB0C3 , 498QB0C4 ,
498QB0CA , 498QB0C5 , 498QB0C6 , 498QB0C7 , 498QB0C8 , 498QB0C9 ,
, 498QB0CB , 498QB0CC ,
498QB0CI , 498QB0CD , 498QB0CE , 498QB0CF , 498QB0CG , 498QB0CH ,
, 498QB0CJ , 498QB0CK ,
498QB0CQ , 498QB0CL , 498QB0CM , 498QB0CN , 498QB0C0 , 498QB0CP ,
, 498QB0CR , 498QB0CS ,
498QB0CY , 498QB0CT , 498QB0CU , 498QB0CV , 498QB0CW , 498QB0CX ,
, 498QB0CZ , 498QB0D0 ,
498QB0D6 , 498QB0D1 , 498QB0D2 , 498QB0D3 , 498QB0D4 , 498QB0D5 ,
, 498QB0D7 , 498QB0D8 ,
498QB0DE , 498QB0D9 , 498QB0DA , 498QB0DB , 498QB0DC , 498QB0DD ,
, 498QB0DF , 498QB0DG ,
♀ *** AERMOD - VERSI ON 14134 *** *** MRIC Construction DPM
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AERMOD-MRIC Aermod output file.txt

1. 54, 3. 09, 5. 14, 8. 23,

10. 80,

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
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**MODELOPTs: RegDEFAULT CONC

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: I:\Projects\Active\Davis\Innovation Parks\Reference Materials
applicable to both Met Version: 14134
Profile file: I:\Projects\Active\Davis\Innovation Parks\Reference Materials
applicable to both
Surface format: FREE

Profile format: FREE

Surface station no.: 93225 Upper air station no.: 23230
Name: SACINT'L Name: UNKNOWN
Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	HO	U*	W*	DT/DZ	ZI	CNV	ZIMCH	M-0	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT								
10	01	01	1	01	-11.2	0.101	-9.000	-9.000	-999.	78.	8.6	0.04	0.69		
1.00	2.86	121.	10.1	282.0	2.0										
10	01	01	1	02	-35.3	0.309	-9.000	-9.000	-999.	412.	76.4	0.04	0.69		
1.00	4.86	128.	10.1	282.5	2.0										
10	01	01	1	03	-13.4	0.117	-9.000	-9.000	-999.	137.	11.0	0.06	0.69		
1.00	2.86	154.	10.1	283.1	2.0										
10	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.05	0.69		
1.00	0.00	0.	10.1	282.5	2.0										
10	01	01	1	05	-4.0	0.072	-9.000	-9.000	-999.	46.	8.4	0.07	0.69		
1.00	1.76	203.	10.1	282.5	2.0										
10	01	01	1	06	-12.3	0.180	-9.000	-9.000	-999.	184.	43.7	0.06	0.69		
1.00	2.86	172.	10.1	282.5	2.0										
10	01	01	1	07	-18.8	0.328	-9.000	-9.000	-999.	451.	171.8	0.04	0.69		
1.00	4.86	145.	10.1	282.0	2.0										
10	01	01	1	08	-18.4	0.271	-9.000	-9.000	-999.	340.	98.8	0.06	0.69		
1.00	3.86	163.	10.1	283.1	2.0										
10	01	01	1	09	1.7	0.275	0.091	0.005	16.	347.	-1106.6	0.07	0.69		
0.41	3.36	187.	10.1	283.8	2.0										
10	01	01	1	10	18.3	0.346	0.376	0.005	106.	489.	-207.9	0.06	0.69		
0.28	4.36	151.	10.1	284.2	2.0										
10	01	01	1	11	32.1	0.280	0.546	0.005	185.	358.	-62.7	0.06	0.69		
0.24	3.36	174.	10.1	284.9	2.0										
10	01	01	1	12	17.3	0.237	0.468	0.006	216.	277.	-70.3	0.06	0.69		
0.22	2.86	176.	10.1	284.9	2.0										
10	01	01	1	13	17.9	0.253	0.491	0.005	242.	306.	-82.9	0.04	0.69		
0.22	3.36	143.	10.1	284.9	2.0										
10	01	01	1	14	72.4	0.444	0.876	0.005	339.	710.	-110.3	0.04	0.69		
0.23	5.96	149.	10.1	285.9	2.0										
10	01	01	1	15	9.0	0.350	0.445	0.005	356.	503.	-434.5	0.04	0.69		
0.26	4.86	132.	10.1	285.9	2.0										
10	01	01	1	16	6.8	0.314	0.410	0.005	368.	424.	-414.6	0.04	0.69		
0.35	4.36	144.	10.1	285.9	2.0										

AERMOD-MRIC Aermod output file.txt

```

10 01 01 1 17 1.6 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.05 0.69
0.61 0.00 0. 10.1 285.9 2.0
10 01 01 1 18 -3.6 0.068 -9.000 -9.000 -999. 42. 7.8 0.06 0.69
1.00 1.76 177. 10.1 285.4 2.0
10 01 01 1 19 -3.7 0.068 -9.000 -9.000 -999. 42. 7.8 0.06 0.69
1.00 1.76 154. 10.1 284.9 2.0
10 01 01 1 20 -8.5 0.150 -9.000 -9.000 -999. 139. 36.1 0.07 0.69
1.00 2.36 207. 10.1 284.9 2.0
10 01 01 1 21 -10.7 0.188 -9.000 -9.000 -999. 196. 57.2 0.06 0.69
1.00 2.86 170. 10.1 284.9 2.0
10 01 01 1 22 -7.8 0.138 -9.000 -9.000 -999. 124. 30.7 0.06 0.69
1.00 2.36 172. 10.1 284.2 2.0
10 01 01 1 23 -14.9 0.150 -9.000 -9.000 -999. 140. 20.7 0.06 0.69
1.00 2.86 160. 10.1 284.2 2.0
10 01 01 1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.05 0.69
1.00 0.00 0. 10.1 279.9 2.0

```

First hour of profile data

```

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
10 01 01 01 10.1 1 121. 2.86 282.1 99.0 -99.00 -99.00

```

F indicates top of profile (=1) or below (=0)

```

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```

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**MODELOPTs: RegDFault CONC ELEV FLGPOL

```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1
YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 498QB002 , 498QB003
, 498QB004 , 498QB005 , 498QB006 ,
, 498QB007 , 498QB008 , 498QB009 , 498QB00A , 498QB00B
, 498QB00C , 498QB00D , 498QB00E ,
, 498QB00F , 498QB00G , 498QB00H , 498QB00I , 498QB00J
, 498QB00K , 498QB00L , 498QB00M ,
, 498QB00N , 498QB00O , 498QB00P , 498QB00Q , 498QB00R
, 498QB00S , 498QB00T , . . . ,

```

*** SENSITIVE DISCRETE RECEPTOR POINTS

** CONC OF PM10 IN MICROGRAMS/M**3

**

```

X-COORD (M) Y-COORD (M) CONC X-COORD (M)
Y-COORD (M) CONC
-----
613319.00 4269064.90 0.66775 613589.00
4268735.70 1.21483
613586.00 4268776.20 1.23519 613566.50
4268573.80 0.98355
613563.50 4268516.80 0.91972

```

```

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
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AERMOD-MRIC Aermod output file.txt

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**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

VALUES FOR SOURCE GROUP: ALL *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
 INCLUDING SOURCE(S): 498QB002 , 498QB003
 , 498QB004 , 498QB005 , 498QB006 ,
 , 498QB007 , 498QB008 , 498QB009 , 498QB00A , 498QB00B
 , 498QB00C , 498QB00D , 498QB00E ,
 , 498QB00F , 498QB00G , 498QB00H , 498QB00I , 498QB00J
 , 498QB00K , 498QB00L , 498QB00M ,
 , 498QB00N , 498QB00O , 498QB00P , 498QB00Q , 498QB00R
 , 498QB00S , 498QB00T , . . . ,

*** SENSITIVE DISCRETE RECEPTOR POINTS

** CONC OF PM10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YMMDDHH)	(YMMDDHH)	X-COORD (M)
613319.00	4269064.90	4.95851b	(14011324)	613589.00
4268735.70	7.12004b (14011324)			
613586.00	4268776.20	7.01769b	(14011324)	613566.50
4268573.80	7.03707b (14011324)			
613563.50	4268516.80	7.06101b	(14011324)	

♀ *** AERMOD - VERSION 14134 *** MRIC Construction DPM
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**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

VALUES FOR SOURCE GROUP: ALL *** THE MAXIMUM 1 24-HR AVERAGE CONCENTRATION
 INCLUDING SOURCE(S): 498QB002 , 498QB003
 , 498QB004 , 498QB005 , 498QB006 ,
 , 498QB007 , 498QB008 , 498QB009 , 498QB00A , 498QB00B
 , 498QB00C , 498QB00D , 498QB00E ,
 , 498QB00F , 498QB00G , 498QB00H , 498QB00I , 498QB00J
 , 498QB00K , 498QB00L , 498QB00M ,
 , 498QB00N , 498QB00O , 498QB00P , 498QB00Q , 498QB00R
 , 498QB00S , 498QB00T , . . . ,

** CONC OF PM10 IN MICROGRAMS/M**3

**

RANK (YMMDDHH) AT	CONC (YMMDDHH) AT	(YMMDDHH) AT RECEPTOR (XR, YR) OF TYPE	RECEPTOR (XR, YR) OF TYPE	RANK	CONC
1.	7.12004b(14011324)	AT (613589.00, 4268735.70)	SR		

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

♀ *** AERMOD - VERSION 14134 *** MRIC Construction DPM
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*** AERMET - VERSION 14134 ***
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**MODELOPTs: RegDEFAULT CONC
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*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER 1 YEARS ***

** CONC OF PM10 IN MICROGRAMS/M**3
**

GROUP ID ZHILL, ZFLAG)	NETWORK OF TYPE GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ALL	1ST HIGHEST VALUE IS	1.23519 AT (	613586.00, 4268776.20, 0.00,
0.00,	1.80) SR		
	2ND HIGHEST VALUE IS	1.21483 AT (	613589.00, 4268735.70, 0.00,
0.00,	1.80) SR		
	3RD HIGHEST VALUE IS	0.98355 AT (	613566.50, 4268573.80, 0.00,
0.00,	1.80) SR		
	4TH HIGHEST VALUE IS	0.91972 AT (	613563.50, 4268516.80, 0.00,
0.00,	1.80) SR		
	5TH HIGHEST VALUE IS	0.66775 AT (	613319.00, 4269064.90, 0.00,
0.00,	1.80) SR		
	6TH HIGHEST VALUE IS	0.00000 AT (	0.00, 0.00, 0.00,
0.00,	0.00)		
	7TH HIGHEST VALUE IS	0.00000 AT (	0.00, 0.00, 0.00,
0.00,	0.00)		
	8TH HIGHEST VALUE IS	0.00000 AT (	0.00, 0.00, 0.00,
0.00,	0.00)		
	9TH HIGHEST VALUE IS	0.00000 AT (	0.00, 0.00, 0.00,
0.00,	0.00)		
	10TH HIGHEST VALUE IS	0.00000 AT (	0.00, 0.00, 0.00,
0.00,	0.00)		

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

♀ *** AERMOD - VERSION 14134 ***
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*** MRIC Construction DPM

*** AERMET - VERSION 14134 ***
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*** THE SUMMARY OF HIGHEST 24-HR
RESULTS ***

** CONC OF PM10 IN MICROGRAMS/M**3
**

DATE

AERMOD-MRIC Aermod output file.txt

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	(YYMMDDHH)	RECEPTOR
---	-------------------------	--------------------	------------	----------

ALL HIGH 1ST HIGH VALUE IS 7.12004b ON 14011324: AT (613589.00,
4268735.70, 0.00, 0.00, 1.80) SR

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

♀ *** AERMOD - VERSION 14134 *** *** MRIC Construction DPM
*** AERMET - VERSION 14134 *** ***
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**MODELOPTs: RegDEFAULT CONC PAGE 26
ELEV FLGPOL

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 9526 Informational Message(s)
A Total of 8760 Hours Were Processed
A Total of 1564 Calm Hours Identified
A Total of 403 Missing Hours Identified (4.60 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
*** NONE ***

*** AERMOD Finishes Successfully ***
