

Appendix B

Air Quality Data



APPENDIX B

Air Quality

Criteria Pollutant Emissions. CalEEMod (version 2013.2.2) was used to calculate construction and operational criteria pollutant emissions. In addition, the CALINE-4 model was used to estimate carbon monoxide concentrations at the most congested intersections. The following sub-sections are included in this Appendix below:

1. CalEEMod Construction Assumptions
2. CalEEMod Model Construction Results – Annual, Summer, Winter, Mitigation Report
 - Area A (Years 2017-2022)
 - Area A (Years 2022-2024)
 - Programmatic Phase (Years 2024-2032)
 - Programmatic Phase (Years 2032-2042)
3. CalEEMod Buildout Operational Assumptions – Land Uses/Energy, Transportation Adjusted Trip Rates and Lengths to Match Traffic Study
4. CalEEMod Model Buildout Operational Results – Annual, Summer, Winter
5. CalEEMod Area A Buildout Operational Assumptions – Land Uses/Energy, Transportation Adjusted Trip Rates and Lengths to Match Traffic Study
6. CalEEMod Model Area A Buildout Operational Results – Annual, Summer, Winter
7. CALINE-4 Output

Toxic Air Contaminants. The diesel truck proportion of the 24,450 total average daily traffic (ADT) for Cumulative plus Project scenario provided by Fehr and Peers for SR 65 (Wise Rd to Nelson Ln) was determined and categorized based on the Caltrans 2013 annual ADT for SR 65 in Roseville, with emissions for the roadway segment based on EMFAC2014 emission factors. CARB meteorological data for the Roseville station and a sensitive receptor grid was incorporated into the ISCST3 dispersion model to estimate maximum downwind concentrations at various distances from SR 65. These concentrations were used in conjunction with new age sensitivity factors and daily breathing rates recommended by OEHHA (2012) to determine health risk. The following sub-sections are included in this Appendix below:

8. SR 65 On-Road Emission Calculations
9. 1-Gram Per Second Emission Rate Annual Concentration Plot
10. SR 65 Health Risk Calculations

1. CalEEMod Construction Assumptions

Village 5 - Area A Construction

Area A: 2017-2022

<u>Construction Schedule</u>	<u>Total Days</u>	<u>Model Default</u>	
Site Preparation	42	360	3.2%
Grading	108	930	8.3%
Building Construction/Architectural Coatings	1083	9300	82.7%
Paving	77	660	5.9%
Actual Total	1310 Total	11250	
		Acres	
<u>Land Uses 2017-2022</u>	1,372 dus		470.8
	115 ksf retail		8.9
	110.1 ac park		110.1
	217 student elem school		12
	Total		601.8

Area A: 2022-2024

<u>Construction Schedule</u>	<u>Total Days</u>	<u>Model Default</u>	
Site Preparation	17	120	3.2%
Grading	43	310	8.3%
Building Construction/Architectural Coatings	433	3100	82.7%
Paving	31	220	5.9%
Actual Total	524 Total	3750	
		Acres	
Land Uses 2022-2024	979 ksf retail		102.1
	40.6 ksf office park		0.98
	Total		103.08

Phase 4A: 2024-2032

<u>Construction Schedule</u>	<u>Total Days</u>	<u>Model Default</u>		
Site Preparation	67	6000	3.2%	
Grading	173	15500	8.3%	
Building Construction/Architectural Coatings	1733	155000	82.7%	
Paving	123	11000	5.9%	
Actual Total	2096 Total	187500		
		Acres		Parking Lot
<u>Land Uses 2024-2032</u>	5,337 single family dus		1951.791	34.685
	1,497 apartment dus		69.45	
	1018.08 ksf general office		95.94	71.955
	395.8 ksf office park		42.8	32.1
	54.1 ac park		54.1	
	1733 student elem school		23.9	
	600 student jr high		10	
	1000 student high school		24.35	
	Total		2272.331	

Phase 4B: 2032-2042

<u>Construction Schedule</u>	<u>Total Days</u>	<u>Model Default</u>		
Site Preparation	84	180	3.2%	
Grading	217	465	8.3%	
Building Construction/Architectural Coatings	2166	4650	82.7%	
Paving	154	330	5.9%	
Actual Total	2620 Total	5625		
		Acres		Parking Lot
<u>Land Uses 2032-2042</u>	1166.4 ksf regional retail		116.8	87.6
	838.72 ksf strip mall		58.46	43.845
	101.1 ksf office park		9.7	7.275
	600 student jr high		10	
	1000 student high school		24.35	
	Total		219.31	

**2. CalEEMod Model Construction Results – Annual, Summer, Winter,
Mitigation Report**

Area A (Years 2017-2022)

Lincoln Village 5 - Area A Construction 2017-2022
Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	650.00	Student	12.00	54,342.19	0
Parking Lot	2.20	Acre	2.20	95,832.00	0
City Park	110.10	Acre	110.10	4,795,956.00	0
Single Family Housing	1,372.00	Dwelling Unit	470.80	2,469,600.00	3924
Strip Mall	115.00	1000sqft	6.70	115,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2024
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 information based on the Urban Decay/Fiscal analysis. Also assumed 25% of commercial use acreage would be paved.

Construction Phase - Adjusted Start/End dates to fit into the 5 year development for this Phase of Area A

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading - Approximately 599.6 acres disturbed for this Phase

Architectural Coating - Changed VOC to 100 g/L per PCAPCD recommendation

Vehicle Trips - Construction Only

Woodstoves - Construction Only

Consumer Products - Construction Only

Area Coating - Construction Only

Landscape Equipment - Construction Only

Energy Use - Construction Only

Water And Wastewater - Construction Only

Solid Waste - Construction Only

Construction Off-road Equipment Mitigation - Mitigation includes on-site fugitive dust control and Tier 4 engines.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	2,484,087.00	2,465,986.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	7,452,260.00	7,397,959.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,666,980.00	2,698,515.00
tblArchitecturalCoating	ConstArea_Residential_Interior	5,000,940.00	8,095,545.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	770.00	979.00
tblConstructionPhase	NumDays	10,850.00	1,023.00
tblConstructionPhase	NumDays	1,085.00	102.00
tblConstructionPhase	NumDays	770.00	73.00
tblConstructionPhase	NumDays	420.00	40.00
tblConstructionPhase	PhaseEndDate	3/20/2025	6/19/2021
tblConstructionPhase	PhaseEndDate	6/18/2021	6/19/2021
tblConstructionPhase	PhaseStartDate	6/20/2021	9/19/2017
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	0.88	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	5,098.84	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	5,933.76	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	729.62	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	26,218.01	0.00
tblEnergyUse	T24NG	11.93	0.00
tblFireplaces	NumberGas	754.60	0.00

tblFireplaces	NumberNoFireplace	137.20	0.00
tblFireplaces	NumberWood	480.20	0.00
tblGrading	AcresOfGrading	255.00	599.60
tblGrading	AcresOfGrading	0.00	599.60
tblLandUse	LotAcreage	1.25	12.00
tblLandUse	LotAcreage	445.45	470.80
tblLandUse	LotAcreage	2.64	6.70
tblProjectCharacteristics	OperationalYear	2014	2024
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	9.47	0.00
tblSolidWaste	SolidWasteGenerationRate	118.63	0.00
tblSolidWaste	SolidWasteGenerationRate	1,412.64	0.00
tblSolidWaste	SolidWasteGenerationRate	120.75	0.00
tblTripsAndVMT	VendorTripNumber	976.00	1,061.00
tblTripsAndVMT	WorkerTripNumber	2,608.00	2,899.00
tblTripsAndVMT	WorkerTripNumber	522.00	580.00
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	10.08	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	8.77	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	1.59	0.00
tblVehicleTrips	WD_TR	1.29	0.00
tblVehicleTrips	WD_TR	9.57	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	1,575,756.00	0.00
tblWater	IndoorWaterUseRate	89,391,323.15	0.00

tblWater	IndoorWaterUseRate	8,518,339.97	0.00
tblWater	OutdoorWaterUseRate	131,182,096.60	0.00
tblWater	OutdoorWaterUseRate	4,051,944.00	0.00
tblWater	OutdoorWaterUseRate	56,355,399.38	0.00
tblWater	OutdoorWaterUseRate	5,220,918.05	0.00
tblWoodstoves	NumberCatalytic	68.60	0.00
tblWoodstoves	NumberNoncatalytic	68.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2017	5.4232	12.0137	20.5328	0.0468	4.0353	0.4251	4.4604	1.1706	0.3936	1.5642	0.0000	3,707.6196	3,707.6196	0.2374	0.0000	3,712.6040
2018	15.5639	14.9039	36.1328	0.0984	6.3477	0.4004	6.7481	1.7063	0.3740	2.0803	0.0000	7,435.4909	7,435.4909	0.2732	0.0000	7,441.2273
2019	15.3462	13.5267	34.2873	0.0982	6.3478	0.3588	6.7065	1.7063	0.3350	2.0413	0.0000	7,221.3809	7,221.3809	0.2609	0.0000	7,226.8592
2020	15.2306	11.9559	32.7707	0.0985	6.3721	0.3203	6.6924	1.7128	0.2991	2.0119	0.0000	7,014.0443	7,014.0443	0.2516	0.0000	7,019.3286
2021	6.9928	5.2266	14.9632	0.0464	2.9496	0.1559	3.1055	0.7928	0.1452	0.9380	0.0000	3,282.0521	3,282.0521	0.1360	0.0000	3,284.9080
Total	58.5567	57.6267	138.6869	0.3882	26.0524	1.6605	27.7129	7.0888	1.5469	8.6357	0.0000	28,660.5877	28,660.5877	1.1590	0.0000	28,684.9271

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	29.7182	0.1174	10.1910	5.4000e-004		0.0565	0.0565		0.0565	0.0565	0.0000	16.6564	16.6564	0.0160	0.0000	16.9925
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	29.7182	0.1174	10.1910	5.4000e-004	0.0000	0.0565	0.0565	0.0000	0.0565	0.0565	0.0000	16.6564	16.6564	0.0160	0.0000	16.9925

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	29.7182	0.1174	10.1910	5.4000e-004		0.0565	0.0565		0.0565	0.0565	0.0000	16.6564	16.6564	0.0160	0.0000	16.9925
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	29.7182	0.1174	10.1910	5.4000e-004	0.0000	0.0565	0.0565	0.0000	0.0565	0.0565	0.0000	16.6564	16.6564	0.0160	0.0000	16.9925

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2017	2/24/2017	5	40	
2	Grading	Grading	2/25/2017	7/18/2017	5	102	
3	Building Construction	Building Construction	7/19/2017	6/19/2021	5	1023	
4	Architectural Coating	Architectural Coating	9/19/2017	6/19/2021	5	979	
5	Paving	Paving	6/20/2021	9/29/2021	5	73	

Acres of Grading (Site Preparation Phase): 599.6

Acres of Grading (Grading Phase): 599.6

Acres of Paving: 0

**Residential Indoor: 8,095,545; Residential Outdoor: 2,698,515; Non-Residential Indoor: 7,397,959; Non-Residential Outdoor: 2,465,986
(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
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	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
Building Construction	9	2,899.00	1,061.00	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
Architectural Coating	1	580.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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					0.6793	0.0000	0.6793	0.2329	0.0000	0.2329	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0968	1.0351	0.7879	7.8000e-004		0.0551	0.0551		0.0507	0.0507	0.0000	72.6308	72.6308	0.0223	0.0000	73.0981
Total	0.0968	1.0351	0.7879	7.8000e-004	0.6793	0.0551	0.7343	0.2329	0.0507	0.2836	0.0000	72.6308	72.6308	0.0223	0.0000	73.0981

3.2 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0700e-003	1.6700e-003	0.0169	5.0000e-005	4.4000e-003	3.0000e-005	4.4200e-003	1.1700e-003	2.0000e-005	1.1900e-003	0.0000	3.6754	3.6754	1.5000e-004	0.0000	3.6786
Total	1.0700e-003	1.6700e-003	0.0169	5.0000e-005	4.4000e-003	3.0000e-005	4.4200e-003	1.1700e-003	2.0000e-005	1.1900e-003	0.0000	3.6754	3.6754	1.5000e-004	0.0000	3.6786

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2904	0.0000	0.2904	0.0996	0.0000	0.0996	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5100e-003	0.0412	0.4248	7.8000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	72.6307	72.6307	0.0223	0.0000	73.0980
Total	9.5100e-003	0.0412	0.4248	7.8000e-004	0.2904	1.2700e-003	0.2917	0.0996	1.2700e-003	0.1009	0.0000	72.6307	72.6307	0.0223	0.0000	73.0980

3.2 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0700e-003	1.6700e-003	0.0169	5.0000e-005	4.4000e-003	3.0000e-005	4.4200e-003	1.1700e-003	2.0000e-005	1.1900e-003	0.0000	3.6754	3.6754	1.5000e-004	0.0000	3.6786
Total	1.0700e-003	1.6700e-003	0.0169	5.0000e-005	4.4000e-003	3.0000e-005	4.4200e-003	1.1700e-003	2.0000e-005	1.1900e-003	0.0000	3.6754	3.6754	1.5000e-004	0.0000	3.6786

3.3 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6251	0.0000	0.6251	0.2032	0.0000	0.2032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3111	3.5492	2.3871	3.1500e-003		0.1692	0.1692		0.1556	0.1556	0.0000	292.0970	292.0970	0.0895	0.0000	293.9765
Total	0.3111	3.5492	2.3871	3.1500e-003	0.6251	0.1692	0.7942	0.2032	0.1556	0.3588	0.0000	292.0970	292.0970	0.0895	0.0000	293.9765

3.3 Grading - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0300e-003	4.7200e-003	0.0479	1.5000e-004	0.0125	8.0000e-005	0.0125	3.3100e-003	7.0000e-005	3.3800e-003	0.0000	10.4137	10.4137	4.2000e-004	0.0000	10.4226
Total	3.0300e-003	4.7200e-003	0.0479	1.5000e-004	0.0125	8.0000e-005	0.0125	3.3100e-003	7.0000e-005	3.3800e-003	0.0000	10.4137	10.4137	4.2000e-004	0.0000	10.4226

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2672	0.0000	0.2672	0.0869	0.0000	0.0869	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0386	0.1672	1.7737	3.1500e-003		5.1400e-003	5.1400e-003		5.1400e-003	5.1400e-003	0.0000	292.0967	292.0967	0.0895	0.0000	293.9761
Total	0.0386	0.1672	1.7737	3.1500e-003	0.2672	5.1400e-003	0.2724	0.0869	5.1400e-003	0.0920	0.0000	292.0967	292.0967	0.0895	0.0000	293.9761

3.3 Grading - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0300e-003	4.7200e-003	0.0479	1.5000e-004	0.0125	8.0000e-005	0.0125	3.3100e-003	7.0000e-005	3.3800e-003	0.0000	10.4137	10.4137	4.2000e-004	0.0000	10.4226
Total	3.0300e-003	4.7200e-003	0.0479	1.5000e-004	0.0125	8.0000e-005	0.0125	3.3100e-003	7.0000e-005	3.3800e-003	0.0000	10.4137	10.4137	4.2000e-004	0.0000	10.4226

3.4 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1830	1.5579	1.0696	1.5800e-003		0.1051	0.1051		0.0987	0.0987	0.0000	141.2927	141.2927	0.0348	0.0000	142.0229
Total	0.1830	1.5579	1.0696	1.5800e-003		0.1051	0.1051		0.0987	0.0987	0.0000	141.2927	141.2927	0.0348	0.0000	142.0229

3.4 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6254	4.8939	7.1123	0.0136	0.3636	0.0750	0.4386	0.1045	0.0689	0.1735	0.0000	1,212.7259	1,212.7259	9.3500e-003	0.0000	1,212.9223
Worker	0.5081	0.7911	8.0340	0.0243	2.0884	0.0127	2.1011	0.5557	0.0117	0.5674	0.0000	1,746.2415	1,746.2415	0.0710	0.0000	1,747.7324
Total	1.1334	5.6850	15.1463	0.0379	2.4521	0.0876	2.5397	0.6603	0.0806	0.7409	0.0000	2,958.9674	2,958.9674	0.0804	0.0000	2,960.6547

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0193	0.1315	1.0273	1.5800e-003		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	141.2925	141.2925	0.0348	0.0000	142.0228
Total	0.0193	0.1315	1.0273	1.5800e-003		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	141.2925	141.2925	0.0348	0.0000	142.0228

3.4 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6254	4.8939	7.1123	0.0136	0.3636	0.0750	0.4386	0.1045	0.0689	0.1735	0.0000	1,212.7259	1,212.7259	9.3500e-003	0.0000	1,212.9223
Worker	0.5081	0.7911	8.0340	0.0243	2.0884	0.0127	2.1011	0.5557	0.0117	0.5674	0.0000	1,746.2415	1,746.2415	0.0710	0.0000	1,747.7324
Total	1.1334	5.6850	15.1463	0.0379	2.4521	0.0876	2.5397	0.6603	0.0806	0.7409	0.0000	2,958.9674	2,958.9674	0.0804	0.0000	2,960.6547

3.4 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723
Total	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723

3.4 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2182	9.7154	14.4662	0.0299	0.8042	0.1526	0.9567	0.2311	0.1403	0.3714	0.0000	2,634.0496	2,634.0496	0.0202	0.0000	2,634.4731
Worker	0.9958	1.5759	15.9462	0.0538	4.6193	0.0277	4.6470	1.2292	0.0256	1.2548	0.0000	3,715.7338	3,715.7338	0.1452	0.0000	3,718.7823
Total	2.2140	11.2913	30.4124	0.0837	5.4235	0.1802	5.6038	1.4604	0.1659	1.6263	0.0000	6,349.7834	6,349.7834	0.1653	0.0000	6,353.2554

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720
Total	0.0426	0.2909	2.2721	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720

3.4 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2182	9.7154	14.4662	0.0299	0.8042	0.1526	0.9567	0.2311	0.1403	0.3714	0.0000	2,634.0496	2,634.0496	0.0202	0.0000	2,634.4731
Worker	0.9958	1.5759	15.9462	0.0538	4.6193	0.0277	4.6470	1.2292	0.0256	1.2548	0.0000	3,715.7338	3,715.7338	0.1452	0.0000	3,718.7823
Total	2.2140	11.2913	30.4124	0.0837	5.4235	0.1802	5.6038	1.4604	0.1659	1.6263	0.0000	6,349.7834	6,349.7834	0.1653	0.0000	6,353.2554

3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913
Total	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913

3.4 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1436	8.8112	14.0878	0.0299	0.8042	0.1410	0.9452	0.2312	0.1297	0.3608	0.0000	2,589.4392	2,589.4392	0.0196	0.0000	2,589.8509
Worker	0.9146	1.4499	14.7700	0.0537	4.6193	0.0278	4.6471	1.2292	0.0257	1.2549	0.0000	3,577.3706	3,577.3706	0.1368	0.0000	3,580.2425
Total	2.0581	10.2611	28.8578	0.0836	5.4236	0.1687	5.5923	1.4604	0.1554	1.6158	0.0000	6,166.8098	6,166.8098	0.1564	0.0000	6,170.0934

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909
Total	0.0426	0.2909	2.2721	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909

3.4 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1436	8.8112	14.0878	0.0299	0.8042	0.1410	0.9452	0.2312	0.1297	0.3608	0.0000	2,589.4392	2,589.4392	0.0196	0.0000	2,589.8509
Worker	0.9146	1.4499	14.7700	0.0537	4.6193	0.0278	4.6471	1.2292	0.0257	1.2549	0.0000	3,577.3706	3,577.3706	0.1368	0.0000	3,580.2425
Total	2.0581	10.2611	28.8578	0.0836	5.4236	0.1687	5.5923	1.4604	0.1554	1.6158	0.0000	6,166.8098	6,166.8098	0.1564	0.0000	6,170.0934

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973
Total	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0826	7.6111	13.7503	0.0299	0.8073	0.1263	0.9337	0.2321	0.1162	0.3483	0.0000	2,540.173 2	2,540.173 2	0.0190	0.0000	2,540.571 1	
Worker	0.8562	1.3534	13.8147	0.0539	4.6370	0.0281	4.6651	1.2339	0.0260	1.2599	0.0000	3,448.361 8	3,448.361 8	0.1304	0.0000	3,451.100 1	
Total	1.9387	8.9645	27.5650	0.0839	5.4444	0.1544	5.5988	1.4660	0.1422	1.6082	0.0000	5,988.535 0	5,988.535 0	0.1494	0.0000	5,991.671 3	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0428	0.2920	2.2808	3.5100e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969
Total	0.0428	0.2920	2.2808	3.5100e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0826	7.6111	13.7503	0.0299	0.8073	0.1263	0.9337	0.2321	0.1162	0.3483	0.0000	2,540.173 2	2,540.173 2	0.0190	0.0000	2,540.571 1
Worker	0.8562	1.3534	13.8147	0.0539	4.6370	0.0281	4.6651	1.2339	0.0260	1.2599	0.0000	3,448.361 8	3,448.361 8	0.1304	0.0000	3,451.100 1
Total	1.9387	8.9645	27.5650	0.0839	5.4444	0.1544	5.5988	1.4660	0.1422	1.6082	0.0000	5,988.535 0	5,988.535 0	0.1494	0.0000	5,991.671 3

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1145	1.0491	1.0005	1.6200e-003		0.0578	0.0578		0.0543	0.0543	0.0000	139.5598	139.5598	0.0336	0.0000	140.2658
Total	0.1145	1.0491	1.0005	1.6200e-003		0.0578	0.0578		0.0543	0.0543	0.0000	139.5598	139.5598	0.0336	0.0000	140.2658

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4494	2.9146	6.0759	0.0138	0.3729	0.0524	0.4253	0.1072	0.0482	0.1554	0.0000	1,171.2892	1,171.2892	8.6700e-003	0.0000	1,171.4713
Worker	0.3746	0.5888	6.0281	0.0249	2.1415	0.0131	2.1547	0.5699	0.0122	0.5820	0.0000	1,566.0238	1,566.0238	0.0578	0.0000	1,567.2369
Total	0.8240	3.5034	12.1040	0.0387	2.5144	0.0655	2.5799	0.6770	0.0604	0.7374	0.0000	2,737.3130	2,737.3130	0.0664	0.0000	2,738.7082

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0198	0.1349	1.0534	1.6200e-003		2.4600e-003	2.4600e-003		2.4600e-003	2.4600e-003	0.0000	139.5596	139.5596	0.0336	0.0000	140.2657
Total	0.0198	0.1349	1.0534	1.6200e-003		2.4600e-003	2.4600e-003		2.4600e-003	2.4600e-003	0.0000	139.5596	139.5596	0.0336	0.0000	140.2657

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4494	2.9146	6.0759	0.0138	0.3729	0.0524	0.4253	0.1072	0.0482	0.1554	0.0000	1,171.2892	1,171.2892	8.6700e-003	0.0000	1,171.4713
Worker	0.3746	0.5888	6.0281	0.0249	2.1415	0.0131	2.1547	0.5699	0.0122	0.5820	0.0000	1,566.0238	1,566.0238	0.0578	0.0000	1,567.2369
Total	0.8240	3.5034	12.1040	0.0387	2.5144	0.0655	2.5799	0.6770	0.0604	0.7374	0.0000	2,737.3130	2,737.3130	0.0664	0.0000	2,738.7082

3.5 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.6187					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	0.0123	0.0809	0.0691	1.1000e-004		6.4100e-003	6.4100e-003		6.4100e-003	6.4100e-003	0.0000	9.4470	9.4470	1.0000e-003	0.0000	9.4680
Total	3.6310	0.0809	0.0691	1.1000e-004		6.4100e-003	6.4100e-003		6.4100e-003	6.4100e-003	0.0000	9.4470	9.4470	1.0000e-003	0.0000	9.4680

3.5 Architectural Coating - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0638	0.0993	1.0080	3.0500e-003	0.2620	1.5900e-003	0.2636	0.0697	1.4600e-003	0.0712	0.0000	219.0957	219.0957	8.9100e-003	0.0000	219.2827
Total	0.0638	0.0993	1.0080	3.0500e-003	0.2620	1.5900e-003	0.2636	0.0697	1.4600e-003	0.0712	0.0000	219.0957	219.0957	8.9100e-003	0.0000	219.2827

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.6187					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1000e-003	4.7600e-003	0.0678	1.1000e-004		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	9.4470	9.4470	1.0000e-003	0.0000	9.4680
Total	3.6198	4.7600e-003	0.0678	1.1000e-004		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	9.4470	9.4470	1.0000e-003	0.0000	9.4680

3.5 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0638	0.0993	1.0080	3.0500e-003	0.2620	1.5900e-003	0.2636	0.0697	1.4600e-003	0.0712	0.0000	219.0957	219.0957	8.9100e-003	0.0000	219.2827
Total	0.0638	0.0993	1.0080	3.0500e-003	0.2620	1.5900e-003	0.2636	0.0697	1.4600e-003	0.0712	0.0000	219.0957	219.0957	8.9100e-003	0.0000	219.2827

3.5 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	12.7634					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865
Total	12.8024	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865

3.5 Architectural Coating - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1992	0.3153	3.1903	0.0108	0.9242	5.5400e-003	0.9297	0.2459	5.1300e-003	0.2511	0.0000	743.4031	743.4031	0.0290	0.0000	744.0130	
Total	0.1992	0.3153	3.1903	0.0108	0.9242	5.5400e-003	0.9297	0.2459	5.1300e-003	0.2511	0.0000	743.4031	743.4031	0.0290	0.0000	744.0130	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.7634					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865
Total	12.7673	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865

3.5 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1992	0.3153	3.1903	0.0108	0.9242	5.5400e-003	0.9297	0.2459	5.1300e-003	0.2511	0.0000	743.4031	743.4031	0.0290	0.0000	744.0130
Total	0.1992	0.3153	3.1903	0.0108	0.9242	5.5400e-003	0.9297	0.2459	5.1300e-003	0.2511	0.0000	743.4031	743.4031	0.0290	0.0000	744.0130

3.5 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	12.7634					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0348	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3791
Total	12.7982	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3791

3.5 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1830	0.2901	2.9550	0.0108	0.9242	5.5500e-003	0.9297	0.2459	5.1500e-003	0.2511	0.0000	715.7209	715.7209	0.0274	0.0000	716.2955
Total	0.1830	0.2901	2.9550	0.0108	0.9242	5.5500e-003	0.9297	0.2459	5.1500e-003	0.2511	0.0000	715.7209	715.7209	0.0274	0.0000	716.2955

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.7634					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3790
Total	12.7673	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3790

3.5 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1830	0.2901	2.9550	0.0108	0.9242	5.5500e-003	0.9297	0.2459	5.1500e-003	0.2511	0.0000	715.7209	715.7209	0.0274	0.0000	716.2955
Total	0.1830	0.2901	2.9550	0.0108	0.9242	5.5500e-003	0.9297	0.2459	5.1500e-003	0.2511	0.0000	715.7209	715.7209	0.0274	0.0000	716.2955

3.5 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	12.8123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5020
Total	12.8440	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5020

3.5 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1713	0.2708	2.7639	0.0108	0.9277	5.6100e-003	0.9333	0.2469	5.2100e-003	0.2521	0.0000	689.9103	689.9103	0.0261	0.0000	690.4581	
Total	0.1713	0.2708	2.7639	0.0108	0.9277	5.6100e-003	0.9333	0.2469	5.2100e-003	0.2521	0.0000	689.9103	689.9103	0.0261	0.0000	690.4581	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.8123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8900e-003	0.0169	0.2401	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5020
Total	12.8162	0.0169	0.2401	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5020

3.5 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1713	0.2708	2.7639	0.0108	0.9277	5.6100e-003	0.9333	0.2469	5.2100e-003	0.2521	0.0000	689.9103	689.9103	0.0261	0.0000	690.4581
Total	0.1713	0.2708	2.7639	0.0108	0.9277	5.6100e-003	0.9333	0.2469	5.2100e-003	0.2521	0.0000	689.9103	689.9103	0.0261	0.0000	690.4581

3.5 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	5.9171					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0132	0.0924	0.1100	1.8000e-004		5.6900e-003	5.6900e-003		5.6900e-003	5.6900e-003	0.0000	15.4472	15.4472	1.0600e-003	0.0000	15.4695
Total	5.9304	0.0924	0.1100	1.8000e-004		5.6900e-003	5.6900e-003		5.6900e-003	5.6900e-003	0.0000	15.4472	15.4472	1.0600e-003	0.0000	15.4695

3.5 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0749	0.1178	1.2060	4.9800e-003	0.4285	2.6200e-003	0.4311	0.1140	2.4300e-003	0.1165	0.0000	313.3128	313.3128	0.0116	0.0000	313.5555	
Total	0.0749	0.1178	1.2060	4.9800e-003	0.4285	2.6200e-003	0.4311	0.1140	2.4300e-003	0.1165	0.0000	313.3128	313.3128	0.0116	0.0000	313.5555	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.9171					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-003	7.7900e-003	0.1109	1.8000e-004		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	15.4472	15.4472	1.0600e-003	0.0000	15.4694
Total	5.9189	7.7900e-003	0.1109	1.8000e-004		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	15.4472	15.4472	1.0600e-003	0.0000	15.4694

3.5 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0749	0.1178	1.2060	4.9800e-003	0.4285	2.6200e-003	0.4311	0.1140	2.4300e-003	0.1165	0.0000	313.3128	313.3128	0.0116	0.0000	313.5555
Total	0.0749	0.1178	1.2060	4.9800e-003	0.4285	2.6200e-003	0.4311	0.1140	2.4300e-003	0.1165	0.0000	313.3128	313.3128	0.0116	0.0000	313.5555

3.6 Paving - 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	0.0449	0.4621	0.5239	8.1000e-004		0.0243	0.0243		0.0223	0.0223	0.0000	71.5308	71.5308	0.0231	0.0000	72.0167
Paving	2.8800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0478	0.4621	0.5239	8.1000e-004		0.0243	0.0243		0.0223	0.0223	0.0000	71.5308	71.5308	0.0231	0.0000	72.0167

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1700e-003	1.8400e-003	0.0188	8.0000e-005	6.6900e-003	4.0000e-005	6.7300e-003	1.7800e-003	4.0000e-005	1.8200e-003	0.0000	4.8885	4.8885	1.8000e-004	0.0000	4.8923
Total	1.1700e-003	1.8400e-003	0.0188	8.0000e-005	6.6900e-003	4.0000e-005	6.7300e-003	1.7800e-003	4.0000e-005	1.8200e-003	0.0000	4.8885	4.8885	1.8000e-004	0.0000	4.8923

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0100	0.0434	0.6179	8.1000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	71.5307	71.5307	0.0231	0.0000	72.0166
Paving	2.8800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0129	0.0434	0.6179	8.1000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	71.5307	71.5307	0.0231	0.0000	72.0166

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Elementary School	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Elementary School	14.70	6.60	6.60	65.00	30.00	5.00	63	25	12
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.60	21.00	36.40	86	11	3
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.463398	0.064518	0.187633	0.173123	0.059219	0.008287	0.013602	0.015435	0.001607	0.001273	0.007819	0.000576	0.003510

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	29.7182	0.1174	10.1910	5.4000e-004		0.0565	0.0565		0.0565	0.0565	0.0000	16.6564	16.6564	0.0160	0.0000	16.9925
Unmitigated	29.7182	0.1174	10.1910	5.4000e-004		0.0565	0.0565		0.0565	0.0565	0.0000	16.6564	16.6564	0.0160	0.0000	16.9925

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	29.4113					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.3069	0.1174	10.1910	5.4000e-004		0.0565	0.0565		0.0565	0.0565	0.0000	16.6564	16.6564	0.0160	0.0000	16.9925
Total	29.7182	0.1174	10.1910	5.4000e-004		0.0565	0.0565		0.0565	0.0565	0.0000	16.6564	16.6564	0.0160	0.0000	16.9925

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	29.4113					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.3069	0.1174	10.1910	5.4000e-004		0.0565	0.0565		0.0565	0.0565	0.0000	16.6564	16.6564	0.0160	0.0000	16.9925
Total	29.7182	0.1174	10.1910	5.4000e-004		0.0565	0.0565		0.0565	0.0565	0.0000	16.6564	16.6564	0.0160	0.0000	16.9925

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

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

Lincoln Village 5 - Area A Construction 2017-2022
Placer-Sacramento County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	650.00	Student	12.00	54,342.19	0
Parking Lot	2.20	Acre	2.20	95,832.00	0
City Park	110.10	Acre	110.10	4,795,956.00	0
Single Family Housing	1,372.00	Dwelling Unit	470.80	2,469,600.00	3924
Strip Mall	115.00	1000sqft	6.70	115,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Construction phase information based on the Urban Decay/Fiscal analysis. Also assumed 25% of commercial use acreage would be paved.

Construction Phase - Adjusted Start/End dates to fit into the 5 year development for this Phase of Area A

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading - Approximately 599.6 acres disturbed for this Phase

Architectural Coating - Changed VOC to 100 g/L per PCAPCD recommendation

Vehicle Trips - Construction Only

Woodstoves - Construction Only

Consumer Products - Construction Only

Area Coating - Construction Only

Landscape Equipment - Construction Only

Energy Use - Construction Only

Water And Wastewater - Construction Only

Solid Waste - Construction Only

Construction Off-road Equipment Mitigation - Mitigation includes on-site fugitive dust control and Tier 4 engines.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	2,484,087.00	2,465,986.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	7,452,260.00	7,397,959.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,666,980.00	2,698,515.00
tblArchitecturalCoating	ConstArea_Residential_Interior	5,000,940.00	8,095,545.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	770.00	979.00
tblConstructionPhase	NumDays	10,850.00	1,023.00
tblConstructionPhase	NumDays	1,085.00	102.00
tblConstructionPhase	NumDays	770.00	73.00
tblConstructionPhase	NumDays	420.00	40.00
tblConstructionPhase	PhaseEndDate	3/20/2025	6/19/2021
tblConstructionPhase	PhaseEndDate	6/18/2021	6/19/2021
tblConstructionPhase	PhaseStartDate	6/20/2021	9/19/2017
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	0.88	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	5,098.84	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	5,933.76	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	729.62	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	26,218.01	0.00
tblEnergyUse	T24NG	11.93	0.00
tblFireplaces	NumberGas	754.60	0.00

tblFireplaces	NumberNoFireplace	137.20	0.00
tblFireplaces	NumberWood	480.20	0.00
tblGrading	AcresOfGrading	255.00	599.60
tblGrading	AcresOfGrading	0.00	599.60
tblLandUse	LotAcreage	1.25	12.00
tblLandUse	LotAcreage	445.45	470.80
tblLandUse	LotAcreage	2.64	6.70
tblProjectCharacteristics	OperationalYear	2014	2024
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	9.47	0.00
tblSolidWaste	SolidWasteGenerationRate	118.63	0.00
tblSolidWaste	SolidWasteGenerationRate	1,412.64	0.00
tblSolidWaste	SolidWasteGenerationRate	120.75	0.00
tblTripsAndVMT	VendorTripNumber	976.00	1,061.00
tblTripsAndVMT	WorkerTripNumber	2,608.00	2,899.00
tblTripsAndVMT	WorkerTripNumber	522.00	580.00
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	10.08	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	8.77	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	1.59	0.00
tblVehicleTrips	WD_TR	1.29	0.00
tblVehicleTrips	WD_TR	9.57	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	1,575,756.00	0.00
tblWater	IndoorWaterUseRate	89,391,323.15	0.00

tblWater	IndoorWaterUseRate	8,518,339.97	0.00
tblWater	OutdoorWaterUseRate	131,182,096.60	0.00
tblWater	OutdoorWaterUseRate	4,051,944.00	0.00
tblWater	OutdoorWaterUseRate	56,355,399.38	0.00
tblWater	OutdoorWaterUseRate	5,220,918.05	0.00
tblWoodstoves	NumberCatalytic	68.60	0.00
tblWoodstoves	NumberNoncatalytic	68.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	123.8861	130.6102	336.9754	0.7390	50.8354	3.4927	54.3280	13.6136	3.2611	16.8746	0.0000	63,437.6273	63,437.6273	2.4490	0.0000	63,489.0567
2018	120.5876	116.8735	309.1416	0.7381	50.8343	3.0776	53.9119	13.6132	2.8745	16.4877	0.0000	61,558.0115	61,558.0115	2.3105	0.0000	61,606.5308
2019	118.7842	106.0861	294.0358	0.7369	50.8347	2.7576	53.5923	13.6133	2.5749	16.1882	0.0000	59,792.8507	59,792.8507	2.2067	0.0000	59,839.1916
2020	117.3488	93.4541	280.7080	0.7366	50.8349	2.4525	53.2873	13.6134	2.2896	15.9029	0.0000	57,860.6629	57,860.6629	2.1206	0.0000	57,905.1964
2021	115.6898	80.6977	268.3875	0.7361	50.8353	2.1818	53.0171	13.6136	2.0361	15.6496	0.0000	57,264.2443	57,264.2443	2.0564	0.0000	57,307.4278
Total	596.2966	527.7215	1,489.2483	3.6867	254.1746	13.9621	268.1367	68.0669	13.0361	81.1030	0.0000	299,913.3966	299,913.3966	11.1432	0.0000	300,147.4032

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	164.5679	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	164.5679	1.3044	113.2336	5.9800e-003	0.0000	0.6274	0.6274	0.0000	0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230

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	164.5679	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	164.5679	1.3044	113.2336	5.9800e-003	0.0000	0.6274	0.6274	0.0000	0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2017	2/24/2017	5	40	
2	Grading	Grading	2/25/2017	7/18/2017	5	102	
3	Building Construction	Building Construction	7/19/2017	6/19/2021	5	1023	
4	Architectural Coating	Architectural Coating	9/19/2017	6/19/2021	5	979	
5	Paving	Paving	6/20/2021	9/29/2021	5	73	

Acres of Grading (Site Preparation Phase): 599.6

Acres of Grading (Grading Phase): 599.6

Acres of Paving: 0

Residential Indoor: 8,095,545; Residential Outdoor: 2,698,515; Non-Residential Indoor: 7,397,959; Non-Residential Outdoor: 2,465,986
(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
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	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
Building Construction	9	2,899.00	1,061.00	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
Architectural Coating	1	580.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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					33.9632	0.0000	33.9632	11.6472	0.0000	11.6472			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339		4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	33.9632	2.7542	36.7174	11.6472	2.5339	14.1811		4,003.0859	4,003.0859	1.2265		4,028.8432

3.2 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0552	0.0925	0.8474	2.4800e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		196.4489	196.4489	8.2400e-003			196.6219
Total	0.0552	0.0925	0.8474	2.4800e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		196.4489	196.4489	8.2400e-003			196.6219

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					14.5193	0.0000	14.5193	4.9792	0.0000	4.9792			0.0000			0.0000	
Off-Road	0.4757	2.0615	21.2415	0.0391		0.0634	0.0634		0.0634	0.0634	0.0000	4,003.0859	4,003.0859	1.2265			4,028.8432
Total	0.4757	2.0615	21.2415	0.0391	14.5193	0.0634	14.5827	4.9792	0.0634	5.0426	0.0000	4,003.0859	4,003.0859	1.2265			4,028.8432

3.2 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0552	0.0925	0.8474	2.4800e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		196.4489	196.4489	8.2400e-003			196.6219
Total	0.0552	0.0925	0.8474	2.4800e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		196.4489	196.4489	8.2400e-003			196.6219

3.3 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2562	0.0000	12.2562	3.9834	0.0000	3.9834			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	6.0991	69.5920	46.8050	0.0617	12.2562	3.3172	15.5734	3.9834	3.0518	7.0352		6,313.3690	6,313.3690	1.9344		6,353.9915

3.3 Grading - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0614	0.1027	0.9415	2.7600e-003	0.2555	1.4800e-003	0.2569	0.0678	1.3600e-003	0.0691		218.2766	218.2766	9.1500e-003			218.4688
Total	0.0614	0.1027	0.9415	2.7600e-003	0.2555	1.4800e-003	0.2569	0.0678	1.3600e-003	0.0691		218.2766	218.2766	9.1500e-003			218.4688

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.2395	0.0000	5.2395	1.7029	0.0000	1.7029			0.0000			0.0000	
Off-Road	0.7564	3.2778	34.7787	0.0617		0.1009	0.1009		0.1009	0.1009	0.0000	6,313.3690	6,313.3690	1.9344			6,353.9915
Total	0.7564	3.2778	34.7787	0.0617	5.2395	0.1009	5.3404	1.7029	0.1009	1.8038	0.0000	6,313.3690	6,313.3690	1.9344			6,353.9915

3.3 Grading - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0614	0.1027	0.9415	2.7600e-003	0.2555	1.4800e-003	0.2569	0.0678	1.3600e-003	0.0691		218.2766	218.2766	9.1500e-003			218.4688
Total	0.0614	0.1027	0.9415	2.7600e-003	0.2555	1.4800e-003	0.2569	0.0678	1.3600e-003	0.0691		218.2766	218.2766	9.1500e-003			218.4688

3.4 Building Construction - 2017

Unmitigated Construction On-Site

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

3.4 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	11.9745	84.1511	153.1986	0.2291	6.3980	1.2807	7.6787	1.8292	1.1774	3.0066		22,547.15 91	22,547.15 91	0.1778			22,550.89 23
Worker	8.8938	14.8895	136.4752	0.4000	37.0290	0.2145	37.2435	9.8197	0.1978	10.0175		31,639.19 34	31,639.19 34	1.3265			31,667.04 88
Total	20.8683	99.0406	289.6737	0.6292	43.4270	1.4952	44.9222	11.6490	1.3752	13.0241		54,186.35 25	54,186.35 25	1.5042			54,217.94 11

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,639.805 3	2,639.805 3	0.6497			2,653.449 0
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,639.805 3	2,639.805 3	0.6497			2,653.449 0

3.4 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	11.9745	84.1511	153.1986	0.2291	6.3980	1.2807	7.6787	1.8292	1.1774	3.0066		22,547.15 91	22,547.15 91	0.1778			22,550.89 23
Worker	8.8938	14.8895	136.4752	0.4000	37.0290	0.2145	37.2435	9.8197	0.1978	10.0175		31,639.19 34	31,639.19 34	1.3265			31,667.04 88
Total	20.8683	99.0406	289.6737	0.6292	43.4270	1.4952	44.9222	11.6490	1.3752	13.0241		54,186.35 25	54,186.35 25	1.5042			54,217.94 11

3.4 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.939 0	2,609.939 0	0.6387			2,623.351 7
Total	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.939 0	2,609.939 0	0.6387			2,623.351 7

3.4 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.4057	75.5098	143.6062	0.2284	6.3969	1.1781	7.5750	1.8288	1.0835	2.9123		22,140.4789	22,140.4789	0.1735			22,144.1214
Worker	7.8419	13.4135	121.7835	0.3999	37.0290	0.2122	37.2412	9.8197	0.1964	10.0161		30,436.7044	30,436.7044	1.2262			30,462.4550
Total	18.2476	88.9233	265.3897	0.6283	43.4260	1.3903	44.8163	11.6485	1.2799	12.9284		52,577.1833	52,577.1833	1.3997			52,606.5764

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,609.9389	2,609.9389	0.6387			2,623.3517
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,609.9389	2,609.9389	0.6387			2,623.3517

3.4 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.4057	75.5098	143.6062	0.2284	6.3969	1.1781	7.5750	1.8288	1.0835	2.9123		22,140.4789	22,140.4789	0.1735			22,144.1214
Worker	7.8419	13.4135	121.7835	0.3999	37.0290	0.2122	37.2412	9.8197	0.1964	10.0161		30,436.7044	30,436.7044	1.2262			30,462.4550
Total	18.2476	88.9233	265.3897	0.6283	43.4260	1.3903	44.8163	11.6485	1.2799	12.9284		52,577.1833	52,577.1833	1.3997			52,606.5764

3.4 Building Construction - 2019

Unmitigated Construction On-Site

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

3.4 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.7429	68.4734	140.2639	0.2281	6.3973	1.0887	7.4860	1.8289	1.0013	2.8303		21,765.27 15	21,765.27 15	0.1688			21,768.81 55
Worker	7.1825	12.3429	112.3354	0.3992	37.0290	0.2126	37.2417	9.8197	0.1971	10.0168		29,302.78 98	29,302.78 98	1.1552			29,327.04 81
Total	16.9255	80.8162	252.5993	0.6273	43.4263	1.3013	44.7276	11.6487	1.1984	12.8471		51,068.06 13	51,068.06 13	1.3239			51,095.86 35

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,580.761 8	2,580.761 8	0.6279			2,593.947 9
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,580.761 8	2,580.761 8	0.6279			2,593.947 9

3.4 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.7429	68.4734	140.2639	0.2281	6.3973	1.0887	7.4860	1.8289	1.0013	2.8303		21,765.27 15	21,765.27 15	0.1688		21,768.81 55
Worker	7.1825	12.3429	112.3354	0.3992	37.0290	0.2126	37.2417	9.8197	0.1971	10.0168		29,302.78 98	29,302.78 98	1.1552		29,327.04 81
Total	16.9255	80.8162	252.5993	0.6273	43.4263	1.3013	44.7276	11.6487	1.1984	12.8471		51,068.06 13	51,068.06 13	1.3239		51,095.86 35

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.479 9	2,542.479 9	0.6194		2,555.488 0
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.479 9	2,542.479 9	0.6194		2,555.488 0

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.1670	58.9163	136.7782	0.2278	6.3975	0.9716	7.3691	1.8290	0.8937	2.7227		21,269.3542	21,269.3542	0.1627			21,272.7701
Worker	6.6869	11.4744	104.4023	0.3991	37.0290	0.2142	37.2433	9.8197	0.1987	10.0184		28,137.8663	28,137.8663	1.0972			28,160.9082
Total	15.8538	70.3907	241.1805	0.6269	43.4265	1.1858	44.6123	11.6487	1.0924	12.7411		49,407.2205	49,407.2205	1.2599			49,433.6783

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,542.4799	2,542.4799	0.6194			2,555.4880
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,542.4799	2,542.4799	0.6194			2,555.4880

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.1670	58.9163	136.7782	0.2278	6.3975	0.9716	7.3691	1.8290	0.8937	2.7227		21,269.3542	21,269.3542	0.1627			21,272.7701
Worker	6.6869	11.4744	104.4023	0.3991	37.0290	0.2142	37.2433	9.8197	0.1987	10.0184		28,137.8663	28,137.8663	1.0972			28,160.9082
Total	15.8538	70.3907	241.1805	0.6269	43.4265	1.1858	44.6123	11.6487	1.0924	12.7411		49,407.2205	49,407.2205	1.2599			49,433.6783

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126			2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126			2,555.6462

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.1779	48.8625	131.8655	0.2274	6.3979	0.8727	7.2706	1.8292	0.8029	2.6321		21,235.69 36	21,235.69 36	0.1613			21,239.08 10
Worker	6.3298	10.8061	98.4666	0.3991	37.0290	0.2168	37.2458	9.8197	0.2011	10.0208		27,668.67 67	27,668.67 67	1.0526			27,690.78 05
Total	14.5077	59.6686	230.3322	0.6265	43.4270	1.0894	44.5164	11.6489	1.0039	12.6529		48,904.37 03	48,904.37 03	1.2139			48,929.86 15

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,542.781 7	2,542.781 7	0.6126			2,555.646 2
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,542.781 7	2,542.781 7	0.6126			2,555.646 2

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.1779	48.8625	131.8655	0.2274	6.3979	0.8727	7.2706	1.8292	0.8029	2.6321		21,235.69 36	21,235.69 36	0.1613			21,239.08 10
Worker	6.3298	10.8061	98.4666	0.3991	37.0290	0.2168	37.2458	9.8197	0.2011	10.0208		27,668.67 67	27,668.67 67	1.0526			27,690.78 05
Total	14.5077	59.6686	230.3322	0.6265	43.4270	1.0894	44.5164	11.6489	1.0039	12.6529		48,904.37 03	48,904.37 03	1.2139			48,929.86 15

3.5 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297			282.0721
Total	98.1360	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297			282.0721

3.5 Architectural Coating - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.7794	2.9789	27.3045	0.0800	7.4084	0.0429	7.4513	1.9646	0.0396	2.0042		6,330.0214	6,330.0214	0.2654			6,335.5945
Total	1.7794	2.9789	27.3045	0.0800	7.4084	0.0429	7.4513	1.9646	0.0396	2.0042		6,330.0214	6,330.0214	0.2654			6,335.5945

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0297			282.0721
Total	97.8334	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0297			282.0721

3.5 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.7794	2.9789	27.3045	0.0800	7.4084	0.0429	7.4513	1.9646	0.0396	2.0042		6,330.0214	6,330.0214	0.2654		6,335.5945
Total	1.7794	2.9789	27.3045	0.0800	7.4084	0.0429	7.4513	1.9646	0.0396	2.0042		6,330.0214	6,330.0214	0.2654		6,335.5945

3.5 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	98.1024	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

3.5 Architectural Coating - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.5689	2.6836	24.3651	0.0800	7.4084	0.0425	7.4508	1.9646	0.0393	2.0039		6,089.4407	6,089.4407	0.2453			6,094.5926
Total	1.5689	2.6836	24.3651	0.0800	7.4084	0.0425	7.4508	1.9646	0.0393	2.0039		6,089.4407	6,089.4407	0.2453			6,094.5926

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4485	281.4485	0.0267			282.0102
Total	97.8334	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4485	281.4485	0.0267			282.0102

3.5 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.5689	2.6836	24.3651	0.0800	7.4084	0.0425	7.4508	1.9646	0.0393	2.0039		6,089.4407	6,089.4407	0.2453			6,094.5926
Total	1.5689	2.6836	24.3651	0.0800	7.4084	0.0425	7.4508	1.9646	0.0393	2.0039		6,089.4407	6,089.4407	0.2453			6,094.5926

3.5 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238			281.9473
Total	98.0702	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238			281.9473

3.5 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.4370	2.4694	22.4748	0.0799	7.4084	0.0425	7.4509	1.9646	0.0394	2.0041		5,862.5795	5,862.5795	0.2311			5,867.4329
Total	1.4370	2.4694	22.4748	0.0799	7.4084	0.0425	7.4509	1.9646	0.0394	2.0041		5,862.5795	5,862.5795	0.2311			5,867.4329

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0238			281.9473
Total	97.8334	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0238			281.9473

3.5 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.4370	2.4694	22.4748	0.0799	7.4084	0.0425	7.4509	1.9646	0.0394	2.0041		5,862.5795	5,862.5795	0.2311		5,867.4329
Total	1.4370	2.4694	22.4748	0.0799	7.4084	0.0425	7.4509	1.9646	0.0394	2.0041		5,862.5795	5,862.5795	0.2311		5,867.4329

3.5 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	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057
Total	98.0459	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057

3.5 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.3378	2.2957	20.8877	0.0799	7.4084	0.0429	7.4512	1.9646	0.0398	2.0044		5,629.5145	5,629.5145	0.2195			5,634.1244
Total	1.3378	2.2957	20.8877	0.0799	7.4084	0.0429	7.4512	1.9646	0.0398	2.0044		5,629.5145	5,629.5145	0.2195			5,634.1244

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218			281.9057
Total	97.8334	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218			281.9057

3.5 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.3378	2.2957	20.8877	0.0799	7.4084	0.0429	7.4512	1.9646	0.0398	2.0044		5,629.5145	5,629.5145	0.2195		5,634.1244
Total	1.3378	2.2957	20.8877	0.0799	7.4084	0.0429	7.4512	1.9646	0.0398	2.0044		5,629.5145	5,629.5145	0.2195		5,634.1244

3.5 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	97.8037					0.0000	0.0000		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		281.4481	281.4481	0.0193		281.8537
Total	98.0226	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537

3.5 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.2664	2.1620	19.7001	0.0799	7.4084	0.0434	7.4517	1.9646	0.0402	2.0049		5,535.644 2	5,535.644 2	0.2106			5,540.066 5
Total	1.2664	2.1620	19.7001	0.0799	7.4084	0.0434	7.4517	1.9646	0.0402	2.0049		5,535.644 2	5,535.644 2	0.2106			5,540.066 5

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193			281.8537
Total	97.8334	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193			281.8537

3.5 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.2664	2.1620	19.7001	0.0799	7.4084	0.0434	7.4517	1.9646	0.0402	2.0049		5,535.644 2	5,535.644 2	0.2106			5,540.066 5
Total	1.2664	2.1620	19.7001	0.0799	7.4084	0.0434	7.4517	1.9646	0.0402	2.0049		5,535.644 2	5,535.644 2	0.2106			5,540.066 5

3.6 Paving - 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	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.253 0	2,160.253 0	0.6987			2,174.925 0
Paving	0.0790					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.3098	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.253 0	2,160.253 0	0.6987			2,174.925 0

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0328	0.0559	0.5095	2.0700e-003	0.1916	1.1200e-003	0.1927	0.0508	1.0400e-003	0.0519		143.1632	143.1632	5.4500e-003			143.2776
Total	0.0328	0.0559	0.5095	2.0700e-003	0.1916	1.1200e-003	0.1927	0.0508	1.0400e-003	0.0519		143.1632	143.1632	5.4500e-003			143.2776

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.2745	1.1895	16.9276	0.0223		0.0366	0.0366		0.0366	0.0366	0.0000	2,160.2530	2,160.2530	0.6987			2,174.9250
Paving	0.0790					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	0.3535	1.1895	16.9276	0.0223		0.0366	0.0366		0.0366	0.0366	0.0000	2,160.2530	2,160.2530	0.6987			2,174.9250

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0328	0.0559	0.5095	2.0700e-003	0.1916	1.1200e-003	0.1927	0.0508	1.0400e-003	0.0519		143.1632	143.1632	5.4500e-003		143.2776
Total	0.0328	0.0559	0.5095	2.0700e-003	0.1916	1.1200e-003	0.1927	0.0508	1.0400e-003	0.0519		143.1632	143.1632	5.4500e-003		143.2776

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Elementary School	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Elementary School	14.70	6.60	6.60	65.00	30.00	5.00	63	25	12
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.60	21.00	36.40	86	11	3
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.463398	0.064518	0.187633	0.173123	0.059219	0.008287	0.013602	0.015435	0.001607	0.001273	0.007819	0.000576	0.003510

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Elementary School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	164.5679	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230
Unmitigated	164.5679	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	161.1576					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.4103	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274		204.0058	204.0058	0.1961		208.1230
Total	164.5679	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230

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			0.0000			0.0000
Consumer Products	161.1576					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.4103	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274		204.0058	204.0058	0.1961		208.1230
Total	164.5679	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Lincoln Village 5 - Area A Construction 2017-2022

Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	650.00	Student	12.00	54,342.19	0
Parking Lot	2.20	Acre	2.20	95,832.00	0
City Park	110.10	Acre	110.10	4,795,956.00	0
Single Family Housing	1,372.00	Dwelling Unit	470.80	2,469,600.00	3924
Strip Mall	115.00	1000sqft	6.70	115,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Construction phase information based on the Urban Decay/Fiscal analysis. Also assumed 25% of commercial use acreage would be paved.

Construction Phase - Adjusted Start/End dates to fit into the 5 year development for this Phase of Area A

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading - Approximately 599.6 acres disturbed for this Phase

Architectural Coating - Changed VOC to 100 g/L per PCAPCD recommendation

Vehicle Trips - Construction Only

Woodstoves - Construction Only

Consumer Products - Construction Only

Area Coating - Construction Only

Landscape Equipment - Construction Only

Energy Use - Construction Only

Water And Wastewater - Construction Only

Solid Waste - Construction Only

Construction Off-road Equipment Mitigation - Mitigation includes on-site fugitive dust control and Tier 4 engines.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	2,484,087.00	2,465,986.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	7,452,260.00	7,397,959.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,666,980.00	2,698,515.00
tblArchitecturalCoating	ConstArea_Residential_Interior	5,000,940.00	8,095,545.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	770.00	979.00
tblConstructionPhase	NumDays	10,850.00	1,023.00
tblConstructionPhase	NumDays	1,085.00	102.00
tblConstructionPhase	NumDays	770.00	73.00
tblConstructionPhase	NumDays	420.00	40.00
tblConstructionPhase	PhaseEndDate	3/20/2025	6/19/2021
tblConstructionPhase	PhaseEndDate	6/18/2021	6/19/2021
tblConstructionPhase	PhaseStartDate	6/20/2021	9/19/2017
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	0.88	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	5,098.84	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	5,933.76	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	729.62	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	26,218.01	0.00
tblEnergyUse	T24NG	11.93	0.00
tblFireplaces	NumberGas	754.60	0.00

tblFireplaces	NumberNoFireplace	137.20	0.00
tblFireplaces	NumberWood	480.20	0.00
tblGrading	AcresOfGrading	255.00	599.60
tblGrading	AcresOfGrading	0.00	599.60
tblLandUse	LotAcreage	1.25	12.00
tblLandUse	LotAcreage	445.45	470.80
tblLandUse	LotAcreage	2.64	6.70
tblProjectCharacteristics	OperationalYear	2014	2024
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	9.47	0.00
tblSolidWaste	SolidWasteGenerationRate	118.63	0.00
tblSolidWaste	SolidWasteGenerationRate	1,412.64	0.00
tblSolidWaste	SolidWasteGenerationRate	120.75	0.00
tblTripsAndVMT	VendorTripNumber	976.00	1,061.00
tblTripsAndVMT	WorkerTripNumber	2,608.00	2,899.00
tblTripsAndVMT	WorkerTripNumber	522.00	580.00
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	10.08	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	8.77	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	1.59	0.00
tblVehicleTrips	WD_TR	1.29	0.00
tblVehicleTrips	WD_TR	9.57	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	1,575,756.00	0.00
tblWater	IndoorWaterUseRate	89,391,323.15	0.00

tblWater	IndoorWaterUseRate	8,518,339.97	0.00
tblWater	OutdoorWaterUseRate	131,182,096.60	0.00
tblWater	OutdoorWaterUseRate	4,051,944.00	0.00
tblWater	OutdoorWaterUseRate	56,355,399.38	0.00
tblWater	OutdoorWaterUseRate	5,220,918.05	0.00
tblWoodstoves	NumberCatalytic	68.60	0.00
tblWoodstoves	NumberNoncatalytic	68.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	123.6406	121.9123	312.9421	0.8116	50.8354	3.4754	54.3108	13.6136	3.2452	16.8588	0.0000	69,229.9489	69,229.9489	2.4438	0.0000	69,281.2683
2018	120.7296	109.1494	282.3089	0.8108	50.8343	3.0618	53.8961	13.6132	2.8600	16.4732	0.0000	67,138.5914	67,138.5914	2.3051	0.0000	67,186.9982
2019	118.9696	99.1126	266.7775	0.8095	50.8347	2.7432	53.5779	13.6133	2.5617	16.1750	0.0000	65,171.6635	65,171.6635	2.2013	0.0000	65,217.8899
2020	117.5542	87.3504	252.9030	0.8091	50.8349	2.4399	53.2748	13.6134	2.2780	15.8914	0.0000	63,031.5893	63,031.5893	2.1151	0.0000	63,076.0061
2021	116.0294	75.4029	239.8692	0.8087	50.8353	2.1707	53.0061	13.6136	2.0259	15.6395	0.0000	62,353.6486	62,353.6486	2.0506	0.0000	62,396.7116
Total	596.9233	492.9276	1,354.8008	4.0496	254.1746	13.8911	268.0657	68.0669	12.9708	81.0377	0.0000	326,925.4417	326,925.4417	11.1158	0.0000	327,158.8741

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	164.5679	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	164.5679	1.3044	113.2336	5.9800e-003	0.0000	0.6274	0.6274	0.0000	0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230

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	164.5679	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	164.5679	1.3044	113.2336	5.9800e-003	0.0000	0.6274	0.6274	0.0000	0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2017	2/24/2017	5	40	
2	Grading	Grading	2/25/2017	7/18/2017	5	102	
3	Building Construction	Building Construction	7/19/2017	6/19/2021	5	1023	
4	Architectural Coating	Architectural Coating	9/19/2017	6/19/2021	5	979	
5	Paving	Paving	6/20/2021	9/29/2021	5	73	

Acres of Grading (Site Preparation Phase): 599.6

Acres of Grading (Grading Phase): 599.6

Acres of Paving: 0

Residential Indoor: 8,095,545; Residential Outdoor: 2,698,515; Non-Residential Indoor: 7,397,959; Non-Residential Outdoor: 2,465,986
(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
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	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
Building Construction	9	2,899.00	1,061.00	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
Architectural Coating	1	580.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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					33.9632	0.0000	33.9632	11.6472	0.0000	11.6472			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339		4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	33.9632	2.7542	36.7174	11.6472	2.5339	14.1811		4,003.0859	4,003.0859	1.2265		4,028.8432

3.2 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0650	0.0753	1.0184	2.8500e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		225.4322	225.4322	8.2400e-003			225.6051
Total	0.0650	0.0753	1.0184	2.8500e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		225.4322	225.4322	8.2400e-003			225.6051

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					14.5193	0.0000	14.5193	4.9792	0.0000	4.9792			0.0000			0.0000	
Off-Road	0.4757	2.0615	21.2415	0.0391		0.0634	0.0634		0.0634	0.0634	0.0000	4,003.0859	4,003.0859	1.2265			4,028.8432
Total	0.4757	2.0615	21.2415	0.0391	14.5193	0.0634	14.5827	4.9792	0.0634	5.0426	0.0000	4,003.0859	4,003.0859	1.2265			4,028.8432

3.2 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0650	0.0753	1.0184	2.8500e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		225.4322	225.4322	8.2400e-003			225.6051
Total	0.0650	0.0753	1.0184	2.8500e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		225.4322	225.4322	8.2400e-003			225.6051

3.3 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					12.2562	0.0000	12.2562	3.9834	0.0000	3.9834			0.0000				0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344			6,353.9915
Total	6.0991	69.5920	46.8050	0.0617	12.2562	3.3172	15.5734	3.9834	3.0518	7.0352		6,313.3690	6,313.3690	1.9344			6,353.9915

3.3 Grading - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0722	0.0836	1.1316	3.1700e-003	0.2555	1.4800e-003	0.2569	0.0678	1.3600e-003	0.0691		250.4802	250.4802	9.1500e-003		250.6724
Total	0.0722	0.0836	1.1316	3.1700e-003	0.2555	1.4800e-003	0.2569	0.0678	1.3600e-003	0.0691		250.4802	250.4802	9.1500e-003		250.6724

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.2395	0.0000	5.2395	1.7029	0.0000	1.7029			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.1009	0.1009		0.1009	0.1009	0.0000	6,313.3690	6,313.3690	1.9344		6,353.9915
Total	0.7564	3.2778	34.7787	0.0617	5.2395	0.1009	5.3404	1.7029	0.1009	1.8038	0.0000	6,313.3690	6,313.3690	1.9344		6,353.9915

3.3 Grading - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0722	0.0836	1.1316	3.1700e-003	0.2555	1.4800e-003	0.2569	0.0678	1.3600e-003	0.0691		250.4802	250.4802	9.1500e-003			250.6724
Total	0.0722	0.0836	1.1316	3.1700e-003	0.2555	1.4800e-003	0.2569	0.0678	1.3600e-003	0.0691		250.4802	250.4802	9.1500e-003			250.6724

3.4 Building Construction - 2017

Unmitigated Construction On-Site

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

3.4 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.8491	78.7761	96.1098	0.2301	6.3980	1.2635	7.6614	1.8292	1.1616	2.9908		22,737.66 32	22,737.66 32	0.1725			22,741.28 65
Worker	10.4603	12.1205	164.0198	0.4597	37.0290	0.2145	37.2435	9.8197	0.1978	10.0175		36,307.10 62	36,307.10 62	1.3265			36,334.96 17
Total	20.3094	90.8966	260.1296	0.6899	43.4270	1.4780	44.9050	11.6490	1.3593	13.0083		59,044.76 95	59,044.76 95	1.4990			59,076.24 82

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,639.805 3	2,639.805 3	0.6497			2,653.449 0
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,639.805 3	2,639.805 3	0.6497			2,653.449 0

3.4 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.8491	78.7761	96.1098	0.2301	6.3980	1.2635	7.6614	1.8292	1.1616	2.9908		22,737.66 32	22,737.66 32	0.1725		22,741.28 65
Worker	10.4603	12.1205	164.0198	0.4597	37.0290	0.2145	37.2435	9.8197	0.1978	10.0175		36,307.10 62	36,307.10 62	1.3265		36,334.96 17
Total	20.3094	90.8966	260.1296	0.6899	43.4270	1.4780	44.9050	11.6490	1.3593	13.0083		59,044.76 95	59,044.76 95	1.4990		59,076.24 82

3.4 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.939 0	2,609.939 0	0.6387		2,623.351 7
Total	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.939 0	2,609.939 0	0.6387		2,623.351 7

3.4 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.7468	70.7585	85.3849	0.2294	6.3969	1.1623	7.5593	1.8288	1.0690	2.8978		22,328.2208	22,328.2208	0.1681			22,331.7507
Worker	9.3426	10.9363	147.9391	0.4596	37.0290	0.2122	37.2412	9.8197	0.1964	10.0161		34,930.4778	34,930.4778	1.2262			34,956.2284
Total	18.0894	81.6948	233.3240	0.6890	43.4260	1.3745	44.8005	11.6485	1.2654	12.9139		57,258.6986	57,258.6986	1.3943			57,287.9790

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,609.9389	2,609.9389	0.6387			2,623.3517
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,609.9389	2,609.9389	0.6387			2,623.3517

3.4 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.7468	70.7585	85.3849	0.2294	6.3969	1.1623	7.5593	1.8288	1.0690	2.8978		22,328.2208	22,328.2208	0.1681			22,331.7507
Worker	9.3426	10.9363	147.9391	0.4596	37.0290	0.2122	37.2412	9.8197	0.1964	10.0161		34,930.4778	34,930.4778	1.2262			34,956.2284
Total	18.0894	81.6948	233.3240	0.6890	43.4260	1.3745	44.8005	11.6485	1.2654	12.9139		57,258.6986	57,258.6986	1.3943			57,287.9790

3.4 Building Construction - 2019

Unmitigated Construction On-Site

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

3.4 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.2137	64.2218	82.7145	0.2292	6.3973	1.0743	7.4716	1.8289	0.9881	2.8170		21,950.23 82	21,950.23 82	0.1633			21,953.66 77
Worker	8.6113	10.0747	137.5766	0.4588	37.0290	0.2126	37.2417	9.8197	0.1971	10.0168		33,630.74 61	33,630.74 61	1.1552			33,655.00 44
Total	16.8249	74.2965	220.2911	0.6879	43.4263	1.2869	44.7132	11.6487	1.1852	12.8339		55,580.98 43	55,580.98 43	1.3185			55,608.67 21

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,580.761 8	2,580.761 8	0.6279			2,593.947 9
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,580.761 8	2,580.761 8	0.6279			2,593.947 9

3.4 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.2137	64.2218	82.7145	0.2292	6.3973	1.0743	7.4716	1.8289	0.9881	2.8170		21,950.23 82	21,950.23 82	0.1633			21,953.66 77
Worker	8.6113	10.0747	137.5766	0.4588	37.0290	0.2126	37.2417	9.8197	0.1971	10.0168		33,630.74 61	33,630.74 61	1.1552			33,655.00 44
Total	16.8249	74.2965	220.2911	0.6879	43.4263	1.2869	44.7132	11.6487	1.1852	12.8339		55,580.98 43	55,580.98 43	1.3185			55,608.67 21

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.479 9	2,542.479 9	0.6194			2,555.488 0
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.479 9	2,542.479 9	0.6194			2,555.488 0

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	7.7579	55.3277	80.0150	0.2289	6.3975	0.9591	7.3565	1.8290	0.8822	2.7112		21,450.66 86	21,450.66 86	0.1571			21,453.96 78
Worker	8.0321	9.3786	128.5328	0.4587	37.0290	0.2142	37.2433	9.8197	0.1987	10.0184		32,295.63 72	32,295.63 72	1.0972			32,318.67 91
Total	15.7900	64.7063	208.5478	0.6876	43.4265	1.1733	44.5998	11.6487	1.0809	12.7296		53,746.30 58	53,746.30 58	1.2543			53,772.64 69

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,542.479 9	2,542.479 9	0.6194			2,555.488 0
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,542.479 9	2,542.479 9	0.6194			2,555.488 0

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	7.7579	55.3277	80.0150	0.2289	6.3975	0.9591	7.3565	1.8290	0.8822	2.7112		21,450.66 86	21,450.66 86	0.1571			21,453.96 78
Worker	8.0321	9.3786	128.5328	0.4587	37.0290	0.2142	37.2433	9.8197	0.1987	10.0184		32,295.63 72	32,295.63 72	1.0972			32,318.67 91
Total	15.7900	64.7063	208.5478	0.6876	43.4265	1.1733	44.5998	11.6487	1.0809	12.7296		53,746.30 58	53,746.30 58	1.2543			53,772.64 69

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.781 7	2,542.781 7	0.6126			2,555.646 2
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.781 7	2,542.781 7	0.6126			2,555.646 2

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	6.9872	45.9264	75.4713	0.2284	6.3979	0.8616	7.2595	1.8292	0.7927	2.6219		21,417.10 92	21,417.10 92	0.1556			21,420.37 61
Worker	7.6050	8.8407	121.6953	0.4587	37.0290	0.2168	37.2458	9.8197	0.2011	10.0208		31,758.43 22	31,758.43 22	1.0526			31,780.53 60
Total	14.5922	54.7671	197.1666	0.6871	43.4270	1.0784	44.5054	11.6489	0.9938	12.6427		53,175.54 14	53,175.54 14	1.2081			53,200.91 21

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,542.781 7	2,542.781 7	0.6126			2,555.646 2
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,542.781 7	2,542.781 7	0.6126			2,555.646 2

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	6.9872	45.9264	75.4713	0.2284	6.3979	0.8616	7.2595	1.8292	0.7927	2.6219		21,417.10 92	21,417.10 92	0.1556			21,420.37 61
Worker	7.6050	8.8407	121.6953	0.4587	37.0290	0.2168	37.2458	9.8197	0.2011	10.0208		31,758.43 22	31,758.43 22	1.0526			31,780.53 60
Total	14.5922	54.7671	197.1666	0.6871	43.4270	1.0784	44.5054	11.6489	0.9938	12.6427		53,175.54 14	53,175.54 14	1.2081			53,200.91 21

3.5 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297			282.0721
Total	98.1360	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297			282.0721

3.5 Architectural Coating - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	2.0928	2.4249	32.8153	0.0920	7.4084	0.0429	7.4513	1.9646	0.0396	2.0042		7,263.926 1	7,263.926 1	0.2654			7,269.499 1
Total	2.0928	2.4249	32.8153	0.0920	7.4084	0.0429	7.4513	1.9646	0.0396	2.0042		7,263.926 1	7,263.926 1	0.2654			7,269.499 1

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0297			282.0721
Total	97.8334	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0297			282.0721

3.5 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	2.0928	2.4249	32.8153	0.0920	7.4084	0.0429	7.4513	1.9646	0.0396	2.0042		7,263.926 1	7,263.926 1	0.2654			7,269.499 1
Total	2.0928	2.4249	32.8153	0.0920	7.4084	0.0429	7.4513	1.9646	0.0396	2.0042		7,263.926 1	7,263.926 1	0.2654			7,269.499 1

3.5 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267			282.0102
Total	98.1024	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267			282.0102

3.5 Architectural Coating - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.8692	2.1880	29.5980	0.0920	7.4084	0.0425	7.4508	1.9646	0.0393	2.0039		6,988.505 4	6,988.505 4	0.2453			6,993.657 3
Total	1.8692	2.1880	29.5980	0.0920	7.4084	0.0425	7.4508	1.9646	0.0393	2.0039		6,988.505 4	6,988.505 4	0.2453			6,993.657 3

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4485	281.4485	0.0267			282.0102
Total	97.8334	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4485	281.4485	0.0267			282.0102

3.5 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.8692	2.1880	29.5980	0.0920	7.4084	0.0425	7.4508	1.9646	0.0393	2.0039		6,988.505 4	6,988.505 4	0.2453			6,993.657 3
Total	1.8692	2.1880	29.5980	0.0920	7.4084	0.0425	7.4508	1.9646	0.0393	2.0039		6,988.505 4	6,988.505 4	0.2453			6,993.657 3

3.5 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238			281.9473
Total	98.0702	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238			281.9473

3.5 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.7229	2.0156	27.5248	0.0918	7.4084	0.0425	7.4509	1.9646	0.0394	2.0041		6,728.469 4	6,728.469 4	0.2311			6,733.322 7
Total	1.7229	2.0156	27.5248	0.0918	7.4084	0.0425	7.4509	1.9646	0.0394	2.0041		6,728.469 4	6,728.469 4	0.2311			6,733.322 7

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0238			281.9473
Total	97.8334	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0238			281.9473

3.5 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.7229	2.0156	27.5248	0.0918	7.4084	0.0425	7.4509	1.9646	0.0394	2.0041		6,728.469 4	6,728.469 4	0.2311		6,733.322 7
Total	1.7229	2.0156	27.5248	0.0918	7.4084	0.0425	7.4509	1.9646	0.0394	2.0041		6,728.469 4	6,728.469 4	0.2311		6,733.322 7

3.5 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	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057
Total	98.0459	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057

3.5 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.6070	1.8764	25.7154	0.0918	7.4084	0.0429	7.4512	1.9646	0.0398	2.0044		6,461.3555	6,461.3555	0.2195			6,465.9655
Total	1.6070	1.8764	25.7154	0.0918	7.4084	0.0429	7.4512	1.9646	0.0398	2.0044		6,461.3555	6,461.3555	0.2195			6,465.9655

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218			281.9057
Total	97.8334	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218			281.9057

3.5 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.6070	1.8764	25.7154	0.0918	7.4084	0.0429	7.4512	1.9646	0.0398	2.0044		6,461.3555	6,461.3555	0.2195			6,465.9655
Total	1.6070	1.8764	25.7154	0.0918	7.4084	0.0429	7.4512	1.9646	0.0398	2.0044		6,461.3555	6,461.3555	0.2195			6,465.9655

3.5 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	97.8037					0.0000	0.0000		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		281.4481	281.4481	0.0193			281.8537
Total	98.0226	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193			281.8537

3.5 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.5215	1.7687	24.3475	0.0918	7.4084	0.0434	7.4517	1.9646	0.0402	2.0049		6,353.877 4	6,353.877 4	0.2106			6,358.299 7
Total	1.5215	1.7687	24.3475	0.0918	7.4084	0.0434	7.4517	1.9646	0.0402	2.0049		6,353.877 4	6,353.877 4	0.2106			6,358.299 7

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	97.8037					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193			281.8537
Total	97.8334	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193			281.8537

3.5 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.5215	1.7687	24.3475	0.0918	7.4084	0.0434	7.4517	1.9646	0.0402	2.0049		6,353.877 4	6,353.877 4	0.2106			6,358.299 7
Total	1.5215	1.7687	24.3475	0.0918	7.4084	0.0434	7.4517	1.9646	0.0402	2.0049		6,353.877 4	6,353.877 4	0.2106			6,358.299 7

3.6 Paving - 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	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.253 0	2,160.253 0	0.6987			2,174.925 0
Paving	0.0790					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.3098	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.253 0	2,160.253 0	0.6987			2,174.925 0

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0394	0.0457	0.6297	2.3700e-003	0.1916	1.1200e-003	0.1927	0.0508	1.0400e-003	0.0519		164.3244	164.3244	5.4500e-003			164.4388
Total	0.0394	0.0457	0.6297	2.3700e-003	0.1916	1.1200e-003	0.1927	0.0508	1.0400e-003	0.0519		164.3244	164.3244	5.4500e-003			164.4388

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.2745	1.1895	16.9276	0.0223		0.0366	0.0366		0.0366	0.0366	0.0000	2,160.2530	2,160.2530	0.6987			2,174.9250
Paving	0.0790					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	0.3535	1.1895	16.9276	0.0223		0.0366	0.0366		0.0366	0.0366	0.0000	2,160.2530	2,160.2530	0.6987			2,174.9250

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0394	0.0457	0.6297	2.3700e-003	0.1916	1.1200e-003	0.1927	0.0508	1.0400e-003	0.0519		164.3244	164.3244	5.4500e-003		164.4388
Total	0.0394	0.0457	0.6297	2.3700e-003	0.1916	1.1200e-003	0.1927	0.0508	1.0400e-003	0.0519		164.3244	164.3244	5.4500e-003		164.4388

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Elementary School	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Elementary School	14.70	6.60	6.60	65.00	30.00	5.00	63	25	12
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.60	21.00	36.40	86	11	3
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.463398	0.064518	0.187633	0.173123	0.059219	0.008287	0.013602	0.015435	0.001607	0.001273	0.007819	0.000576	0.003510

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Elementary School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	164.5679	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230
Unmitigated	164.5679	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	161.1576					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.4103	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274		204.0058	204.0058	0.1961		208.1230
Total	164.5679	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230

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			0.0000			0.0000
Consumer Products	161.1576					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.4103	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274		204.0058	204.0058	0.1961		208.1230
Total	164.5679	1.3044	113.2336	5.9800e-003		0.6274	0.6274		0.6274	0.6274	0.0000	204.0058	204.0058	0.1961	0.0000	208.1230

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

**CalEEMod Model Construction Results – Annual, Summer, Winter, Mitigation
Report**

Area A (Years 2022-2024)

Lincoln Village 5 - Area A Construction 2022-2024
Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	40.60	1000sqft	0.98	40,600.00	0
Parking Lot	25.00	Acre	25.00	1,089,000.00	0
Regional Shopping Center	751.90	1000sqft	59.60	751,900.00	0
Strip Mall	227.10	1000sqft	17.50	227,100.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2024
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 information based on the Urban Decay/Fiscal analysis. Also assumed 25% of retail use acreage would be paved.

Construction Phase - Adjusted Start/End dates to fit into the 2 year development for this Phase of Area A

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading - Approximately 101 acres disturbed for this Phase

Architectural Coating - Changed VOC to 100 g/L per PCAPCD recommendation

Vehicle Trips - Construction Only

Woodstoves - Construction Only

Consumer Products - Construction Only

Area Coating - Construction Only

Landscape Equipment - Construction Only

Energy Use - Construction Only

Water And Wastewater - Construction Only

Solid Waste - Construction Only

Construction Off-road Equipment Mitigation - Mitigation includes on-site fugitive dust control, 20% NOx reduction, and Level 2 DPF (for 45% PM10 exh reduction)

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	220.00	366.00
tblConstructionPhase	NumDays	3,100.00	409.00
tblConstructionPhase	NumDays	310.00	41.00
tblConstructionPhase	NumDays	220.00	29.00

tblConstructionPhase	NumDays	120.00	16.00
tblConstructionPhase	PhaseEndDate	3/11/2025	10/16/2023
tblConstructionPhase	PhaseEndDate	11/24/2023	11/25/2023
tblConstructionPhase	PhaseStartDate	10/17/2023	5/23/2022
tblEnergyUse	LightingElect	3.64	0.00
tblEnergyUse	LightingElect	0.88	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	NT24E	4.35	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	T24E	3.66	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24NG	11.48	0.00
tblEnergyUse	T24NG	11.93	0.00
tblEnergyUse	T24NG	11.93	0.00
tblGrading	AcresOfGrading	102.50	101.00
tblGrading	AcresOfGrading	0.00	101.00
tblLandUse	LotAcreage	0.93	0.98
tblLandUse	LotAcreage	17.26	59.60
tblLandUse	LotAcreage	5.21	17.50
tblProjectCharacteristics	OperationalYear	2014	2024
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	37.76	0.00
tblSolidWaste	SolidWasteGenerationRate	789.50	0.00

tblSolidWaste	SolidWasteGenerationRate	238.46	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	42.94	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	7,215,990.17	0.00
tblWater	IndoorWaterUseRate	55,695,128.90	0.00
tblWater	IndoorWaterUseRate	16,821,869.63	0.00
tblWater	OutdoorWaterUseRate	4,422,703.65	0.00
tblWater	OutdoorWaterUseRate	34,135,724.17	0.00
tblWater	OutdoorWaterUseRate	10,310,178.16	0.00

2.0 Emissions Summary

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	8.2360	9.0000e-005	9.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0197
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.2360	9.0000e-005	9.5800e-003	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0197

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	8.2360	9.0000e-005	9.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0197
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.2360	9.0000e-005	9.5800e-003	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0197

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2022	1/24/2022	5	16	
2	Grading	Grading	1/25/2022	3/22/2022	5	41	
3	Building Construction	Building Construction	3/23/2022	10/16/2023	5	409	
4	Architectural Coating	Architectural Coating	5/23/2022	10/16/2023	5	366	
5	Paving	Paving	10/17/2023	11/25/2023	5	29	

Acres of Grading (Site Preparation Phase): 101

Acres of Grading (Grading Phase): 101

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,578,405; Non-Residential Outdoor: 526,135 (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
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	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
Building Construction	9	784.00	346.00	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
Architectural Coating	1	157.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1981	0.0000	0.1981	0.0852	0.0000	0.0852	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0258	0.2612	0.2398	3.1000e-004		0.0124	0.0124		0.0114	0.0114	0.0000	27.5186	27.5186	8.9000e-003	0.0000	27.7055
Total	0.0258	0.2612	0.2398	3.1000e-004	0.1981	0.0124	0.2105	0.0852	0.0114	0.0966	0.0000	27.5186	27.5186	8.9000e-003	0.0000	27.7055

3.2 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9000e-004	4.6000e-004	4.7000e-003	2.0000e-005	1.7600e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.2660	1.2660	5.0000e-005	0.0000	1.2670
Total	2.9000e-004	4.6000e-004	4.7000e-003	2.0000e-005	1.7600e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.2660	1.2660	5.0000e-005	0.0000	1.2670

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0847	0.0000	0.0847	0.0364	0.0000	0.0364	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8100e-003	0.0165	0.1699	3.1000e-004		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004	0.0000	27.5186	27.5186	8.9000e-003	0.0000	27.7055
Total	3.8100e-003	0.0165	0.1699	3.1000e-004	0.0847	5.1000e-004	0.0852	0.0364	5.1000e-004	0.0370	0.0000	27.5186	27.5186	8.9000e-003	0.0000	27.7055

3.2 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9000e-004	4.6000e-004	4.7000e-003	2.0000e-005	1.7600e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.2660	1.2660	5.0000e-005	0.0000	1.2670
Total	2.9000e-004	4.6000e-004	4.7000e-003	2.0000e-005	1.7600e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.2660	1.2660	5.0000e-005	0.0000	1.2670

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1770	0.0000	0.1770	0.0736	0.0000	0.0736	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0772	0.7878	0.7195	1.2700e-003		0.0354	0.0354		0.0326	0.0326	0.0000	111.3001	111.3001	0.0360	0.0000	112.0560
Total	0.0772	0.7878	0.7195	1.2700e-003	0.1770	0.0354	0.2124	0.0736	0.0326	0.1062	0.0000	111.3001	111.3001	0.0360	0.0000	112.0560

3.3 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	1.3000e-003	0.0134	6.0000e-005	5.0100e-003	3.0000e-005	5.0400e-003	1.3300e-003	3.0000e-005	1.3600e-003	0.0000	3.6047	3.6047	1.3000e-004	0.0000	3.6074
Total	8.3000e-004	1.3000e-003	0.0134	6.0000e-005	5.0100e-003	3.0000e-005	5.0400e-003	1.3300e-003	3.0000e-005	1.3600e-003	0.0000	3.6047	3.6047	1.3000e-004	0.0000	3.6074

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0757	0.0000	0.0757	0.0315	0.0000	0.0315	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0155	0.0672	0.7130	1.2700e-003		2.0700e-003	2.0700e-003		2.0700e-003	2.0700e-003	0.0000	111.2999	111.2999	0.0360	0.0000	112.0559
Total	0.0155	0.0672	0.7130	1.2700e-003	0.0757	2.0700e-003	0.0777	0.0315	2.0700e-003	0.0336	0.0000	111.2999	111.2999	0.0360	0.0000	112.0559

3.3 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	1.3000e-003	0.0134	6.0000e-005	5.0100e-003	3.0000e-005	5.0400e-003	1.3300e-003	3.0000e-005	1.3600e-003	0.0000	3.6047	3.6047	1.3000e-004	0.0000	3.6074
Total	8.3000e-004	1.3000e-003	0.0134	6.0000e-005	5.0100e-003	3.0000e-005	5.0400e-003	1.3300e-003	3.0000e-005	1.3600e-003	0.0000	3.6047	3.6047	1.3000e-004	0.0000	3.6074

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1725	1.5769	1.6573	2.7200e-003		0.0818	0.0818		0.0770	0.0770	0.0000	234.2266	234.2266	0.0560	0.0000	235.4032
Total	0.1725	1.5769	1.6573	2.7200e-003		0.0818	0.0818		0.0770	0.0770	0.0000	234.2266	234.2266	0.0560	0.0000	235.4032

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2386	1.4179	3.2652	7.5400e-003	0.2040	0.0281	0.2321	0.0587	0.0259	0.0845	0.0000	640.2524	640.2524	4.8100e-003	0.0000	640.3534
Worker	0.1616	0.2531	2.5966	0.0113	0.9716	6.0300e-003	0.9777	0.2586	5.5900e-003	0.2641	0.0000	699.6251	699.6251	0.0253	0.0000	700.1556
Total	0.4002	1.6709	5.8618	0.0188	1.1757	0.0341	1.2098	0.3172	0.0314	0.3486	0.0000	1,339.8776	1,339.8776	0.0301	0.0000	1,340.5090

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0331	0.2262	1.7672	2.7200e-003		4.1200e-003	4.1200e-003		4.1200e-003	4.1200e-003	0.0000	234.2263	234.2263	0.0560	0.0000	235.4030
Total	0.0331	0.2262	1.7672	2.7200e-003		4.1200e-003	4.1200e-003		4.1200e-003	4.1200e-003	0.0000	234.2263	234.2263	0.0560	0.0000	235.4030

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2386	1.4179	3.2652	7.5400e-003	0.2040	0.0281	0.2321	0.0587	0.0259	0.0845	0.0000	640.2524	640.2524	4.8100e-003	0.0000	640.3534
Worker	0.1616	0.2531	2.5966	0.0113	0.9716	6.0300e-003	0.9777	0.2586	5.5900e-003	0.2641	0.0000	699.6251	699.6251	0.0253	0.0000	700.1556
Total	0.4002	1.6709	5.8618	0.0188	1.1757	0.0341	1.2098	0.3172	0.0314	0.3486	0.0000	1,339.8776	1,339.8776	0.0301	0.0000	1,340.5090

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1613	1.4742	1.6696	2.7600e-003		0.0718	0.0718		0.0675	0.0675	0.0000	237.7700	237.7700	0.0565	0.0000	238.9560
Total	0.1613	1.4742	1.6696	2.7600e-003		0.0718	0.0718		0.0675	0.0675	0.0000	237.7700	237.7700	0.0565	0.0000	238.9560

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2314	1.2926	3.2386	7.6400e-003	0.2071	0.0267	0.2338	0.0595	0.0246	0.0841	0.0000	648.9404	648.9404	4.6200e-003	0.0000	649.0375
Worker	0.1562	0.2443	2.5086	0.0115	0.9860	6.1900e-003	0.9922	0.2624	5.7400e-003	0.2681	0.0000	700.0317	700.0317	0.0248	0.0000	700.5523
Total	0.3876	1.5369	5.7472	0.0191	1.1931	0.0329	1.2260	0.3219	0.0303	0.3522	0.0000	1,348.9721	1,348.9721	0.0294	0.0000	1,349.5898

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0336	0.2296	1.7933	2.7600e-003		4.1800e-003	4.1800e-003		4.1800e-003	4.1800e-003	0.0000	237.7697	237.7697	0.0565	0.0000	238.9557
Total	0.0336	0.2296	1.7933	2.7600e-003		4.1800e-003	4.1800e-003		4.1800e-003	4.1800e-003	0.0000	237.7697	237.7697	0.0565	0.0000	238.9557

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2314	1.2926	3.2386	7.6400e-003	0.2071	0.0267	0.2338	0.0595	0.0246	0.0841	0.0000	648.9404	648.9404	4.6200e-003	0.0000	649.0375
Worker	0.1562	0.2443	2.5086	0.0115	0.9860	6.1900e-003	0.9922	0.2624	5.7400e-003	0.2681	0.0000	700.0317	700.0317	0.0248	0.0000	700.5523
Total	0.3876	1.5369	5.7472	0.0191	1.1931	0.0329	1.2260	0.3219	0.0303	0.3522	0.0000	1,348.9721	1,348.9721	0.0294	0.0000	1,349.5898

3.5 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	2.1321					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0164	0.1127	0.1451	2.4000e-004		6.5400e-003	6.5400e-003		6.5400e-003	6.5400e-003	0.0000	20.4260	20.4260	1.3300e-003	0.0000	20.4540
Total	2.1485	0.1127	0.1451	2.4000e-004		6.5400e-003	6.5400e-003		6.5400e-003	6.5400e-003	0.0000	20.4260	20.4260	1.3300e-003	0.0000	20.4540

3.5 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0255	0.0400	0.4098	1.7800e-003	0.1534	9.5000e-004	0.1543	0.0408	8.8000e-004	0.0417	0.0000	110.4264	110.4264	3.9900e-003	0.0000	110.5101
Total	0.0255	0.0400	0.4098	1.7800e-003	0.1534	9.5000e-004	0.1543	0.0408	8.8000e-004	0.0417	0.0000	110.4264	110.4264	3.9900e-003	0.0000	110.5101

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.1321					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3800e-003	0.0103	0.1466	2.4000e-004		3.2000e-004	3.2000e-004		3.2000e-004	3.2000e-004	0.0000	20.4260	20.4260	1.3300e-003	0.0000	20.4539
Total	2.1345	0.0103	0.1466	2.4000e-004		3.2000e-004	3.2000e-004		3.2000e-004	3.2000e-004	0.0000	20.4260	20.4260	1.3300e-003	0.0000	20.4539

3.5 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0255	0.0400	0.4098	1.7800e-003	0.1534	9.5000e-004	0.1543	0.0408	8.8000e-004	0.0417	0.0000	110.4264	110.4264	3.9900e-003	0.0000	110.5101
Total	0.0255	0.0400	0.4098	1.7800e-003	0.1534	9.5000e-004	0.1543	0.0408	8.8000e-004	0.0417	0.0000	110.4264	110.4264	3.9900e-003	0.0000	110.5101

3.5 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	2.7451					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0197	0.1342	0.1865	3.1000e-004		7.2900e-003	7.2900e-003		7.2900e-003	7.2900e-003	0.0000	26.2985	26.2985	1.5700e-003	0.0000	26.3316
Total	2.7649	0.1342	0.1865	3.1000e-004		7.2900e-003	7.2900e-003		7.2900e-003	7.2900e-003	0.0000	26.2985	26.2985	1.5700e-003	0.0000	26.3316

3.5 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0313	0.0489	0.5024	2.3000e-003	0.1975	1.2400e-003	0.1987	0.0525	1.1500e-003	0.0537	0.0000	140.1849	140.1849	4.9600e-003	0.0000	140.2892
Total	0.0313	0.0489	0.5024	2.3000e-003	0.1975	1.2400e-003	0.1987	0.0525	1.1500e-003	0.0537	0.0000	140.1849	140.1849	4.9600e-003	0.0000	140.2892

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.7451					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0600e-003	0.0133	0.1887	3.1000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	26.2985	26.2985	1.5700e-003	0.0000	26.3315
Total	2.7482	0.0133	0.1887	3.1000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	26.2985	26.2985	1.5700e-003	0.0000	26.3315

3.5 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0313	0.0489	0.5024	2.3000e-003	0.1975	1.2400e-003	0.1987	0.0525	1.1500e-003	0.0537	0.0000	140.1849	140.1849	4.9600e-003	0.0000	140.2892
Total	0.0313	0.0489	0.5024	2.3000e-003	0.1975	1.2400e-003	0.1987	0.0525	1.1500e-003	0.0537	0.0000	140.1849	140.1849	4.9600e-003	0.0000	140.2892

3.6 Paving - 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	0.0147	0.1450	0.2071	3.2000e-004		7.2600e-003	7.2600e-003		6.6800e-003	6.6800e-003	0.0000	28.4211	28.4211	9.1900e-003	0.0000	28.6141
Paving	0.0328					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0474	0.1450	0.2071	3.2000e-004		7.2600e-003	7.2600e-003		6.6800e-003	6.6800e-003	0.0000	28.4211	28.4211	9.1900e-003	0.0000	28.6141

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-004	6.6000e-004	6.7600e-003	3.0000e-005	2.6600e-003	2.0000e-005	2.6700e-003	7.1000e-004	2.0000e-005	7.2000e-004	0.0000	1.8855	1.8855	7.0000e-005	0.0000	1.8869
Total	4.2000e-004	6.6000e-004	6.7600e-003	3.0000e-005	2.6600e-003	2.0000e-005	2.6700e-003	7.1000e-004	2.0000e-005	7.2000e-004	0.0000	1.8855	1.8855	7.0000e-005	0.0000	1.8869

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.9800e-003	0.0173	0.2455	3.2000e-004		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	28.4211	28.4211	9.1900e-003	0.0000	28.6141
Paving	0.0328					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0367	0.0173	0.2455	3.2000e-004		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	28.4211	28.4211	9.1900e-003	0.0000	28.6141

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Office Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Office Park	14.70	6.60	6.60	33.00	48.00	19.00	82	15	3
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Regional Shopping Center	14.70	6.60	6.60	16.30	64.70	19.00	54	35	11
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.463398	0.064518	0.187633	0.173123	0.059219	0.008287	0.013602	0.015435	0.001607	0.001273	0.007819	0.000576	0.003510

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Office Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Office Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	8.2360	9.0000e-005	9.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0197
Unmitigated	8.2360	9.0000e-005	9.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0197

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	8.2351					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.8000e-004	9.0000e-005	9.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0197
Total	8.2360	9.0000e-005	9.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0197

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	8.2351					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.8000e-004	9.0000e-005	9.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0197
Total	8.2360	9.0000e-005	9.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0197

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Office Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Office Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Office Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Office Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

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

Lincoln Village 5 - Area A Construction 2022-2024
Placer-Sacramento County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	40.60	1000sqft	0.98	40,600.00	0
Parking Lot	25.00	Acre	25.00	1,089,000.00	0
Regional Shopping Center	751.90	1000sqft	59.60	751,900.00	0
Strip Mall	227.10	1000sqft	17.50	227,100.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2024
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 information based on the Urban Decay/Fiscal analysis. Also assumed 25% of retail use acreage would be paved.

Construction Phase - Adjusted Start/End dates to fit into the 2 year development for this Phase of Area A

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading - Approximately 101 acres disturbed for this Phase

Architectural Coating - Changed VOC to 100 g/L per PCAPCD recommendation

Vehicle Trips - Construction Only

Woodstoves - Construction Only

Consumer Products - Construction Only

Area Coating - Construction Only

Landscape Equipment - Construction Only

Energy Use - Construction Only

Water And Wastewater - Construction Only

Solid Waste - Construction Only

Construction Off-road Equipment Mitigation - Mitigation includes on-site fugitive dust control, 20% NOx reduction, and Level 2 DPF (for 45% PM10 exh reduction)

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	220.00	366.00
tblConstructionPhase	NumDays	3,100.00	409.00
tblConstructionPhase	NumDays	310.00	41.00
tblConstructionPhase	NumDays	220.00	29.00

tblConstructionPhase	NumDays	120.00	16.00
tblConstructionPhase	PhaseEndDate	3/11/2025	10/16/2023
tblConstructionPhase	PhaseEndDate	11/24/2023	11/25/2023
tblConstructionPhase	PhaseStartDate	10/17/2023	5/23/2022
tblEnergyUse	LightingElect	3.64	0.00
tblEnergyUse	LightingElect	0.88	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	NT24E	4.35	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	T24E	3.66	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24NG	11.48	0.00
tblEnergyUse	T24NG	11.93	0.00
tblEnergyUse	T24NG	11.93	0.00
tblGrading	AcresOfGrading	102.50	101.00
tblGrading	AcresOfGrading	0.00	101.00
tblLandUse	LotAcreage	0.93	0.98
tblLandUse	LotAcreage	17.26	59.60
tblLandUse	LotAcreage	5.21	17.50
tblProjectCharacteristics	OperationalYear	2014	2024
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	37.76	0.00
tblSolidWaste	SolidWasteGenerationRate	789.50	0.00

tblSolidWaste	SolidWasteGenerationRate	238.46	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	42.94	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	7,215,990.17	0.00
tblWater	IndoorWaterUseRate	55,695,128.90	0.00
tblWater	IndoorWaterUseRate	16,821,869.63	0.00
tblWater	OutdoorWaterUseRate	4,422,703.65	0.00
tblWater	OutdoorWaterUseRate	34,135,724.17	0.00
tblWater	OutdoorWaterUseRate	10,310,178.16	0.00

2.0 Emissions Summary

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	45.1339	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	45.1339	9.7000e-004	0.1065	1.0000e-005	0.0000	3.8000e-004	3.8000e-004	0.0000	3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004	0.0000	0.2412

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	45.1339	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	45.1339	9.7000e-004	0.1065	1.0000e-005	0.0000	3.8000e-004	3.8000e-004	0.0000	3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004	0.0000	0.2412

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2022	1/24/2022	5	16	
2	Grading	Grading	1/25/2022	3/22/2022	5	41	
3	Building Construction	Building Construction	3/23/2022	10/16/2023	5	409	
4	Architectural Coating	Architectural Coating	5/23/2022	10/16/2023	5	366	
5	Paving	Paving	10/17/2023	11/25/2023	5	29	

Acres of Grading (Site Preparation Phase): 101

Acres of Grading (Grading Phase): 101

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,578,405; Non-Residential Outdoor: 526,135 (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
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	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
Building Construction	9	784.00	346.00	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
Architectural Coating	1	157.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					24.7607	0.0000	24.7607	10.6535	0.0000	10.6535			0.0000			0.0000
Off-Road	3.2212	32.6496	29.9722	0.0391		1.5473	1.5473		1.4236	1.4236		3,791.755 2	3,791.755 2	1.2263		3,817.508 1
Total	3.2212	32.6496	29.9722	0.0391	24.7607	1.5473	26.3080	10.6535	1.4236	12.0771		3,791.755 2	3,791.755 2	1.2263		3,817.508 1

3.2 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0374	0.0636	0.5795	2.4800e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2600e-003	0.0622		169.1587	169.1587	6.3000e-003			169.2910
Total	0.0374	0.0636	0.5795	2.4800e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2600e-003	0.0622		169.1587	169.1587	6.3000e-003			169.2910

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					10.5852	0.0000	10.5852	4.5544	0.0000	4.5544			0.0000			0.0000	
Off-Road	0.4757	2.0615	21.2415	0.0391		0.0634	0.0634		0.0634	0.0634	0.0000	3,791.755 2	3,791.755 2	1.2263			3,817.508 1
Total	0.4757	2.0615	21.2415	0.0391	10.5852	0.0634	10.6486	4.5544	0.0634	4.6178	0.0000	3,791.755 2	3,791.755 2	1.2263			3,817.508 1

3.2 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0636	0.5795	2.4800e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2600e-003	0.0622		169.1587	169.1587	6.3000e-003		169.2910
Total	0.0374	0.0636	0.5795	2.4800e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2600e-003	0.0622		169.1587	169.1587	6.3000e-003		169.2910

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6345	0.0000	8.6345	3.5923	0.0000	3.5923			0.0000			0.0000
Off-Road	3.7643	38.4288	35.0957	0.0618		1.7274	1.7274		1.5892	1.5892		5,984.7478	5,984.7478	1.9356		6,025.3952
Total	3.7643	38.4288	35.0957	0.0618	8.6345	1.7274	10.3619	3.5923	1.5892	5.1815		5,984.7478	5,984.7478	1.9356		6,025.3952

3.3 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0415	0.0706	0.6438	2.7500e-003	0.2555	1.5100e-003	0.2570	0.0678	1.4100e-003	0.0692		187.9541	187.9541	7.0000e-003		188.1011
Total	0.0415	0.0706	0.6438	2.7500e-003	0.2555	1.5100e-003	0.2570	0.0678	1.4100e-003	0.0692		187.9541	187.9541	7.0000e-003		188.1011

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.6913	0.0000	3.6913	1.5357	0.0000	1.5357			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0618		0.1009	0.1009		0.1009	0.1009	0.0000	5,984.7478	5,984.7478	1.9356		6,025.3952
Total	0.7564	3.2778	34.7787	0.0618	3.6913	0.1009	3.7921	1.5357	0.1009	1.6366	0.0000	5,984.7478	5,984.7478	1.9356		6,025.3952

3.3 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0415	0.0706	0.6438	2.7500e-003	0.2555	1.5100e-003	0.2570	0.0678	1.4100e-003	0.0692		187.9541	187.9541	7.0000e-003		188.1011
Total	0.0415	0.0706	0.6438	2.7500e-003	0.2555	1.5100e-003	0.2570	0.0678	1.4100e-003	0.0692		187.9541	187.9541	7.0000e-003		188.1011

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.5794	14.1696	42.2051	0.0741	2.0866	0.2788	2.3654	0.5966	0.2565	0.8531		6,918.9646	6,918.9646	0.0533			6,920.0848
Worker	1.6270	2.7680	25.2386	0.1079	10.0141	0.0594	10.0735	2.6556	0.0551	2.7107		7,367.8009	7,367.8009	0.2743			7,373.5618
Total	4.2064	16.9376	67.4437	0.1820	12.1007	0.3382	12.4388	3.2522	0.3116	3.5638		14,286.7655	14,286.7655	0.3277			14,293.6465

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,543.7497	2,543.7497	0.6085			2,556.5286
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,543.7497	2,543.7497	0.6085			2,556.5286

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.5794	14.1696	42.2051	0.0741	2.0866	0.2788	2.3654	0.5966	0.2565	0.8531		6,918.9646	6,918.9646	0.0533			6,920.0848
Worker	1.6270	2.7680	25.2386	0.1079	10.0141	0.0594	10.0735	2.6556	0.0551	2.7107		7,367.8009	7,367.8009	0.2743			7,373.5618
Total	4.2064	16.9376	67.4437	0.1820	12.1007	0.3382	12.4388	3.2522	0.3116	3.5638		14,286.7655	14,286.7655	0.3277			14,293.6465

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.6262	2,544.6262	0.6044			2,557.3191
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.6262	2,544.6262	0.6044			2,557.3191

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.4653	12.7269	41.2916	0.0740	2.0868	0.2609	2.3476	0.5967	0.2400	0.8367		6,910.6078	6,910.6078	0.0506			6,911.6698
Worker	1.5488	2.6327	23.9846	0.1079	10.0141	0.0601	10.0742	2.6556	0.0558	2.7114		7,264.5627	7,264.5627	0.2653			7,270.1347
Total	4.0140	15.3596	65.2763	0.1819	12.1008	0.3210	12.4218	3.2523	0.2958	3.5481		14,175.1705	14,175.1705	0.3159			14,181.8044

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,544.6262	2,544.6262	0.6044			2,557.3191
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,544.6262	2,544.6262	0.6044			2,557.3191

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.4653	12.7269	41.2916	0.0740	2.0868	0.2609	2.3476	0.5967	0.2400	0.8367		6,910.6078	6,910.6078	0.0506			6,911.6698
Worker	1.5488	2.6327	23.9846	0.1079	10.0141	0.0601	10.0742	2.6556	0.0558	2.7114		7,264.5627	7,264.5627	0.2653			7,270.1347
Total	4.0140	15.3596	65.2763	0.1819	12.1008	0.3210	12.4218	3.2523	0.2958	3.5481		14,175.1705	14,175.1705	0.3159			14,181.8044

3.5 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	26.6518					0.0000	0.0000		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		281.4481	281.4481	0.0183			281.8329
Total	26.8563	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183			281.8329

3.5 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3258	0.5543	5.0542	0.0216	2.0054	0.0119	2.0173	0.5318	0.0110	0.5428		1,475.4397	1,475.4397	0.0549			1,476.5934
Total	0.3258	0.5543	5.0542	0.0216	2.0054	0.0119	2.0173	0.5318	0.0110	0.5428		1,475.4397	1,475.4397	0.0549			1,476.5934

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	26.6518					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183			281.8329
Total	26.6815	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183			281.8329

3.5 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3258	0.5543	5.0542	0.0216	2.0054	0.0119	2.0173	0.5318	0.0110	0.5428		1,475.4397	1,475.4397	0.0549			1,476.5934
Total	0.3258	0.5543	5.0542	0.0216	2.0054	0.0119	2.0173	0.5318	0.0110	0.5428		1,475.4397	1,475.4397	0.0549			1,476.5934

3.5 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	26.6518					0.0000	0.0000		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		281.4481	281.4481	0.0168			281.8017
Total	26.8434	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168			281.8017

3.5 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3102	0.5272	4.8030	0.0216	2.0054	0.0120	2.0174	0.5318	0.0112	0.5430		1,454.7657	1,454.7657	0.0531			1,455.8816
Total	0.3102	0.5272	4.8030	0.0216	2.0054	0.0120	2.0174	0.5318	0.0112	0.5430		1,454.7657	1,454.7657	0.0531			1,455.8816

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	26.6518					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168			281.8017
Total	26.6815	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168			281.8017

3.5 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3102	0.5272	4.8030	0.0216	2.0054	0.0120	2.0174	0.5318	0.0112	0.5430		1,454.7657	1,454.7657	0.0531			1,455.8816
Total	0.3102	0.5272	4.8030	0.0216	2.0054	0.0120	2.0174	0.5318	0.0112	0.5430		1,454.7657	1,454.7657	0.0531			1,455.8816

3.6 Paving - 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	1.0128	9.9983	14.2850	0.0223		0.5010	0.5010		0.4609	0.4609		2,160.6139	2,160.6139	0.6988			2,175.2884
Paving	2.2586					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	3.2714	9.9983	14.2850	0.0223		0.5010	0.5010		0.4609	0.4609		2,160.6139	2,160.6139	0.6988			2,175.2884

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0296	0.0504	0.4589	2.0600e-003	0.1916	1.1500e-003	0.1928	0.0508	1.0700e-003	0.0519		138.9904	138.9904	5.0800e-003			139.0970
Total	0.0296	0.0504	0.4589	2.0600e-003	0.1916	1.1500e-003	0.1928	0.0508	1.0700e-003	0.0519		138.9904	138.9904	5.0800e-003			139.0970

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.2745	1.1895	16.9276	0.0223		0.0366	0.0366		0.0366	0.0366	0.0000	2,160.6139	2,160.6139	0.6988			2,175.2884
Paving	2.2586					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	2.5331	1.1895	16.9276	0.0223		0.0366	0.0366		0.0366	0.0366	0.0000	2,160.6139	2,160.6139	0.6988			2,175.2884

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0296	0.0504	0.4589	2.0600e-003	0.1916	1.1500e-003	0.1928	0.0508	1.0700e-003	0.0519		138.9904	138.9904	5.0800e-003		139.0970
Total	0.0296	0.0504	0.4589	2.0600e-003	0.1916	1.1500e-003	0.1928	0.0508	1.0700e-003	0.0519		138.9904	138.9904	5.0800e-003		139.0970

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Office Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Office Park	14.70	6.60	6.60	33.00	48.00	19.00	82	15	3
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Regional Shopping Center	14.70	6.60	6.60	16.30	64.70	19.00	54	35	11
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.463398	0.064518	0.187633	0.173123	0.059219	0.008287	0.013602	0.015435	0.001607	0.001273	0.007819	0.000576	0.003510

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	45.1339	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412
Unmitigated	45.1339	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	45.1240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.8300e-003	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412
Total	45.1339	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412

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			0.0000			0.0000
Consumer Products	45.1240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.8300e-003	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412
Total	45.1339	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Lincoln Village 5 - Area A Construction 2022-2024
Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	40.60	1000sqft	0.98	40,600.00	0
Parking Lot	25.00	Acre	25.00	1,089,000.00	0
Regional Shopping Center	751.90	1000sqft	59.60	751,900.00	0
Strip Mall	227.10	1000sqft	17.50	227,100.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2024
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 information based on the Urban Decay/Fiscal analysis. Also assumed 25% of retail use acreage would be paved.

Construction Phase - Adjusted Start/End dates to fit into the 2 year development for this Phase of Area A

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading - Approximately 101 acres disturbed for this Phase

Architectural Coating - Changed VOC to 100 g/L per PCAPCD recommendation

Vehicle Trips - Construction Only

Woodstoves - Construction Only

Consumer Products - Construction Only

Area Coating - Construction Only

Landscape Equipment - Construction Only

Energy Use - Construction Only

Water And Wastewater - Construction Only

Solid Waste - Construction Only

Construction Off-road Equipment Mitigation - Mitigation includes on-site fugitive dust control, 20% NOx reduction, and Level 2 DPF (for 45% PM10 exh reduction)

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	220.00	366.00
tblConstructionPhase	NumDays	3,100.00	409.00
tblConstructionPhase	NumDays	310.00	41.00
tblConstructionPhase	NumDays	220.00	29.00

tblConstructionPhase	NumDays	120.00	16.00
tblConstructionPhase	PhaseEndDate	3/11/2025	10/16/2023
tblConstructionPhase	PhaseEndDate	11/24/2023	11/25/2023
tblConstructionPhase	PhaseStartDate	10/17/2023	5/23/2022
tblEnergyUse	LightingElect	3.64	0.00
tblEnergyUse	LightingElect	0.88	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	NT24E	4.35	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	T24E	3.66	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24NG	11.48	0.00
tblEnergyUse	T24NG	11.93	0.00
tblEnergyUse	T24NG	11.93	0.00
tblGrading	AcresOfGrading	102.50	101.00
tblGrading	AcresOfGrading	0.00	101.00
tblLandUse	LotAcreage	0.93	0.98
tblLandUse	LotAcreage	17.26	59.60
tblLandUse	LotAcreage	5.21	17.50
tblProjectCharacteristics	OperationalYear	2014	2024
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	37.76	0.00
tblSolidWaste	SolidWasteGenerationRate	789.50	0.00

tblSolidWaste	SolidWasteGenerationRate	238.46	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	42.94	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	7,215,990.17	0.00
tblWater	IndoorWaterUseRate	55,695,128.90	0.00
tblWater	IndoorWaterUseRate	16,821,869.63	0.00
tblWater	OutdoorWaterUseRate	4,422,703.65	0.00
tblWater	OutdoorWaterUseRate	34,135,724.17	0.00
tblWater	OutdoorWaterUseRate	10,310,178.16	0.00

2.0 Emissions Summary

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	45.1339	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	45.1339	9.7000e-004	0.1065	1.0000e-005	0.0000	3.8000e-004	3.8000e-004	0.0000	3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004	0.0000	0.2412

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	45.1339	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	45.1339	9.7000e-004	0.1065	1.0000e-005	0.0000	3.8000e-004	3.8000e-004	0.0000	3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004	0.0000	0.2412

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2022	1/24/2022	5	16	
2	Grading	Grading	1/25/2022	3/22/2022	5	41	
3	Building Construction	Building Construction	3/23/2022	10/16/2023	5	409	
4	Architectural Coating	Architectural Coating	5/23/2022	10/16/2023	5	366	
5	Paving	Paving	10/17/2023	11/25/2023	5	29	

Acres of Grading (Site Preparation Phase): 101

Acres of Grading (Grading Phase): 101

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,578,405; Non-Residential Outdoor: 526,135 (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
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	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
Building Construction	9	784.00	346.00	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
Architectural Coating	1	157.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					24.7607	0.0000	24.7607	10.6535	0.0000	10.6535			0.0000			0.0000
Off-Road	3.2212	32.6496	29.9722	0.0391		1.5473	1.5473		1.4236	1.4236		3,791.755 2	3,791.755 2	1.2263		3,817.508 1
Total	3.2212	32.6496	29.9722	0.0391	24.7607	1.5473	26.3080	10.6535	1.4236	12.0771		3,791.755 2	3,791.755 2	1.2263		3,817.508 1

3.2 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0449	0.0520	0.7188	2.8500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2600e-003	0.0622		194.1754	194.1754	6.3000e-003			194.3077
Total	0.0449	0.0520	0.7188	2.8500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2600e-003	0.0622		194.1754	194.1754	6.3000e-003			194.3077

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					10.5852	0.0000	10.5852	4.5544	0.0000	4.5544			0.0000			0.0000	
Off-Road	0.4757	2.0615	21.2415	0.0391		0.0634	0.0634		0.0634	0.0634	0.0000	3,791.7552	3,791.7552	1.2263			3,817.5081
Total	0.4757	2.0615	21.2415	0.0391	10.5852	0.0634	10.6486	4.5544	0.0634	4.6178	0.0000	3,791.7552	3,791.7552	1.2263			3,817.5081

3.2 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0449	0.0520	0.7188	2.8500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2600e-003	0.0622		194.1754	194.1754	6.3000e-003		194.3077
Total	0.0449	0.0520	0.7188	2.8500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2600e-003	0.0622		194.1754	194.1754	6.3000e-003		194.3077

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6345	0.0000	8.6345	3.5923	0.0000	3.5923			0.0000			0.0000
Off-Road	3.7643	38.4288	35.0957	0.0618		1.7274	1.7274		1.5892	1.5892		5,984.7478	5,984.7478	1.9356		6,025.3952
Total	3.7643	38.4288	35.0957	0.0618	8.6345	1.7274	10.3619	3.5923	1.5892	5.1815		5,984.7478	5,984.7478	1.9356		6,025.3952

3.3 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0499	0.0578	0.7987	3.1600e-003	0.2555	1.5100e-003	0.2570	0.0678	1.4100e-003	0.0692		215.7505	215.7505	7.0000e-003			215.8974
Total	0.0499	0.0578	0.7987	3.1600e-003	0.2555	1.5100e-003	0.2570	0.0678	1.4100e-003	0.0692		215.7505	215.7505	7.0000e-003			215.8974

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.6913	0.0000	3.6913	1.5357	0.0000	1.5357			0.0000			0.0000	
Off-Road	0.7564	3.2778	34.7787	0.0618		0.1009	0.1009		0.1009	0.1009	0.0000	5,984.7478	5,984.7478	1.9356			6,025.3952
Total	0.7564	3.2778	34.7787	0.0618	3.6913	0.1009	3.7921	1.5357	0.1009	1.6366	0.0000	5,984.7478	5,984.7478	1.9356			6,025.3952

3.3 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0499	0.0578	0.7987	3.1600e-003	0.2555	1.5100e-003	0.2570	0.0678	1.4100e-003	0.0692		215.7505	215.7505	7.0000e-003			215.8974
Total	0.0499	0.0578	0.7987	3.1600e-003	0.2555	1.5100e-003	0.2570	0.0678	1.4100e-003	0.0692		215.7505	215.7505	7.0000e-003			215.8974

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085			2,556.5286
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085			2,556.5286

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.2176	13.3263	24.2025	0.0744	2.0866	0.2753	2.3620	0.5966	0.2533	0.8499		6,978.1216	6,978.1216	0.0514			6,979.2013
Worker	1.9547	2.2666	31.3082	0.1240	10.0141	0.0594	10.0735	2.6556	0.0551	2.7107		8,457.4188	8,457.4188	0.2743			8,463.1796
Total	4.1723	15.5928	55.5107	0.1985	12.1007	0.3347	12.4354	3.2522	0.3084	3.5606		15,435.5404	15,435.5404	0.3257			15,442.3809

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,543.7497	2,543.7497	0.6085			2,556.5286
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,543.7497	2,543.7497	0.6085			2,556.5286

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.2176	13.3263	24.2025	0.0744	2.0866	0.2753	2.3620	0.5966	0.2533	0.8499		6,978.1216	6,978.1216	0.0514			6,979.2013
Worker	1.9547	2.2666	31.3082	0.1240	10.0141	0.0594	10.0735	2.6556	0.0551	2.7107		8,457.4188	8,457.4188	0.2743			8,463.1796
Total	4.1723	15.5928	55.5107	0.1985	12.1007	0.3347	12.4354	3.2522	0.3084	3.5606		15,435.5404	15,435.5404	0.3257			15,442.3809

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.6262	2,544.6262	0.6044			2,557.3191
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.6262	2,544.6262	0.6044			2,557.3191

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.1206	11.9878	23.6221	0.0743	2.0868	0.2584	2.3452	0.5967	0.2377	0.8344		6,969.8938	6,969.8938	0.0487			6,970.9161
Worker	1.8599	2.1580	29.8659	0.1240	10.0141	0.0601	10.0742	2.6556	0.0558	2.7114		8,339.6882	8,339.6882	0.2653			8,345.2602
Total	3.9805	14.1459	53.4879	0.1984	12.1008	0.3185	12.4193	3.2523	0.2935	3.5458		15,309.5820	15,309.5820	0.3140			15,316.1763

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,544.6262	2,544.6262	0.6044			2,557.3191
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,544.6262	2,544.6262	0.6044			2,557.3191

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.1206	11.9878	23.6221	0.0743	2.0868	0.2584	2.3452	0.5967	0.2377	0.8344		6,969.8938	6,969.8938	0.0487			6,970.9161
Worker	1.8599	2.1580	29.8659	0.1240	10.0141	0.0601	10.0742	2.6556	0.0558	2.7114		8,339.6882	8,339.6882	0.2653			8,345.2602
Total	3.9805	14.1459	53.4879	0.1984	12.1008	0.3185	12.4193	3.2523	0.2935	3.5458		15,309.5820	15,309.5820	0.3140			15,316.1763

3.5 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	26.6518					0.0000	0.0000		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		281.4481	281.4481	0.0183			281.8329
Total	26.8563	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183			281.8329

3.5 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3914	0.4539	6.2696	0.0248	2.0054	0.0119	2.0173	0.5318	0.0110	0.5428		1,693.6413	1,693.6413	0.0549			1,694.7949
Total	0.3914	0.4539	6.2696	0.0248	2.0054	0.0119	2.0173	0.5318	0.0110	0.5428		1,693.6413	1,693.6413	0.0549			1,694.7949

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	26.6518					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183			281.8329
Total	26.6815	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183			281.8329

3.5 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3914	0.4539	6.2696	0.0248	2.0054	0.0119	2.0173	0.5318	0.0110	0.5428		1,693.6413	1,693.6413	0.0549			1,694.7949
Total	0.3914	0.4539	6.2696	0.0248	2.0054	0.0119	2.0173	0.5318	0.0110	0.5428		1,693.6413	1,693.6413	0.0549			1,694.7949

3.5 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	26.6518					0.0000	0.0000		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		281.4481	281.4481	0.0168			281.8017
Total	26.8434	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168			281.8017

3.5 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3725	0.4322	5.9808	0.0248	2.0054	0.0120	2.0174	0.5318	0.0112	0.5430		1,670.065 1	1,670.065 1	0.0531			1,671.180 9
Total	0.3725	0.4322	5.9808	0.0248	2.0054	0.0120	2.0174	0.5318	0.0112	0.5430		1,670.065 1	1,670.065 1	0.0531			1,671.180 9

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	26.6518					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168			281.8017
Total	26.6815	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168			281.8017

3.5 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3725	0.4322	5.9808	0.0248	2.0054	0.0120	2.0174	0.5318	0.0112	0.5430		1,670.065 1	1,670.065 1	0.0531			1,671.180 9
Total	0.3725	0.4322	5.9808	0.0248	2.0054	0.0120	2.0174	0.5318	0.0112	0.5430		1,670.065 1	1,670.065 1	0.0531			1,671.180 9

3.6 Paving - 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	1.0128	9.9983	14.2850	0.0223		0.5010	0.5010		0.4609	0.4609		2,160.613 9	2,160.613 9	0.6988			2,175.288 4
Paving	2.2586					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	3.2714	9.9983	14.2850	0.0223		0.5010	0.5010		0.4609	0.4609		2,160.613 9	2,160.613 9	0.6988			2,175.288 4

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0356	0.0413	0.5714	2.3700e-003	0.1916	1.1500e-003	0.1928	0.0508	1.0700e-003	0.0519		159.5604	159.5604	5.0800e-003			159.6670
Total	0.0356	0.0413	0.5714	2.3700e-003	0.1916	1.1500e-003	0.1928	0.0508	1.0700e-003	0.0519		159.5604	159.5604	5.0800e-003			159.6670

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.2745	1.1895	16.9276	0.0223		0.0366	0.0366		0.0366	0.0366	0.0000	2,160.6139	2,160.6139	0.6988			2,175.2884
Paving	2.2586					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	2.5331	1.1895	16.9276	0.0223		0.0366	0.0366		0.0366	0.0366	0.0000	2,160.6139	2,160.6139	0.6988			2,175.2884

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0356	0.0413	0.5714	2.3700e-003	0.1916	1.1500e-003	0.1928	0.0508	1.0700e-003	0.0519		159.5604	159.5604	5.0800e-003		159.6670
Total	0.0356	0.0413	0.5714	2.3700e-003	0.1916	1.1500e-003	0.1928	0.0508	1.0700e-003	0.0519		159.5604	159.5604	5.0800e-003		159.6670

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Office Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Office Park	14.70	6.60	6.60	33.00	48.00	19.00	82	15	3
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Regional Shopping Center	14.70	6.60	6.60	16.30	64.70	19.00	54	35	11
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.463398	0.064518	0.187633	0.173123	0.059219	0.008287	0.013602	0.015435	0.001607	0.001273	0.007819	0.000576	0.003510

5.0 Energy Detail

5.0.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	45.1339	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412
Unmitigated	45.1339	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	45.1240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.8300e-003	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412
Total	45.1339	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412

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			0.0000			0.0000
Consumer Products	45.1240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.8300e-003	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412
Total	45.1339	9.7000e-004	0.1065	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2286	0.2286	6.0000e-004		0.2412

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

***CalEEMod Model Construction Results – Annual, Summer, Winter, Mitigation
Report***

Programmatic Phase (Years 2024-2032)

Lincoln Village 5 - Construction 2024-2032 Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,018.08	1000sqft	71.95	1,018,080.00	0
Office Park	395.80	1000sqft	32.10	395,800.00	0
Elementary School	1,300.00	Student	23.90	108,684.38	0
High School	1,000.00	Student	24.35	132,660.98	0
Junior High School	600.00	Student	10.00	70,537.01	0
Parking Lot	34.70	Acre	34.70	1,511,532.00	0
City Park	58.60	Acre	58.60	2,552,616.00	0
Apartments Mid Rise	1,497.00	Dwelling Unit	69.45	1,497,000.00	4281
Single Family Housing	4,488.00	Dwelling Unit	2,022.70	8,078,400.00	12836

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Construction phase information based on the Urban Decay/Fiscal analysis and Specific Plan. Also assumed 25% of commercial use acreage would be paved.

Construction Phase - Adjusted Start/End dates to fit into the 8 year development for this phase of construction

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Trips and VMT -

Grading - Approximately 2,348 acres disturbed for this Phase

Architectural Coating - Changed VOC to 100 g/L per PCAPCD recommendation

Vehicle Trips - Construction Only

Woodstoves - Construction Only

Consumer Products - Construction Only

Area Coating - Construction Only

Landscape Equipment - Construction Only

Energy Use - Construction Only

Water And Wastewater - Construction Only

Solid Waste - Construction Only

Construction Off-road Equipment Mitigation - Mitigation includes on-site fugitive dust control and Tier 4 engines.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	2,161,862.00	2,125,620.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	6,485,586.00	6,376,860.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00

tblConstructionPhase	NumDays	11,000.00	1,594.00
tblConstructionPhase	NumDays	155,000.00	1,637.00
tblConstructionPhase	NumDays	15,500.00	164.00
tblConstructionPhase	NumDays	11,000.00	116.00
tblConstructionPhase	NumDays	6,000.00	63.00
tblConstructionPhase	PhaseEndDate	4/1/2037	2/20/2031
tblConstructionPhase	PhaseStartDate	2/21/2031	1/13/2025
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	3.62	0.00
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	3.64	0.00
tblEnergyUse	LightingElect	0.88	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	2,554.47	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	4.35	0.00
tblEnergyUse	NT24E	5,098.84	0.00
tblEnergyUse	NT24NG	1,716.22	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	5,933.76	0.00

tblEnergyUse	T24E	322.48	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	3.93	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	3.66	0.00
tblEnergyUse	T24E	729.62	0.00
tblEnergyUse	T24NG	8,261.25	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	16.83	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	11.48	0.00
tblEnergyUse	T24NG	26,218.01	0.00
tblFireplaces	NumberGas	823.35	0.00
tblFireplaces	NumberGas	2,468.40	0.00
tblFireplaces	NumberNoFireplace	149.70	0.00
tblFireplaces	NumberNoFireplace	448.80	0.00
tblFireplaces	NumberWood	523.95	0.00
tblFireplaces	NumberWood	1,570.80	0.00
tblGrading	AcresOfGrading	410.00	2,348.00
tblGrading	AcresOfGrading	0.00	2,348.00
tblLandUse	LotAcreage	23.37	71.95
tblLandUse	LotAcreage	9.09	32.10
tblLandUse	LotAcreage	2.50	23.90
tblLandUse	LotAcreage	3.05	24.35
tblLandUse	LotAcreage	1.62	10.00
tblLandUse	LotAcreage	39.39	69.45

tblLandUse	LotAcreage	1,457.14	2,022.70
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	688.62	0.00
tblSolidWaste	SolidWasteGenerationRate	5.04	0.00
tblSolidWaste	SolidWasteGenerationRate	237.25	0.00
tblSolidWaste	SolidWasteGenerationRate	946.81	0.00
tblSolidWaste	SolidWasteGenerationRate	182.50	0.00
tblSolidWaste	SolidWasteGenerationRate	109.50	0.00
tblSolidWaste	SolidWasteGenerationRate	368.09	0.00
tblSolidWaste	SolidWasteGenerationRate	4,620.96	0.00
tblTripsAndVMT	VendorTripNumber	1,589.00	1,577.00
tblTripsAndVMT	WorkerTripNumber	4,984.00	4,953.00
tblTripsAndVMT	WorkerTripNumber	997.00	991.00
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	2.37	0.00
tblVehicleTrips	ST_TR	0.61	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	10.08	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	0.98	0.00
tblVehicleTrips	SU_TR	0.25	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	8.77	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	1.59	0.00

tblVehicleTrips	WD_TR	1.29	0.00
tblVehicleTrips	WD_TR	11.01	0.00
tblVehicleTrips	WD_TR	1.71	0.00
tblVehicleTrips	WD_TR	1.62	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	9.57	0.00
tblWater	IndoorWaterUseRate	97,535,576.36	0.00
tblWater	IndoorWaterUseRate	3,151,512.00	0.00
tblWater	IndoorWaterUseRate	180,947,174.16	0.00
tblWater	IndoorWaterUseRate	4,404,960.00	0.00
tblWater	IndoorWaterUseRate	1,454,544.00	0.00
tblWater	IndoorWaterUseRate	70,347,017.46	0.00
tblWater	IndoorWaterUseRate	292,411,266.99	0.00
tblWater	OutdoorWaterUseRate	61,489,819.88	0.00
tblWater	OutdoorWaterUseRate	69,820,807.09	0.00
tblWater	OutdoorWaterUseRate	8,103,888.00	0.00
tblWater	OutdoorWaterUseRate	110,903,106.74	0.00
tblWater	OutdoorWaterUseRate	11,327,040.00	0.00
tblWater	OutdoorWaterUseRate	3,740,256.00	0.00
tblWater	OutdoorWaterUseRate	43,115,913.92	0.00
tblWater	OutdoorWaterUseRate	184,346,233.54	0.00
tblWoodstoves	NumberCatalytic	74.85	0.00
tblWoodstoves	NumberCatalytic	224.40	0.00
tblWoodstoves	NumberNoncatalytic	74.85	0.00
tblWoodstoves	NumberNoncatalytic	224.40	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.7283	4.9869	9.0075	0.0253	4.7986	0.1944	4.9930	1.1880	0.1792	1.3672	0.0000	1,857.4854	1,857.4854	0.2187	0.0000	1,862.0776
2025	15.4835	11.1968	42.6910	0.1576	10.6189	0.2908	10.9097	2.8513	0.2700	3.1212	0.0000	10,615.5652	10,615.5652	0.3238	0.0000	10,622.3649
2026	15.8182	11.0526	41.9816	0.1581	10.6673	0.2919	10.9592	2.8641	0.2710	3.1352	0.0000	10,587.0406	10,587.0406	0.3202	0.0000	10,593.7648
2027	15.7586	10.9160	41.2748	0.1581	10.6673	0.2927	10.9600	2.8641	0.2718	3.1359	0.0000	10,532.4311	10,532.4311	0.3159	0.0000	10,539.0655
2028	15.6556	10.7589	40.5107	0.1575	10.6264	0.2922	10.9186	2.8532	0.2712	3.1244	0.0000	10,445.8513	10,445.8513	0.3109	0.0000	10,452.3803
2029	15.6582	10.6951	40.0820	0.1581	10.6672	0.2937	10.9609	2.8641	0.2727	3.1368	0.0000	10,446.4820	10,446.4820	0.3085	0.0000	10,452.9597
2030	15.5898	9.9630	39.4503	0.1586	10.6672	0.2407	10.9079	2.8641	0.2237	3.0878	0.0000	10,453.0989	10,453.0989	0.2477	0.0000	10,458.2995
2031	2.3282	1.8081	6.4592	0.0242	1.5228	0.0530	1.5758	0.4089	0.0506	0.4594	0.0000	1,621.9081	1,621.9081	0.0413	0.0000	1,622.7758
Total	97.0206	71.3774	261.4569	0.9976	70.2357	1.9494	72.1851	18.7578	1.8100	20.5678	0.0000	66,559.8624	66,559.8624	2.0869	0.0000	66,603.6880

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	61.3370	0.5113	44.3234	2.3500e-003		0.2466	0.2466		0.2466	0.2466	0.0000	72.6696	72.6696	0.0693	0.0000	74.1250
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	61.3370	0.5113	44.3234	2.3500e-003	0.0000	0.2466	0.2466	0.0000	0.2466	0.2466	0.0000	72.6696	72.6696	0.0693	0.0000	74.1250

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	61.3370	0.5113	44.3234	2.3500e-003		0.2466	0.2466		0.2466	0.2466	0.0000	72.6696	72.6696	0.0693	0.0000	74.1250
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	61.3370	0.5113	44.3234	2.3500e-003	0.0000	0.2466	0.2466	0.0000	0.2466	0.2466	0.0000	72.6696	72.6696	0.0693	0.0000	74.1250

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2024	3/27/2024	5	63	
2	Grading	Grading	3/28/2024	11/12/2024	5	164	
3	Building Construction	Building Construction	11/13/2024	2/20/2031	5	1637	
4	Architectural Coating	Architectural Coating	1/13/2025	2/20/2031	5	1594	
5	Paving	Paving	2/21/2031	8/1/2031	5	116	

Acres of Grading (Site Preparation Phase): 2348

Acres of Grading (Grading Phase): 2348

Acres of Paving: 0

Residential Indoor: 19,390,185; Residential Outdoor: 6,463,395; Non-Residential Indoor: 6,376,860; Non-Residential Outdoor: 2,125,620 (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
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	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
Building Construction	9	4,953.00	1,577.00	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
Architectural Coating	1	991.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					1.8141	0.0000	1.8141	0.4473	0.0000	0.4473	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0890	0.8677	0.8695	1.2300e-003		0.0394	0.0394		0.0362	0.0362	0.0000	108.4276	108.4276	0.0351	0.0000	109.1640
Total	0.0890	0.8677	0.8695	1.2300e-003	1.8141	0.0394	1.8535	0.4473	0.0362	0.4835	0.0000	108.4276	108.4276	0.0351	0.0000	109.1640

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0500e-003	1.6400e-003	0.0169	8.0000e-005	6.9200e-003	4.0000e-005	6.9700e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	4.8539	4.8539	1.7000e-004	0.0000	4.8574
Total	1.0500e-003	1.6400e-003	0.0169	8.0000e-005	6.9200e-003	4.0000e-005	6.9700e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	4.8539	4.8539	1.7000e-004	0.0000	4.8574

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7755	0.0000	0.7755	0.1912	0.0000	0.1912	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0649	0.6691	1.2300e-003		2.0000e-003	2.0000e-003		2.0000e-003	2.0000e-003	0.0000	108.4274	108.4274	0.0351	0.0000	109.1638
Total	0.0150	0.0649	0.6691	1.2300e-003	0.7755	2.0000e-003	0.7775	0.1912	2.0000e-003	0.1932	0.0000	108.4274	108.4274	0.0351	0.0000	109.1638

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0500e-003	1.6400e-003	0.0169	8.0000e-005	6.9200e-003	4.0000e-005	6.9700e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	4.8539	4.8539	1.7000e-004	0.0000	4.8574
Total	1.0500e-003	1.6400e-003	0.0169	8.0000e-005	6.9200e-003	4.0000e-005	6.9700e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	4.8539	4.8539	1.7000e-004	0.0000	4.8574

3.3 Grading - 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					
Fugitive Dust					1.7388	0.0000	1.7388	0.4059	0.0000	0.4059	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2755	2.6398	2.7424	5.0700e-003		0.1167	0.1167		0.1074	0.1074	0.0000	445.1465	445.1465	0.1440	0.0000	448.1699
Total	0.2755	2.6398	2.7424	5.0700e-003	1.7388	0.1167	1.8556	0.4059	0.1074	0.5133	0.0000	445.1465	445.1465	0.1440	0.0000	448.1699

3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0300e-003	4.7500e-003	0.0489	2.3000e-004	0.0200	1.3000e-004	0.0202	5.3300e-003	1.2000e-004	5.4500e-003	0.0000	14.0395	14.0395	4.9000e-004	0.0000	14.0497
Total	3.0300e-003	4.7500e-003	0.0489	2.3000e-004	0.0200	1.3000e-004	0.0202	5.3300e-003	1.2000e-004	5.4500e-003	0.0000	14.0395	14.0395	4.9000e-004	0.0000	14.0497

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7434	0.0000	0.7434	0.1735	0.0000	0.1735	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0620	0.2688	2.8519	5.0700e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	445.1460	445.1460	0.1440	0.0000	448.1694
Total	0.0620	0.2688	2.8519	5.0700e-003	0.7434	8.2700e-003	0.7516	0.1735	8.2700e-003	0.1818	0.0000	445.1460	445.1460	0.1440	0.0000	448.1694

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0300e-003	4.7500e-003	0.0489	2.3000e-004	0.0200	1.3000e-004	0.0202	5.3300e-003	1.2000e-004	5.4500e-003	0.0000	14.0395	14.0395	4.9000e-004	0.0000	14.0497
Total	3.0300e-003	4.7500e-003	0.0489	2.3000e-004	0.0200	1.3000e-004	0.0202	5.3300e-003	1.2000e-004	5.4500e-003	0.0000	14.0395	14.0395	4.9000e-004	0.0000	14.0497

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0256	0.2341	0.2823	4.7000e-004		0.0107	0.0107		0.0101	0.0101	0.0000	40.4056	40.4056	9.5400e-003	0.0000	40.6059
Total	0.0256	0.2341	0.2823	4.7000e-004		0.0107	0.0107		0.0101	0.0101	0.0000	40.4056	40.4056	9.5400e-003	0.0000	40.6059

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1738	0.9880	2.4652	5.9200e-003	0.1604	0.0208	0.1811	0.0461	0.0191	0.0652	0.0000	502.5976	502.5976	3.5900e-003	0.0000	0.0000	502.6730
Worker	0.1603	0.2510	2.5824	0.0123	1.0583	6.7300e-003	1.0651	0.2816	6.2400e-003	0.2879	0.0000	742.0148	742.0148	0.0259	0.0000	0.0000	742.5576
Total	0.3341	1.2390	5.0476	0.0182	1.2187	0.0275	1.2462	0.3277	0.0253	0.3531	0.0000	1,244.6124	1,244.6124	0.0294	0.0000	0.0000	1,245.2306

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road	5.7100e-003	0.0390	0.3047	4.7000e-004		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	40.4055	40.4055	9.5400e-003	0.0000	0.0000	40.6059
Total	5.7100e-003	0.0390	0.3047	4.7000e-004		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	40.4055	40.4055	9.5400e-003	0.0000	0.0000	40.6059

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1738	0.9880	2.4652	5.9200e-003	0.1604	0.0208	0.1811	0.0461	0.0191	0.0652	0.0000	502.5976	502.5976	3.5900e-003	0.0000	502.6730
Worker	0.1603	0.2510	2.5824	0.0123	1.0583	6.7300e-003	1.0651	0.2816	6.2400e-003	0.2879	0.0000	742.0148	742.0148	0.0259	0.0000	742.5576
Total	0.3341	1.2390	5.0476	0.0182	1.2187	0.0275	1.2462	0.3277	0.0253	0.3531	0.0000	1,244.6124	1,244.6124	0.0294	0.0000	1,245.2306

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2755	7.2813	18.1848	0.0441	1.1960	0.1551	1.3510	0.3438	0.1427	0.4865	0.0000	3,748.5434	3,748.5434	0.0268	0.0000	3,749.1071
Worker	1.1486	1.8017	18.5792	0.0918	7.8922	0.0508	7.9431	2.1001	0.0472	2.1473	0.0000	5,472.0316	5,472.0316	0.1880	0.0000	5,475.9794
Total	2.4241	9.0830	36.7640	0.1359	9.0882	0.2059	9.2941	2.4440	0.1898	2.6338	0.0000	9,220.5750	9,220.5750	0.2148	0.0000	9,225.0865

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.0426	0.2909	2.2721	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2755	7.2813	18.1848	0.0441	1.1960	0.1551	1.3510	0.3438	0.1427	0.4865	0.0000	3,748.5434	3,748.5434	0.0268	0.0000	3,749.1071
Worker	1.1486	1.8017	18.5792	0.0918	7.8922	0.0508	7.9431	2.1001	0.0472	2.1473	0.0000	5,472.0316	5,472.0316	0.1880	0.0000	5,475.9794
Total	2.4241	9.0830	36.7640	0.1359	9.0882	0.2059	9.2941	2.4440	0.1898	2.6338	0.0000	9,220.5750	9,220.5750	0.2148	0.0000	9,225.0865

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2519	7.1911	18.0272	0.0441	1.1960	0.1549	1.3508	0.3438	0.1425	0.4863	0.0000	3,748.5635	3,748.5635	0.0269	0.0000	3,749.1274
Worker	1.1078	1.7437	18.0184	0.0918	7.8922	0.0515	7.9438	2.1001	0.0478	2.1479	0.0000	5,419.4313	5,419.4313	0.1840	0.0000	5,423.2950
Total	2.3597	8.9348	36.0456	0.1359	9.0882	0.2064	9.2946	2.4439	0.1903	2.6342	0.0000	9,167.9948	9,167.9948	0.2108	0.0000	9,172.4223

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.0426	0.2909	2.2721	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2519	7.1911	18.0272	0.0441	1.1960	0.1549	1.3508	0.3438	0.1425	0.4863	0.0000	3,748.5635	3,748.5635	0.0269	0.0000	3,749.1274
Worker	1.1078	1.7437	18.0184	0.0918	7.8922	0.0515	7.9438	2.1001	0.0478	2.1479	0.0000	5,419.4313	5,419.4313	0.1840	0.0000	5,423.2950
Total	2.3597	8.9348	36.0456	0.1359	9.0882	0.2064	9.2946	2.4439	0.1903	2.6342	0.0000	9,167.9948	9,167.9948	0.2108	0.0000	9,172.4223

3.4 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2380	7.1163	17.9180	0.0441	1.1960	0.1549	1.3509	0.3438	0.1425	0.4863	0.0000	3,748.4954	3,748.4954	0.0269	0.0000	3,749.0600
Worker	1.0697	1.6922	17.5204	0.0918	7.8922	0.0521	7.9444	2.1001	0.0484	2.1485	0.0000	5,373.9832	5,373.9832	0.1804	0.0000	5,377.7714
Total	2.3077	8.8085	35.4385	0.1359	9.0882	0.2071	9.2952	2.4439	0.1909	2.6348	0.0000	9,122.4786	9,122.4786	0.2073	0.0000	9,126.8314

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.0426	0.2909	2.2721	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2380	7.1163	17.9180	0.0441	1.1960	0.1549	1.3509	0.3438	0.1425	0.4863	0.0000	3,748.4954	3,748.4954	0.0269	0.0000	3,749.0600
Worker	1.0697	1.6922	17.5204	0.0918	7.8922	0.0521	7.9444	2.1001	0.0484	2.1485	0.0000	5,373.9832	5,373.9832	0.1804	0.0000	5,377.7714
Total	2.3077	8.8085	35.4385	0.1359	9.0882	0.2071	9.2952	2.4439	0.1909	2.6348	0.0000	9,122.4786	9,122.4786	0.2073	0.0000	9,126.8314

3.4 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2471	300.2471	0.0705	0.0000	301.7269
Total	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2471	300.2471	0.0705	0.0000	301.7269

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2326	7.0289	17.7629	0.0440	1.1914	0.1542	1.3456	0.3425	0.1419	0.4844	0.0000	3,734.2254	3,734.2254	0.0268	0.0000	3,734.7882
Worker	1.0306	1.6398	17.0204	0.0914	7.8620	0.0525	7.9145	2.0921	0.0487	2.1408	0.0000	5,314.7977	5,314.7977	0.1765	0.0000	5,318.5044
Total	2.2632	8.6687	34.7833	0.1354	9.0534	0.2067	9.2601	2.4346	0.1906	2.6252	0.0000	9,049.0232	9,049.0232	0.2033	0.0000	9,053.2926

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0424	0.2898	2.2634	3.4900e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	300.2467	300.2467	0.0705	0.0000	301.7266
Total	0.0424	0.2898	2.2634	3.4900e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	300.2467	300.2467	0.0705	0.0000	301.7266

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2326	7.0289	17.7629	0.0440	1.1914	0.1542	1.3456	0.3425	0.1419	0.4844	0.0000	3,734.225 4	3,734.225 4	0.0268	0.0000	3,734.788 2
Worker	1.0306	1.6398	17.0204	0.0914	7.8620	0.0525	7.9145	2.0921	0.0487	2.1408	0.0000	5,314.797 7	5,314.797 7	0.1765	0.0000	5,318.504 4
Total	2.2632	8.6687	34.7833	0.1354	9.0534	0.2067	9.2601	2.4346	0.1906	2.6252	0.0000	9,049.023 2	9,049.023 2	0.2033	0.0000	9,053.292 6

3.4 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2215	7.0030	17.7376	0.0441	1.1959	0.1547	1.3507	0.3438	0.1424	0.4862	0.0000	3,748.4848	3,748.4848	0.0269	0.0000	3,749.0499
Worker	0.9998	1.6025	16.6768	0.0918	7.8922	0.0531	7.9453	2.1001	0.0493	2.1494	0.0000	5,302.3726	5,302.3726	0.1742	0.0000	5,306.0297
Total	2.2213	8.6055	34.4144	0.1359	9.0882	0.2078	9.2960	2.4439	0.1916	2.6356	0.0000	9,050.8574	9,050.8574	0.2011	0.0000	9,055.0796

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.0426	0.2909	2.2721	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2215	7.0030	17.7376	0.0441	1.1959	0.1547	1.3507	0.3438	0.1424	0.4862	0.0000	3,748.4848	3,748.4848	0.0269	0.0000	3,749.0499
Worker	0.9998	1.6025	16.6768	0.0918	7.8922	0.0531	7.9453	2.1001	0.0493	2.1494	0.0000	5,302.3726	5,302.3726	0.1742	0.0000	5,306.0297
Total	2.2213	8.6055	34.4144	0.1359	9.0882	0.2078	9.2960	2.4439	0.1916	2.6356	0.0000	9,050.8574	9,050.8574	0.2011	0.0000	9,055.0796

3.4 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160
Total	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2058	6.9418	17.5190	0.0441	1.1959	0.1546	1.3505	0.3438	0.1422	0.4860	0.0000	3,748.0910	3,748.0910	0.0269	0.0000	3,748.6562
Worker	0.9665	1.5633	16.3252	0.0918	7.8922	0.0535	7.9457	2.1001	0.0496	2.1497	0.0000	5,274.7782	5,274.7782	0.1714	0.0000	5,278.3773
Total	2.1723	8.5051	33.8442	0.1359	9.0881	0.2081	9.2962	2.4439	0.1918	2.6357	0.0000	9,022.8692	9,022.8692	0.1983	0.0000	9,027.0335

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156
Total	0.0426	0.2909	2.2721	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.5277	341.5277	0.0137	0.0000	341.8156

3.4 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2058	6.9418	17.5190	0.0441	1.1959	0.1546	1.3505	0.3438	0.1422	0.4860	0.0000	3,748.0910	3,748.0910	0.0269	0.0000	3,748.6562
Worker	0.9665	1.5633	16.3252	0.0918	7.8922	0.0535	7.9457	2.1001	0.0496	2.1497	0.0000	5,274.7782	5,274.7782	0.1714	0.0000	5,278.3773
Total	2.1723	8.5051	33.8442	0.1359	9.0881	0.2081	9.2962	2.4439	0.1918	2.6357	0.0000	9,022.8692	9,022.8692	0.1983	0.0000	9,027.0335

3.4 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0241	0.1465	0.2984	5.7000e-004		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	48.4159	48.4159	1.9400e-003	0.0000	48.4567
Total	0.0241	0.1465	0.2984	5.7000e-004		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	48.4159	48.4159	1.9400e-003	0.0000	48.4567

3.4 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1700	0.9791	2.4832	6.2500e-003	0.1695	0.0219	0.1915	0.0487	0.0202	0.0689	0.0000	531.4172	531.4172	3.8200e-003	0.0000	531.4974
Worker	0.1319	0.2164	2.2687	0.0130	1.1188	7.6100e-003	1.1264	0.2977	7.0600e-003	0.3048	0.0000	744.5164	744.5164	0.0239	0.0000	745.0191
Total	0.3019	1.1956	4.7519	0.0193	1.2884	0.0295	1.3179	0.3465	0.0272	0.3737	0.0000	1,275.9336	1,275.9336	0.0278	0.0000	1,276.5165

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.0400e-003	0.0412	0.3221	5.7000e-004		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	48.4158	48.4158	1.9400e-003	0.0000	48.4566
Total	6.0400e-003	0.0412	0.3221	5.7000e-004		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	48.4158	48.4158	1.9400e-003	0.0000	48.4566

3.4 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1700	0.9791	2.4832	6.2500e-003	0.1695	0.0219	0.1915	0.0487	0.0202	0.0689	0.0000	531.4172	531.4172	3.8200e-003	0.0000	531.4974
Worker	0.1319	0.2164	2.2687	0.0130	1.1188	7.6100e-003	1.1264	0.2977	7.0600e-003	0.3048	0.0000	744.5164	744.5164	0.0239	0.0000	745.0191
Total	0.3019	1.1956	4.7519	0.0193	1.2884	0.0295	1.3179	0.3465	0.0272	0.3737	0.0000	1,275.9336	1,275.9336	0.0278	0.0000	1,276.5165

3.5 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	12.6373					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0216	0.1449	0.2289	3.8000e-004		6.5200e-003	6.5200e-003		6.5200e-003	6.5200e-003	0.0000	32.2987	32.2987	1.7600e-003	0.0000	32.3357
Total	12.6589	0.1449	0.2289	3.8000e-004		6.5200e-003	6.5200e-003		6.5200e-003	6.5200e-003	0.0000	32.2987	32.2987	1.7600e-003	0.0000	32.3357

3.5 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2228	0.3494	3.6034	0.0178	1.5307	9.8600e-003	1.5405	0.4073	9.1500e-003	0.4165	0.0000	1,061.2897	1,061.2897	0.0365	0.0000	1,062.0553
Total	0.2228	0.3494	3.6034	0.0178	1.5307	9.8600e-003	1.5405	0.4073	9.1500e-003	0.4165	0.0000	1,061.2897	1,061.2897	0.0365	0.0000	1,062.0553

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.6373					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7600e-003	0.0163	0.2318	3.8000e-004		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004	0.0000	32.2986	32.2986	1.7600e-003	0.0000	32.3356
Total	12.6411	0.0163	0.2318	3.8000e-004		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004	0.0000	32.2986	32.2986	1.7600e-003	0.0000	32.3356

3.5 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2228	0.3494	3.6034	0.0178	1.5307	9.8600e-003	1.5405	0.4073	9.1500e-003	0.4165	0.0000	1,061.2897	1,061.2897	0.0365	0.0000	1,062.0553
Total	0.2228	0.3494	3.6034	0.0178	1.5307	9.8600e-003	1.5405	0.4073	9.1500e-003	0.4165	0.0000	1,061.2897	1,061.2897	0.0365	0.0000	1,062.0553

3.5 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	13.0369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	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	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3581
Total	13.0592	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3581

3.5 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2217	0.3489	3.6051	0.0184	1.5791	0.0103	1.5894	0.4202	9.5700e-003	0.4298	0.0000	1,084.3239	1,084.3239	0.0368	0.0000	1,085.0970	
Total	0.2217	0.3489	3.6051	0.0184	1.5791	0.0103	1.5894	0.4202	9.5700e-003	0.4298	0.0000	1,084.3239	1,084.3239	0.0368	0.0000	1,085.0970	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	13.0369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3581
Total	13.0408	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3581

3.5 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2217	0.3489	3.6051	0.0184	1.5791	0.0103	1.5894	0.4202	9.5700e-003	0.4298	0.0000	1,084.3239	1,084.3239	0.0368	0.0000	1,085.0970
Total	0.2217	0.3489	3.6051	0.0184	1.5791	0.0103	1.5894	0.4202	9.5700e-003	0.4298	0.0000	1,084.3239	1,084.3239	0.0368	0.0000	1,085.0970

3.5 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	13.0369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	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	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3581
Total	13.0592	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3581

3.5 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2140	0.3386	3.5055	0.0184	1.5791	0.0104	1.5895	0.4202	9.6800e-003	0.4299	0.0000	1,075.2306	1,075.2306	0.0361	0.0000	1,075.9886	
Total	0.2140	0.3386	3.5055	0.0184	1.5791	0.0104	1.5895	0.4202	9.6800e-003	0.4299	0.0000	1,075.2306	1,075.2306	0.0361	0.0000	1,075.9886	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	13.0369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3581
Total	13.0408	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3581

3.5 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2140	0.3386	3.5055	0.0184	1.5791	0.0104	1.5895	0.4202	9.6800e-003	0.4299	0.0000	1,075.2306	1,075.2306	0.0361	0.0000	1,075.9886	
Total	0.2140	0.3386	3.5055	0.0184	1.5791	0.0104	1.5895	0.4202	9.6800e-003	0.4299	0.0000	1,075.2306	1,075.2306	0.0361	0.0000	1,075.9886	

3.5 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	12.9870					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	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	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2303
Total	13.0092	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2303

3.5 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2062	0.3281	3.4055	0.0183	1.5730	0.0105	1.5835	0.4186	9.7400e-003	0.4283	0.0000	1,063.3888	1,063.3888	0.0353	0.0000	1,064.1304
Total	0.2062	0.3281	3.4055	0.0183	1.5730	0.0105	1.5835	0.4186	9.7400e-003	0.4283	0.0000	1,063.3888	1,063.3888	0.0353	0.0000	1,064.1304

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.9870					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2303
Total	12.9908	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2303

3.5 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2062	0.3281	3.4055	0.0183	1.5730	0.0105	1.5835	0.4186	9.7400e-003	0.4283	0.0000	1,063.3888	1,063.3888	0.0353	0.0000	1,064.1304
Total	0.2062	0.3281	3.4055	0.0183	1.5730	0.0105	1.5835	0.4186	9.7400e-003	0.4283	0.0000	1,063.3888	1,063.3888	0.0353	0.0000	1,064.1304

3.5 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	13.0369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	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	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3581
Total	13.0592	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3581

3.5 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2000	0.3206	3.3367	0.0184	1.5791	0.0106	1.5897	0.4202	9.8600e-003	0.4301	0.0000	1,060.9027	1,060.9027	0.0348	0.0000	1,061.6345
Total	0.2000	0.3206	3.3367	0.0184	1.5791	0.0106	1.5897	0.4202	9.8600e-003	0.4301	0.0000	1,060.9027	1,060.9027	0.0348	0.0000	1,061.6345

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	13.0369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3581
Total	13.0408	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3581

3.5 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2000	0.3206	3.3367	0.0184	1.5791	0.0106	1.5897	0.4202	9.8600e-003	0.4301	0.0000	1,060.9027	1,060.9027	0.0348	0.0000	1,061.6345
Total	0.2000	0.3206	3.3367	0.0184	1.5791	0.0106	1.5897	0.4202	9.8600e-003	0.4301	0.0000	1,060.9027	1,060.9027	0.0348	0.0000	1,061.6345

3.5 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	13.0369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3483
Total	13.0540	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3483

3.5 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1934	0.3128	3.2664	0.0184	1.5791	0.0107	1.5898	0.4202	9.9300e-003	0.4301	0.0000	1,055.3816	1,055.3816	0.0343	0.0000	1,056.1017	
Total	0.1934	0.3128	3.2664	0.0184	1.5791	0.0107	1.5898	0.4202	9.9300e-003	0.4301	0.0000	1,055.3816	1,055.3816	0.0343	0.0000	1,056.1017	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	13.0369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3482
Total	13.0408	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3482

3.5 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1934	0.3128	3.2664	0.0184	1.5791	0.0107	1.5898	0.4202	9.9300e-003	0.4301	0.0000	1,055.3816	1,055.3816	0.0343	0.0000	1,056.1017
Total	0.1934	0.3128	3.2664	0.0184	1.5791	0.0107	1.5898	0.4202	9.9300e-003	0.4301	0.0000	1,055.3816	1,055.3816	0.0343	0.0000	1,056.1017

3.5 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	1.8482					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4200e-003	0.0158	0.0333	5.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	4.7235	4.7235	1.9000e-004	0.0000	4.7275
Total	1.8506	0.0158	0.0333	5.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	4.7235	4.7235	1.9000e-004	0.0000	4.7275

3.5 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0264	0.0433	0.4539	2.6000e-003	0.2239	1.5200e-003	0.2254	0.0596	1.4100e-003	0.0610	0.0000	148.9634	148.9634	4.7900e-003	0.0000	149.0640
Total	0.0264	0.0433	0.4539	2.6000e-003	0.2239	1.5200e-003	0.2254	0.0596	1.4100e-003	0.0610	0.0000	148.9634	148.9634	4.7900e-003	0.0000	149.0640

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8482					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-004	2.3800e-003	0.0339	5.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	4.7235	4.7235	1.9000e-004	0.0000	4.7275
Total	1.8487	2.3800e-003	0.0339	5.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	4.7235	4.7235	1.9000e-004	0.0000	4.7275

3.5 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0264	0.0433	0.4539	2.6000e-003	0.2239	1.5200e-003	0.2254	0.0596	1.4100e-003	0.0610	0.0000	148.9634	148.9634	4.7900e-003	0.0000	149.0640	
Total	0.0264	0.0433	0.4539	2.6000e-003	0.2239	1.5200e-003	0.2254	0.0596	1.4100e-003	0.0610	0.0000	148.9634	148.9634	4.7900e-003	0.0000	149.0640	

3.6 Paving - 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	0.0786	0.4048	0.9001	1.5900e-003		0.0188	0.0188		0.0188	0.0188	0.0000	136.8028	136.8028	6.4100e-003	0.0000	136.9374
Paving	0.0455					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1241	0.4048	0.9001	1.5900e-003		0.0188	0.0188		0.0188	0.0188	0.0000	136.8028	136.8028	6.4100e-003	0.0000	136.9374

3.6 Paving - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	2.0500e-003	0.0215	1.2000e-004	0.0106	7.0000e-005	0.0107	2.8300e-003	7.0000e-005	2.8900e-003	0.0000	7.0689	7.0689	2.3000e-004	0.0000	7.0737
Total	1.2500e-003	2.0500e-003	0.0215	1.2000e-004	0.0106	7.0000e-005	0.0107	2.8300e-003	7.0000e-005	2.8900e-003	0.0000	7.0689	7.0689	2.3000e-004	0.0000	7.0737

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0159	0.0690	0.9818	1.5900e-003		2.1200e-003	2.1200e-003		2.1200e-003	2.1200e-003	0.0000	136.8026	136.8026	6.4100e-003	0.0000	136.9373
Paving	0.0455					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0614	0.0690	0.9818	1.5900e-003		2.1200e-003	2.1200e-003		2.1200e-003	2.1200e-003	0.0000	136.8026	136.8026	6.4100e-003	0.0000	136.9373

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Elementary School	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High School	0.00	0.00	0.00		
Junior High School	0.00	0.00	0.00		
Office Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	16.80	7.10	7.90	42.60	21.00	36.40	86	11	3
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Elementary School	14.70	6.60	6.60	65.00	30.00	5.00	63	25	12
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
High School	14.70	6.60	6.60	77.80	17.20	5.00	75	19	6
Junior High School	14.70	6.60	6.60	72.80	22.20	5.00	63	25	12
Office Park	14.70	6.60	6.60	33.00	48.00	19.00	82	15	3
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.60	21.00	36.40	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.464663	0.065213	0.188271	0.170001	0.059169	0.008390	0.013835	0.016041	0.001602	0.001225	0.007620	0.000492	0.003478

5.0 Energy Detail

2.4 Fleet Mix

Historical Energy Use: N

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
High School	0	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
High School	0	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	61.3370	0.5113	44.3234	2.3500e-003		0.2466	0.2466		0.2466	0.2466	0.0000	72.6696	72.6696	0.0693	0.0000	74.1250
Unmitigated	61.3370	0.5113	44.3234	2.3500e-003		0.2466	0.2466		0.2466	0.2466	0.0000	72.6696	72.6696	0.0693	0.0000	74.1250

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	60.0092					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.3277	0.5113	44.3234	2.3500e-003		0.2466	0.2466		0.2466	0.2466	0.0000	72.6696	72.6696	0.0693	0.0000	74.1250
Total	61.3370	0.5113	44.3234	2.3500e-003		0.2466	0.2466		0.2466	0.2466	0.0000	72.6696	72.6696	0.0693	0.0000	74.1250

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	60.0092					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.3277	0.5113	44.3234	2.3500e-003		0.2466	0.2466		0.2466	0.2466	0.0000	72.6696	72.6696	0.0693	0.0000	74.1250
Total	61.3370	0.5113	44.3234	2.3500e-003		0.2466	0.2466		0.2466	0.2466	0.0000	72.6696	72.6696	0.0693	0.0000	74.1250

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
High School	0 / 0	0.0000	0.0000	0.0000	0.0000
Junior High School	0 / 0	0.0000	0.0000	0.0000	0.0000
Office Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
High School	0 / 0	0.0000	0.0000	0.0000	0.0000
Junior High School	0 / 0	0.0000	0.0000	0.0000	0.0000
Office Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
High School	0	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
High School	0	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

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

Lincoln Village 5 - Construction 2024-2032

Placer-Sacramento County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,018.08	1000sqft	71.95	1,018,080.00	0
Office Park	395.80	1000sqft	32.10	395,800.00	0
Elementary School	1,300.00	Student	23.90	108,684.38	0
High School	1,000.00	Student	24.35	132,660.98	0
Junior High School	600.00	Student	10.00	70,537.01	0
Parking Lot	34.70	Acre	34.70	1,511,532.00	0
City Park	58.60	Acre	58.60	2,552,616.00	0
Apartments Mid Rise	1,497.00	Dwelling Unit	69.45	1,497,000.00	4281
Single Family Housing	4,488.00	Dwelling Unit	2,022.70	8,078,400.00	12836

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Construction phase information based on the Urban Decay/Fiscal analysis and Specific Plan. Also assumed 25% of commercial use acreage would be paved.

Construction Phase - Adjusted Start/End dates to fit into the 8 year development for this phase of construction

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Trips and VMT -

Grading - Approximately 2,348 acres disturbed for this Phase

Architectural Coating - Changed VOC to 100 g/L per PCAPCD recommendation

Vehicle Trips - Construction Only

Woodstoves - Construction Only

Consumer Products - Construction Only

Area Coating - Construction Only

Landscape Equipment - Construction Only

Energy Use - Construction Only

Water And Wastewater - Construction Only

Solid Waste - Construction Only

Construction Off-road Equipment Mitigation - Mitigation includes on-site fugitive dust control and Tier 4 engines.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	2,161,862.00	2,125,620.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	6,485,586.00	6,376,860.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00

tblConstructionPhase	NumDays	11,000.00	1,594.00
tblConstructionPhase	NumDays	155,000.00	1,637.00
tblConstructionPhase	NumDays	15,500.00	164.00
tblConstructionPhase	NumDays	11,000.00	116.00
tblConstructionPhase	NumDays	6,000.00	63.00
tblConstructionPhase	PhaseEndDate	4/1/2037	2/20/2031
tblConstructionPhase	PhaseStartDate	2/21/2031	1/13/2025
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	3.62	0.00
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	3.64	0.00
tblEnergyUse	LightingElect	0.88	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	2,554.47	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	4.35	0.00
tblEnergyUse	NT24E	5,098.84	0.00
tblEnergyUse	NT24NG	1,716.22	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	5,933.76	0.00

tblEnergyUse	T24E	322.48	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	3.93	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	3.66	0.00
tblEnergyUse	T24E	729.62	0.00
tblEnergyUse	T24NG	8,261.25	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	16.83	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	11.48	0.00
tblEnergyUse	T24NG	26,218.01	0.00
tblFireplaces	NumberGas	823.35	0.00
tblFireplaces	NumberGas	2,468.40	0.00
tblFireplaces	NumberNoFireplace	149.70	0.00
tblFireplaces	NumberNoFireplace	448.80	0.00
tblFireplaces	NumberWood	523.95	0.00
tblFireplaces	NumberWood	1,570.80	0.00
tblGrading	AcresOfGrading	410.00	2,348.00
tblGrading	AcresOfGrading	0.00	2,348.00
tblLandUse	LotAcreage	23.37	71.95
tblLandUse	LotAcreage	9.09	32.10
tblLandUse	LotAcreage	2.50	23.90
tblLandUse	LotAcreage	3.05	24.35
tblLandUse	LotAcreage	1.62	10.00
tblLandUse	LotAcreage	39.39	69.45

tblLandUse	LotAcreage	1,457.14	2,022.70
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	688.62	0.00
tblSolidWaste	SolidWasteGenerationRate	5.04	0.00
tblSolidWaste	SolidWasteGenerationRate	237.25	0.00
tblSolidWaste	SolidWasteGenerationRate	946.81	0.00
tblSolidWaste	SolidWasteGenerationRate	182.50	0.00
tblSolidWaste	SolidWasteGenerationRate	109.50	0.00
tblSolidWaste	SolidWasteGenerationRate	368.09	0.00
tblSolidWaste	SolidWasteGenerationRate	4,620.96	0.00
tblTripsAndVMT	VendorTripNumber	1,589.00	1,577.00
tblTripsAndVMT	WorkerTripNumber	4,984.00	4,953.00
tblTripsAndVMT	WorkerTripNumber	997.00	991.00
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	2.37	0.00
tblVehicleTrips	ST_TR	0.61	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	10.08	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	0.98	0.00
tblVehicleTrips	SU_TR	0.25	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	8.77	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	1.59	0.00

tblVehicleTrips	WD_TR	1.29	0.00
tblVehicleTrips	WD_TR	11.01	0.00
tblVehicleTrips	WD_TR	1.71	0.00
tblVehicleTrips	WD_TR	1.62	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	9.57	0.00
tblWater	IndoorWaterUseRate	97,535,576.36	0.00
tblWater	IndoorWaterUseRate	3,151,512.00	0.00
tblWater	IndoorWaterUseRate	180,947,174.16	0.00
tblWater	IndoorWaterUseRate	4,404,960.00	0.00
tblWater	IndoorWaterUseRate	1,454,544.00	0.00
tblWater	IndoorWaterUseRate	70,347,017.46	0.00
tblWater	IndoorWaterUseRate	292,411,266.99	0.00
tblWater	OutdoorWaterUseRate	61,489,819.88	0.00
tblWater	OutdoorWaterUseRate	69,820,807.09	0.00
tblWater	OutdoorWaterUseRate	8,103,888.00	0.00
tblWater	OutdoorWaterUseRate	110,903,106.74	0.00
tblWater	OutdoorWaterUseRate	11,327,040.00	0.00
tblWater	OutdoorWaterUseRate	3,740,256.00	0.00
tblWater	OutdoorWaterUseRate	43,115,913.92	0.00
tblWater	OutdoorWaterUseRate	184,346,233.54	0.00
tblWoodstoves	NumberCatalytic	74.85	0.00
tblWoodstoves	NumberCatalytic	224.40	0.00
tblWoodstoves	NumberNoncatalytic	74.85	0.00
tblWoodstoves	NumberNoncatalytic	224.40	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	21.6885	86.5278	346.1074	1.0457	72.7769	2.1874	74.9643	19.4971	2.0281	21.5251	0.0000	79,367.04 11	79,367.04 11	2.4604	0.0000	79,418.70 95
2025	122.8951	88.4904	368.4945	1.1850	85.4362	2.2387	87.6749	22.8543	2.0783	24.9327	0.0000	88,118.57 09	88,118.57 09	2.7503	0.0000	88,176.32 64
2026	122.2965	87.1858	361.6430	1.1850	85.4361	2.2435	87.6796	22.8543	2.0828	24.9371	0.0000	87,600.73 07	87,600.73 07	2.7097	0.0000	87,657.63 50
2027	121.8104	86.0703	355.8898	1.1849	85.4360	2.2495	87.6855	22.8542	2.0883	24.9425	0.0000	87,152.30 46	87,152.30 46	2.6736	0.0000	87,208.45 03
2028	121.4721	85.1245	350.9836	1.1849	85.4360	2.2537	87.6898	22.8542	2.0923	24.9465	0.0000	86,771.10 95	86,771.10 95	2.6413	0.0000	86,826.57 65
2029	121.0084	84.2636	346.2569	1.1849	85.4359	2.2570	87.6928	22.8542	2.0952	24.9494	0.0000	86,445.97 44	86,445.97 44	2.6106	0.0000	86,500.79 61
2030	120.4597	78.5981	340.8135	1.1888	85.4355	1.8505	87.2860	22.8540	1.7198	24.5738	0.0000	86,509.22 23	86,509.22 23	2.0969	0.0000	86,553.25 77
2031	120.0583	77.9499	337.8405	1.1888	85.4359	1.8529	87.2888	22.8542	1.7220	24.5761	0.0000	86,287.78 16	86,287.78 16	2.0716	0.0000	86,331.28 47
Total	871.6889	674.2104	2,808.029 2	9.3481	670.8285	17.1333	687.9618	179.4765	15.9067	195.3831	0.0000	688,252.7 350	688,252.7 350	20.0144	0.0000	688,673.0 364

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	343.5702	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	343.5702	5.6807	492.4819	0.0261	0.0000	2.7398	2.7398	0.0000	2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757

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	343.5702	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	343.5702	5.6807	492.4819	0.0261	0.0000	2.7398	2.7398	0.0000	2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2024	3/27/2024	5	63	
2	Grading	Grading	3/28/2024	11/12/2024	5	164	
3	Building Construction	Building Construction	11/13/2024	2/20/2031	5	1637	
4	Architectural Coating	Architectural Coating	1/13/2025	2/20/2031	5	1594	
5	Paving	Paving	2/21/2031	8/1/2031	5	116	

Acres of Grading (Site Preparation Phase): 2348

Acres of Grading (Grading Phase): 2348

Acres of Paving: 0

Residential Indoor: 19,390,185; Residential Outdoor: 6,463,395; Non-Residential Indoor: 6,376,860; Non-Residential Outdoor: 2,125,620 (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
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	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
Building Construction	9	4,953.00	1,577.00	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
Architectural Coating	1	991.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					57.5909	0.0000	57.5909	14.1984	0.0000	14.1984			0.0000			0.0000
Off-Road	2.8238	27.5450	27.6020	0.0392		1.2498	1.2498		1.1498	1.1498		3,794.3149	3,794.3149	1.2272		3,820.0852
Total	2.8238	27.5450	27.6020	0.0392	57.5909	1.2498	58.8407	14.1984	1.1498	15.3482		3,794.3149	3,794.3149	1.2272		3,820.0852

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0340	0.0578	0.5273	2.4800e-003	0.2299	1.4000e-003	0.2313	0.0610	1.3000e-003	0.0623		164.7018	164.7018	5.9200e-003			164.8261
Total	0.0340	0.0578	0.5273	2.4800e-003	0.2299	1.4000e-003	0.2313	0.0610	1.3000e-003	0.0623		164.7018	164.7018	5.9200e-003			164.8261

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					24.6201	0.0000	24.6201	6.0698	0.0000	6.0698			0.0000			0.0000
Off-Road	0.4757	2.0615	21.2415	0.0392		0.0634	0.0634		0.0634	0.0634	0.0000	3,794.3149	3,794.3149	1.2272		3,820.0852
Total	0.4757	2.0615	21.2415	0.0392	24.6201	0.0634	24.6836	6.0698	0.0634	6.1333	0.0000	3,794.3149	3,794.3149	1.2272		3,820.0852

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0340	0.0578	0.5273	2.4800e-003	0.2299	1.4000e-003	0.2313	0.0610	1.3000e-003	0.0623		164.7018	164.7018	5.9200e-003			164.8261
Total	0.0340	0.0578	0.5273	2.4800e-003	0.2299	1.4000e-003	0.2313	0.0610	1.3000e-003	0.0623		164.7018	164.7018	5.9200e-003			164.8261

3.3 Grading - 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						
Fugitive Dust					21.2054	0.0000	21.2054	4.9497	0.0000	4.9497			0.0000			0.0000	
Off-Road	3.3599	32.1927	33.4441	0.0618		1.4234	1.4234		1.3096	1.3096		5,984.0252	5,984.0252	1.9354			6,024.6677
Total	3.3599	32.1927	33.4441	0.0618	21.2054	1.4234	22.6288	4.9497	1.3096	6.2592		5,984.0252	5,984.0252	1.9354			6,024.6677

3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0378	0.0643	0.5859	2.7500e-003	0.2555	1.5500e-003	0.2570	0.0678	1.4400e-003	0.0692		183.0021	183.0021	6.5700e-003		183.1401
Total	0.0378	0.0643	0.5859	2.7500e-003	0.2555	1.5500e-003	0.2570	0.0678	1.4400e-003	0.0692		183.0021	183.0021	6.5700e-003		183.1401

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.0653	0.0000	9.0653	2.1160	0.0000	2.1160			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0618		0.1009	0.1009		0.1009	0.1009	0.0000	5,984.0252	5,984.0252	1.9354		6,024.6677
Total	0.7564	3.2778	34.7787	0.0618	9.0653	0.1009	9.1662	2.1160	0.1009	2.2168	0.0000	5,984.0252	5,984.0252	1.9354		6,024.6677

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0378	0.0643	0.5859	2.7500e-003	0.2555	1.5500e-003	0.2570	0.0678	1.4400e-003	0.0692		183.0021	183.0021	6.5700e-003			183.1401
Total	0.0378	0.0643	0.5859	2.7500e-003	0.2555	1.5500e-003	0.2570	0.0678	1.4400e-003	0.0692		183.0021	183.0021	6.5700e-003			183.1401

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009			2,557.7349
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009			2,557.7349

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.8714	57.2363	184.8688	0.3371	9.5121	1.1924	10.7044	2.7198	1.0970	3.8168		31,501.46 80	31,501.46 80	0.2312			31,506.32 31
Worker	9.3518	15.9142	145.1054	0.6818	63.2649	0.3845	63.6493	16.7772	0.3567	17.1339		45,320.45 77	45,320.45 77	1.6283			45,354.65 16
Total	20.2232	73.1504	329.9742	1.0188	72.7769	1.5769	74.3538	19.4971	1.4537	20.9508		76,821.92 56	76,821.92 56	1.8595			76,860.97 46

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.115 4	2,545.115 4	0.6009			2,557.734 9
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.115 4	2,545.115 4	0.6009			2,557.734 9

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.8714	57.2363	184.8688	0.3371	9.5121	1.1924	10.7044	2.7198	1.0970	3.8168		31,501.4680	31,501.4680	0.2312			31,506.3231
Worker	9.3518	15.9142	145.1054	0.6818	63.2649	0.3845	63.6493	16.7772	0.3567	17.1339		45,320.4577	45,320.4577	1.6283			45,354.6516
Total	20.2232	73.1504	329.9742	1.0188	72.7769	1.5769	74.3538	19.4971	1.4537	20.9508		76,821.9256	76,821.9256	1.8595			76,860.9746

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975			2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975			2,558.4386

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.6802	56.5544	182.8243	0.3371	9.5133	1.1948	10.7080	2.7203	1.0992	3.8195		31,506.51 11	31,506.51 11	0.2318			31,511.37 81
Worker	8.9850	15.3163	139.8317	0.6817	63.2649	0.3895	63.6544	16.7772	0.3614	17.1386		44,817.58 48	44,817.58 48	1.5879			44,850.93 10
Total	19.6652	71.8707	322.6560	1.0188	72.7781	1.5843	74.3624	19.4975	1.4606	20.9581		76,324.09 59	76,324.09 59	1.8197			76,362.30 91

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.890 5	2,545.890 5	0.5975			2,558.438 6
Total	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.890 5	2,545.890 5	0.5975			2,558.438 6

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.6802	56.5544	182.8243	0.3371	9.5133	1.1948	10.7080	2.7203	1.0992	3.8195		31,506.51 11	31,506.51 11	0.2318			31,511.37 81
Worker	8.9850	15.3163	139.8317	0.6817	63.2649	0.3895	63.6544	16.7772	0.3614	17.1386		44,817.58 48	44,817.58 48	1.5879			44,850.93 10
Total	19.6652	71.8707	322.6560	1.0188	72.7781	1.5843	74.3624	19.4975	1.4606	20.9581		76,324.09 59	76,324.09 59	1.8197			76,362.30 91

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.890 5	2,545.890 5	0.5975			2,558.438 6
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.890 5	2,545.890 5	0.5975			2,558.438 6

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.4662	55.8436	181.2016	0.3371	9.5132	1.1931	10.7062	2.7203	1.0977	3.8179		31,506.65 53	31,506.65 53	0.2318			31,511.52 38
Worker	8.6645	14.8216	135.4746	0.6817	63.2649	0.3949	63.6598	16.7772	0.3664	17.1436		44,385.96 02	44,385.96 02	1.5541			44,418.59 58
Total	19.1307	70.6651	316.6762	1.0188	72.7780	1.5880	74.3660	19.4975	1.4641	20.9615		75,892.61 55	75,892.61 55	1.7859			75,930.11 96

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.890 5	2,545.890 5	0.5975			2,558.438 6
Total	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.890 5	2,545.890 5	0.5975			2,558.438 6

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.4662	55.8436	181.2016	0.3371	9.5132	1.1931	10.7062	2.7203	1.0977	3.8179		31,506.65 53	31,506.65 53	0.2318			31,511.52 38
Worker	8.6645	14.8216	135.4746	0.6817	63.2649	0.3949	63.6598	16.7772	0.3664	17.1436		44,385.96 02	44,385.96 02	1.5541			44,418.59 58
Total	19.1307	70.6651	316.6762	1.0188	72.7780	1.5880	74.3660	19.4975	1.4641	20.9615		75,892.61 55	75,892.61 55	1.7859			75,930.11 96

3.4 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.890 5	2,545.890 5	0.5975			2,558.438 6
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.890 5	2,545.890 5	0.5975			2,558.438 6

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.3382	55.2559	180.0889	0.3370	9.5131	1.1935	10.7066	2.7202	1.0980	3.8182		31,506.0583	31,506.0583	0.2322			31,510.9336
Worker	8.3662	14.3817	131.6078	0.6817	63.2649	0.3996	63.6644	16.7772	0.3707	17.1479		44,012.7944	44,012.7944	1.5237			44,044.7922
Total	18.7044	69.6376	311.6967	1.0187	72.7779	1.5930	74.3710	19.4974	1.4687	20.9662		75,518.8527	75,518.8527	1.7559			75,555.7258

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386
Total	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.3382	55.2559	180.0889	0.3370	9.5131	1.1935	10.7066	2.7202	1.0980	3.8182		31,506.0583	31,506.0583	0.2322			31,510.9336
Worker	8.3662	14.3817	131.6078	0.6817	63.2649	0.3996	63.6644	16.7772	0.3707	17.1479		44,012.7944	44,012.7944	1.5237			44,044.7922
Total	18.7044	69.6376	311.6967	1.0187	72.7779	1.5930	74.3710	19.4974	1.4687	20.9662		75,518.8527	75,518.8527	1.7559			75,555.7258

3.4 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975			2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975			2,558.4386

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.3275	54.7822	179.2245	0.3370	9.5131	1.1928	10.7059	2.7202	1.0974	3.8176		31,506.8204	31,506.8204	0.2323			31,511.6983
Worker	8.0932	13.9884	128.2399	0.6817	63.2649	0.4037	63.6685	16.7772	0.3745	17.1517		43,694.5182	43,694.5182	1.4967			43,725.9483
Total	18.4206	68.7706	307.4644	1.0187	72.7780	1.5965	74.3744	19.4974	1.4719	20.9693		75,201.3386	75,201.3386	1.7290			75,237.6466

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386
Total	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.3275	54.7822	179.2245	0.3370	9.5131	1.1928	10.7059	2.7202	1.0974	3.8176		31,506.8204	31,506.8204	0.2323			31,511.6983
Worker	8.0932	13.9884	128.2399	0.6817	63.2649	0.4037	63.6685	16.7772	0.3745	17.1517		43,694.5182	43,694.5182	1.4967			43,725.9483
Total	18.4206	68.7706	307.4644	1.0187	72.7780	1.5965	74.3744	19.4974	1.4719	20.9693		75,201.3386	75,201.3386	1.7290			75,237.6466

3.4 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975			2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975			2,558.4386

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.1870	54.3672	178.2991	0.3370	9.5129	1.1920	10.7049	2.7201	1.0967	3.8168		31,505.9361	31,505.9361	0.2324			31,510.8157
Worker	7.8238	13.6168	125.0723	0.6817	63.2649	0.4070	63.6719	16.7772	0.3776	17.1549		43,424.3274	43,424.3274	1.4710			43,455.2184
Total	18.0109	67.9840	303.3714	1.0187	72.7778	1.5990	74.3768	19.4974	1.4743	20.9716		74,930.2635	74,930.2635	1.7034			74,966.0340

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386
Total	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.1870	54.3672	178.2991	0.3370	9.5129	1.1920	10.7049	2.7201	1.0967	3.8168		31,505.9361	31,505.9361	0.2324			31,510.8157
Worker	7.8238	13.6168	125.0723	0.6817	63.2649	0.4070	63.6719	16.7772	0.3776	17.1549		43,424.3274	43,424.3274	1.4710			43,455.2184
Total	18.0109	67.9840	303.3714	1.0187	72.7778	1.5990	74.3768	19.4974	1.4743	20.9716		74,930.2635	74,930.2635	1.7034			74,966.0340

3.4 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158			2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158			2,887.2617

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.0453	53.8840	176.0539	0.3369	9.5125	1.1910	10.7035	2.7200	1.0957	3.8157		31,502.59 57	31,502.59 57	0.2324			31,507.47 66
Worker	7.5660	13.2824	122.3506	0.6817	63.2649	0.4097	63.6746	16.7772	0.3801	17.1573		43,197.38 33	43,197.38 33	1.4477			43,227.78 42
Total	17.6112	67.1664	298.4044	1.0186	72.7774	1.6007	74.3780	19.4972	1.4758	20.9730		74,699.97 90	74,699.97 90	1.6801			74,735.26 08

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1158			2,887.261 7
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1158			2,887.261 7

3.4 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	10.0453	53.8840	176.0539	0.3369	9.5125	1.1910	10.7035	2.7200	1.0957	3.8157		31,502.59 57	31,502.59 57	0.2324			31,507.47 66
Worker	7.5660	13.2824	122.3506	0.6817	63.2649	0.4097	63.6746	16.7772	0.3801	17.1573		43,197.38 33	43,197.38 33	1.4477			43,227.78 42
Total	17.6112	67.1664	298.4044	1.0186	72.7774	1.6007	74.3780	19.4972	1.4758	20.9730		74,699.97 90	74,699.97 90	1.6801			74,735.26 08

3.4 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.830 0	2,884.830 0	0.1158			2,887.261 7
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.830 0	2,884.830 0	0.1158			2,887.261 7

3.4 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.9862	53.6122	176.0717	0.3370	9.5130	1.1911	10.7041	2.7201	1.0958	3.8160		31,507.2678	31,507.2678	0.2326			31,512.1519
Worker	7.2807	12.9687	119.8584	0.6817	63.2649	0.4116	63.6764	16.7772	0.3818	17.1591		43,008.9686	43,008.9686	1.4264			43,038.9234
Total	17.2668	66.5809	295.9301	1.0187	72.7779	1.6026	74.3805	19.4974	1.4777	20.9750		74,516.2365	74,516.2365	1.6590			74,551.0753

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1158			2,887.2617
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1158			2,887.2617

3.4 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.9862	53.6122	176.0717	0.3370	9.5130	1.1911	10.7041	2.7201	1.0958	3.8160		31,507.2678	31,507.2678	0.2326			31,512.1519
Worker	7.2807	12.9687	119.8584	0.6817	63.2649	0.4116	63.6764	16.7772	0.3818	17.1591		43,008.9686	43,008.9686	1.4264			43,038.9234
Total	17.2668	66.5809	295.9301	1.0187	72.7779	1.6026	74.3805	19.4974	1.4777	20.9750		74,516.2365	74,516.2365	1.6590			74,551.0753

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0154			281.7705
Total	100.0707	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.7977	3.0645	27.9776	0.1364	12.6581	0.0779	12.7360	3.3568	0.0723	3.4291		8,967.1364	8,967.1364	0.3177			8,973.8083
Total	1.7977	3.0645	27.9776	0.1364	12.6581	0.0779	12.7360	3.3568	0.0723	3.4291		8,967.1364	8,967.1364	0.3177			8,973.8083

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.7977	3.0645	27.9776	0.1364	12.6581	0.0779	12.7360	3.3568	0.0723	3.4291		8,967.1364	8,967.1364	0.3177			8,973.8083
Total	1.7977	3.0645	27.9776	0.1364	12.6581	0.0779	12.7360	3.3568	0.0723	3.4291		8,967.1364	8,967.1364	0.3177			8,973.8083

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0154			281.7705
Total	100.0707	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.7336	2.9655	27.1059	0.1364	12.6581	0.0790	12.7371	3.3568	0.0733	3.4301		8,880.7766	8,880.7766	0.3109			8,887.3064
Total	1.7336	2.9655	27.1059	0.1364	12.6581	0.0790	12.7371	3.3568	0.0733	3.4301		8,880.7766	8,880.7766	0.3109			8,887.3064

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.7336	2.9655	27.1059	0.1364	12.6581	0.0790	12.7371	3.3568	0.0733	3.4301		8,880.7766	8,880.7766	0.3109			8,887.3064
Total	1.7336	2.9655	27.1059	0.1364	12.6581	0.0790	12.7371	3.3568	0.0733	3.4301		8,880.7766	8,880.7766	0.3109			8,887.3064

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0154			281.7705
Total	100.0707	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.6739	2.8775	26.3322	0.1364	12.6581	0.0799	12.7380	3.3568	0.0742	3.4310		8,806.1133	8,806.1133	0.3049			8,812.5155
Total	1.6739	2.8775	26.3322	0.1364	12.6581	0.0799	12.7380	3.3568	0.0742	3.4310		8,806.1133	8,806.1133	0.3049			8,812.5155

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.6739	2.8775	26.3322	0.1364	12.6581	0.0799	12.7380	3.3568	0.0742	3.4310		8,806.1133	8,806.1133	0.3049			8,812.5155
Total	1.6739	2.8775	26.3322	0.1364	12.6581	0.0799	12.7380	3.3568	0.0742	3.4310		8,806.1133	8,806.1133	0.3049			8,812.5155

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0154			281.7705
Total	100.0707	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.6193	2.7988	25.6583	0.1364	12.6581	0.0808	12.7389	3.3568	0.0749	3.4317		8,742.4324	8,742.4324	0.2995			8,748.7209
Total	1.6193	2.7988	25.6583	0.1364	12.6581	0.0808	12.7389	3.3568	0.0749	3.4317		8,742.4324	8,742.4324	0.2995			8,748.7209

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.6193	2.7988	25.6583	0.1364	12.6581	0.0808	12.7389	3.3568	0.0749	3.4317		8,742.4324	8,742.4324	0.2995		8,748.7209
Total	1.6193	2.7988	25.6583	0.1364	12.6581	0.0808	12.7389	3.3568	0.0749	3.4317		8,742.4324	8,742.4324	0.2995		8,748.7209

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0154		281.7705
Total	100.0707	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705

3.5 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.5654	2.7245	25.0246	0.1364	12.6581	0.0814	12.7395	3.3568	0.0756	3.4324		8,688.372 4	8,688.372 4	0.2943			8,694.553 1
Total	1.5654	2.7245	25.0246	0.1364	12.6581	0.0814	12.7395	3.3568	0.0756	3.4324		8,688.372 4	8,688.372 4	0.2943			8,694.553 1

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.5654	2.7245	25.0246	0.1364	12.6581	0.0814	12.7395	3.3568	0.0756	3.4324		8,688.372 4	8,688.372 4	0.2943			8,694.553 1
Total	1.5654	2.7245	25.0246	0.1364	12.6581	0.0814	12.7395	3.3568	0.0756	3.4324		8,688.372 4	8,688.372 4	0.2943			8,694.553 1

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0114			281.6873
Total	100.0306	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.5138	2.6576	24.4800	0.1364	12.6581	0.0820	12.7401	3.3568	0.0761	3.4329		8,642.9652	8,642.9652	0.2897			8,649.0479
Total	1.5138	2.6576	24.4800	0.1364	12.6581	0.0820	12.7401	3.3568	0.0761	3.4329		8,642.9652	8,642.9652	0.2897			8,649.0479

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.5138	2.6576	24.4800	0.1364	12.6581	0.0820	12.7401	3.3568	0.0761	3.4329		8,642.9652	8,642.9652	0.2897			8,649.0479
Total	1.5138	2.6576	24.4800	0.1364	12.6581	0.0820	12.7401	3.3568	0.0761	3.4329		8,642.9652	8,642.9652	0.2897			8,649.0479

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0114			281.6873
Total	100.0306	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.4567	2.5948	23.9814	0.1364	12.6581	0.0824	12.7404	3.3568	0.0764	3.4332		8,605.267 1	8,605.267 1	0.2854			8,611.260 5
Total	1.4567	2.5948	23.9814	0.1364	12.6581	0.0824	12.7404	3.3568	0.0764	3.4332		8,605.267 1	8,605.267 1	0.2854			8,611.260 5

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.4567	2.5948	23.9814	0.1364	12.6581	0.0824	12.7404	3.3568	0.0764	3.4332		8,605.2671	8,605.2671	0.2854			8,611.2605
Total	1.4567	2.5948	23.9814	0.1364	12.6581	0.0824	12.7404	3.3568	0.0764	3.4332		8,605.2671	8,605.2671	0.2854			8,611.2605

3.6 Paving - 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219			2,602.5460
Paving	0.7837					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	2.1387	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219			2,602.5460

3.6 Paving - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0221	0.0393	0.3630	2.0600e-003	0.1916	1.2500e-003	0.1928	0.0508	1.1600e-003	0.0520		130.2513	130.2513	4.3200e-003			130.3420
Total	0.0221	0.0393	0.3630	2.0600e-003	0.1916	1.2500e-003	0.1928	0.0508	1.1600e-003	0.0520		130.2513	130.2513	4.3200e-003			130.3420

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.2745	1.1895	16.9276	0.0275		0.0366	0.0366		0.0366	0.0366	0.0000	2,599.9866	2,599.9866	0.1219			2,602.5460
Paving	0.7837					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.0582	1.1895	16.9276	0.0275		0.0366	0.0366		0.0366	0.0366	0.0000	2,599.9866	2,599.9866	0.1219			2,602.5460

3.6 Paving - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0221	0.0393	0.3630	2.0600e-003	0.1916	1.2500e-003	0.1928	0.0508	1.1600e-003	0.0520		130.2513	130.2513	4.3200e-003		130.3420
Total	0.0221	0.0393	0.3630	2.0600e-003	0.1916	1.2500e-003	0.1928	0.0508	1.1600e-003	0.0520		130.2513	130.2513	4.3200e-003		130.3420

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Elementary School	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High School	0.00	0.00	0.00		
Junior High School	0.00	0.00	0.00		
Office Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	16.80	7.10	7.90	42.60	21.00	36.40	86	11	3
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Elementary School	14.70	6.60	6.60	65.00	30.00	5.00	63	25	12
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
High School	14.70	6.60	6.60	77.80	17.20	5.00	75	19	6
Junior High School	14.70	6.60	6.60	72.80	22.20	5.00	63	25	12
Office Park	14.70	6.60	6.60	33.00	48.00	19.00	82	15	3
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.60	21.00	36.40	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.464663	0.065213	0.188271	0.170001	0.059169	0.008390	0.013835	0.016041	0.001602	0.001225	0.007620	0.000492	0.003478

5.0 Energy Detail

2.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	343.5702	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757
Unmitigated	343.5702	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	328.8176					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	14.7526	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398		890.0500	890.0500	0.8488		907.8757
Total	343.5702	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757

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			0.0000			0.0000
Consumer Products	328.8176					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	14.7526	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398		890.0500	890.0500	0.8488		907.8757
Total	343.5702	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Lincoln Village 5 - Construction 2024-2032

Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,018.08	1000sqft	71.95	1,018,080.00	0
Office Park	395.80	1000sqft	32.10	395,800.00	0
Elementary School	1,300.00	Student	23.90	108,684.38	0
High School	1,000.00	Student	24.35	132,660.98	0
Junior High School	600.00	Student	10.00	70,537.01	0
Parking Lot	34.70	Acre	34.70	1,511,532.00	0
City Park	58.60	Acre	58.60	2,552,616.00	0
Apartments Mid Rise	1,497.00	Dwelling Unit	69.45	1,497,000.00	4281
Single Family Housing	4,488.00	Dwelling Unit	2,022.70	8,078,400.00	12836

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
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 information based on the Urban Decay/Fiscal analysis and Specific Plan. Also assumed 25% of commercial use acreage would be paved.

Construction Phase - Adjusted Start/End dates to fit into the 8 year development for this phase of construction

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Trips and VMT -

Grading - Approximately 2,348 acres disturbed for this Phase

Architectural Coating - Changed VOC to 100 g/L per PCAPCD recommendation

Vehicle Trips - Construction Only

Woodstoves - Construction Only

Consumer Products - Construction Only

Area Coating - Construction Only

Landscape Equipment - Construction Only

Energy Use - Construction Only

Water And Wastewater - Construction Only

Solid Waste - Construction Only

Construction Off-road Equipment Mitigation - Mitigation includes on-site fugitive dust control and Tier 4 engines.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	2,161,862.00	2,125,620.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	6,485,586.00	6,376,860.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00

tblConstructionPhase	NumDays	11,000.00	1,594.00
tblConstructionPhase	NumDays	155,000.00	1,637.00
tblConstructionPhase	NumDays	15,500.00	164.00
tblConstructionPhase	NumDays	11,000.00	116.00
tblConstructionPhase	NumDays	6,000.00	63.00
tblConstructionPhase	PhaseEndDate	4/1/2037	2/20/2031
tblConstructionPhase	PhaseStartDate	2/21/2031	1/13/2025
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	3.62	0.00
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	3.64	0.00
tblEnergyUse	LightingElect	0.88	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	2,554.47	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	4.35	0.00
tblEnergyUse	NT24E	5,098.84	0.00
tblEnergyUse	NT24NG	1,716.22	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	5,933.76	0.00

tblEnergyUse	T24E	322.48	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	3.93	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	3.66	0.00
tblEnergyUse	T24E	729.62	0.00
tblEnergyUse	T24NG	8,261.25	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	16.83	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	11.48	0.00
tblEnergyUse	T24NG	26,218.01	0.00
tblFireplaces	NumberGas	823.35	0.00
tblFireplaces	NumberGas	2,468.40	0.00
tblFireplaces	NumberNoFireplace	149.70	0.00
tblFireplaces	NumberNoFireplace	448.80	0.00
tblFireplaces	NumberWood	523.95	0.00
tblFireplaces	NumberWood	1,570.80	0.00
tblGrading	AcresOfGrading	410.00	2,348.00
tblGrading	AcresOfGrading	0.00	2,348.00
tblLandUse	LotAcreage	23.37	71.95
tblLandUse	LotAcreage	9.09	32.10
tblLandUse	LotAcreage	2.50	23.90
tblLandUse	LotAcreage	3.05	24.35
tblLandUse	LotAcreage	1.62	10.00
tblLandUse	LotAcreage	39.39	69.45

tblLandUse	LotAcreage	1,457.14	2,022.70
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	688.62	0.00
tblSolidWaste	SolidWasteGenerationRate	5.04	0.00
tblSolidWaste	SolidWasteGenerationRate	237.25	0.00
tblSolidWaste	SolidWasteGenerationRate	946.81	0.00
tblSolidWaste	SolidWasteGenerationRate	182.50	0.00
tblSolidWaste	SolidWasteGenerationRate	109.50	0.00
tblSolidWaste	SolidWasteGenerationRate	368.09	0.00
tblSolidWaste	SolidWasteGenerationRate	4,620.96	0.00
tblTripsAndVMT	VendorTripNumber	1,589.00	1,577.00
tblTripsAndVMT	WorkerTripNumber	4,984.00	4,953.00
tblTripsAndVMT	WorkerTripNumber	997.00	991.00
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	2.37	0.00
tblVehicleTrips	ST_TR	0.61	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	10.08	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	0.98	0.00
tblVehicleTrips	SU_TR	0.25	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	8.77	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	1.59	0.00

tblVehicleTrips	WD_TR	1.29	0.00
tblVehicleTrips	WD_TR	11.01	0.00
tblVehicleTrips	WD_TR	1.71	0.00
tblVehicleTrips	WD_TR	1.62	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	9.57	0.00
tblWater	IndoorWaterUseRate	97,535,576.36	0.00
tblWater	IndoorWaterUseRate	3,151,512.00	0.00
tblWater	IndoorWaterUseRate	180,947,174.16	0.00
tblWater	IndoorWaterUseRate	4,404,960.00	0.00
tblWater	IndoorWaterUseRate	1,454,544.00	0.00
tblWater	IndoorWaterUseRate	70,347,017.46	0.00
tblWater	IndoorWaterUseRate	292,411,266.99	0.00
tblWater	OutdoorWaterUseRate	61,489,819.88	0.00
tblWater	OutdoorWaterUseRate	69,820,807.09	0.00
tblWater	OutdoorWaterUseRate	8,103,888.00	0.00
tblWater	OutdoorWaterUseRate	110,903,106.74	0.00
tblWater	OutdoorWaterUseRate	11,327,040.00	0.00
tblWater	OutdoorWaterUseRate	3,740,256.00	0.00
tblWater	OutdoorWaterUseRate	43,115,913.92	0.00
tblWater	OutdoorWaterUseRate	184,346,233.54	0.00
tblWoodstoves	NumberCatalytic	74.85	0.00
tblWoodstoves	NumberCatalytic	224.40	0.00
tblWoodstoves	NumberNoncatalytic	74.85	0.00
tblWoodstoves	NumberNoncatalytic	224.40	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	22.0714	80.3764	303.3268	1.1491	72.7769	2.1762	74.9531	19.4971	2.0178	21.5148	0.0000	86,349.2603	86,349.2603	2.4518	0.0000	86,400.7473
2025	123.6159	81.9693	332.9013	1.3088	85.4362	2.2276	87.6638	22.8543	2.0681	24.9224	0.0000	96,360.1037	96,360.1037	2.7416	0.0000	96,417.6774
2026	122.9805	80.8377	325.9764	1.3088	85.4361	2.2324	87.6685	22.8543	2.0726	24.9269	0.0000	95,770.2963	95,770.2963	2.7011	0.0000	95,827.0184
2027	122.4452	79.8713	319.9959	1.3088	85.4360	2.2384	87.6745	22.8542	2.0781	24.9324	0.0000	95,260.9908	95,260.9908	2.6649	0.0000	95,316.9540
2028	122.0394	79.0536	314.8092	1.3088	85.4360	2.2427	87.6788	22.8542	2.0821	24.9364	0.0000	94,828.7954	94,828.7954	2.6326	0.0000	94,884.0796
2029	121.5120	78.3106	309.8524	1.3088	85.4359	2.2460	87.6818	22.8542	2.0852	24.9393	0.0000	94,461.5057	94,461.5057	2.6018	0.0000	94,516.1444
2030	120.9152	72.7635	304.9201	1.3128	85.4355	1.8396	87.2751	22.8540	1.7097	24.5637	0.0000	94,489.9026	94,489.9026	2.0882	0.0000	94,533.7548
2031	120.4430	72.2075	301.4238	1.3129	85.4359	1.8420	87.2780	22.8542	1.7120	24.5661	0.0000	94,239.0564	94,239.0564	2.0628	0.0000	94,282.3761
Total	876.0224	625.3898	2,513.2058	10.3189	670.8285	17.0450	687.8735	179.4765	15.8255	195.3020	0.0000	751,759.9112	751,759.9112	19.9448	0.0000	752,178.7519

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	343.5702	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	343.5702	5.6807	492.4819	0.0261	0.0000	2.7398	2.7398	0.0000	2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757

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	343.5702	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	343.5702	5.6807	492.4819	0.0261	0.0000	2.7398	2.7398	0.0000	2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2024	3/27/2024	5	63	
2	Grading	Grading	3/28/2024	11/12/2024	5	164	
3	Building Construction	Building Construction	11/13/2024	2/20/2031	5	1637	
4	Architectural Coating	Architectural Coating	1/13/2025	2/20/2031	5	1594	
5	Paving	Paving	2/21/2031	8/1/2031	5	116	

Acres of Grading (Site Preparation Phase): 2348

Acres of Grading (Grading Phase): 2348

Acres of Paving: 0

Residential Indoor: 19,390,185; Residential Outdoor: 6,463,395; Non-Residential Indoor: 6,376,860; Non-Residential Outdoor: 2,125,620 (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
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	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
Building Construction	9	4,953.00	1,577.00	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
Architectural Coating	1	991.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					57.5909	0.0000	57.5909	14.1984	0.0000	14.1984			0.0000			0.0000
Off-Road	2.8238	27.5450	27.6020	0.0392		1.2498	1.2498		1.1498	1.1498		3,794.3149	3,794.3149	1.2272		3,820.0852
Total	2.8238	27.5450	27.6020	0.0392	57.5909	1.2498	58.8407	14.1984	1.1498	15.3482		3,794.3149	3,794.3149	1.2272		3,820.0852

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0408	0.0475	0.6588	2.8500e-003	0.2299	1.4000e-003	0.2313	0.0610	1.3000e-003	0.0623		189.0941	189.0941	5.9200e-003			189.2184
Total	0.0408	0.0475	0.6588	2.8500e-003	0.2299	1.4000e-003	0.2313	0.0610	1.3000e-003	0.0623		189.0941	189.0941	5.9200e-003			189.2184

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					24.6201	0.0000	24.6201	6.0698	0.0000	6.0698			0.0000			0.0000	
Off-Road	0.4757	2.0615	21.2415	0.0392		0.0634	0.0634		0.0634	0.0634	0.0000	3,794.3149	3,794.3149	1.2272			3,820.0852
Total	0.4757	2.0615	21.2415	0.0392	24.6201	0.0634	24.6836	6.0698	0.0634	6.1333	0.0000	3,794.3149	3,794.3149	1.2272			3,820.0852

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0408	0.0475	0.6588	2.8500e-003	0.2299	1.4000e-003	0.2313	0.0610	1.3000e-003	0.0623		189.0941	189.0941	5.9200e-003		189.2184
Total	0.0408	0.0475	0.6588	2.8500e-003	0.2299	1.4000e-003	0.2313	0.0610	1.3000e-003	0.0623		189.0941	189.0941	5.9200e-003		189.2184

3.3 Grading - 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					
Fugitive Dust					21.2054	0.0000	21.2054	4.9497	0.0000	4.9497			0.0000			0.0000
Off-Road	3.3599	32.1927	33.4441	0.0618		1.4234	1.4234		1.3096	1.3096		5,984.025 2	5,984.025 2	1.9354		6,024.667 7
Total	3.3599	32.1927	33.4441	0.0618	21.2054	1.4234	22.6288	4.9497	1.3096	6.2592		5,984.025 2	5,984.025 2	1.9354		6,024.667 7

3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0453	0.0527	0.7320	3.1600e-003	0.2555	1.5500e-003	0.2570	0.0678	1.4400e-003	0.0692		210.1046	210.1046	6.5700e-003		210.2426
Total	0.0453	0.0527	0.7320	3.1600e-003	0.2555	1.5500e-003	0.2570	0.0678	1.4400e-003	0.0692		210.1046	210.1046	6.5700e-003		210.2426

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.0653	0.0000	9.0653	2.1160	0.0000	2.1160			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0618		0.1009	0.1009		0.1009	0.1009	0.0000	5,984.0252	5,984.0252	1.9354		6,024.6677
Total	0.7564	3.2778	34.7787	0.0618	9.0653	0.1009	9.1662	2.1160	0.1009	2.2168	0.0000	5,984.0252	5,984.0252	1.9354		6,024.6677

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0453	0.0527	0.7320	3.1600e-003	0.2555	1.5500e-003	0.2570	0.0678	1.4400e-003	0.0692		210.1046	210.1046	6.5700e-003		210.2426
Total	0.0453	0.0527	0.7320	3.1600e-003	0.2555	1.5500e-003	0.2570	0.0678	1.4400e-003	0.0692		210.1046	210.1046	6.5700e-003		210.2426

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.3842	53.9422	105.9206	0.3388	9.5121	1.1812	10.6932	2.7198	1.0867	3.8065		31,771.74 87	31,771.74 87	0.2226			31,776.42 23
Worker	11.2219	13.0568	181.2730	0.7835	63.2649	0.3845	63.6493	16.7772	0.3567	17.1339		52,032.39 61	52,032.39 61	1.6283			52,066.59 00
Total	20.6061	66.9990	287.1936	1.1223	72.7769	1.5657	74.3426	19.4971	1.4434	20.9405		83,804.14 48	83,804.14 48	1.8508			83,843.01 24

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.115 4	2,545.115 4	0.6009			2,557.734 9
Total	0.3265	2.2289	17.4110	0.0268		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.115 4	2,545.115 4	0.6009			2,557.734 9

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.3842	53.9422	105.9206	0.3388	9.5121	1.1812	10.6932	2.7198	1.0867	3.8065		31,771.74 87	31,771.74 87	0.2226			31,776.42 23
Worker	11.2219	13.0568	181.2730	0.7835	63.2649	0.3845	63.6493	16.7772	0.3567	17.1339		52,032.39 61	52,032.39 61	1.6283			52,066.59 00
Total	20.6061	66.9990	287.1936	1.1223	72.7769	1.5657	74.3426	19.4971	1.4434	20.9405		83,804.14 48	83,804.14 48	1.8508			83,843.01 24

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.890 5	2,545.890 5	0.5975			2,558.438 6
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.890 5	2,545.890 5	0.5975			2,558.438 6

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.2528	53.3227	104.8143	0.3388	9.5133	1.1836	10.6969	2.7203	1.0890	3.8093		31,776.8518	31,776.8518	0.2231			31,781.5369
Worker	10.7751	12.5753	175.1766	0.7835	63.2649	0.3895	63.6544	16.7772	0.3614	17.1386		51,459.7979	51,459.7979	1.5879			51,493.1441
Total	20.0278	65.8980	279.9909	1.1223	72.7781	1.5732	74.3513	19.4975	1.4503	20.9479		83,236.6497	83,236.6497	1.8110			83,274.6810

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386
Total	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.2528	53.3227	104.8143	0.3388	9.5133	1.1836	10.6969	2.7203	1.0890	3.8093		31,776.8518	31,776.8518	0.2231			31,781.5369
Worker	10.7751	12.5753	175.1766	0.7835	63.2649	0.3895	63.6544	16.7772	0.3614	17.1386		51,459.7979	51,459.7979	1.5879			51,493.1441
Total	20.0278	65.8980	279.9909	1.1223	72.7781	1.5732	74.3513	19.4975	1.4503	20.9479		83,236.6497	83,236.6497	1.8110			83,274.6810

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975			2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975			2,558.4386

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.0897	52.6701	103.9327	0.3388	9.5132	1.1820	10.6951	2.7203	1.0875	3.8077		31,777.0400	31,777.0400	0.2232			31,781.7263
Worker	10.3815	12.1762	170.1408	0.7835	63.2649	0.3949	63.6598	16.7772	0.3664	17.1436		50,968.1680	50,968.1680	1.5541			51,000.8036
Total	19.4712	64.8463	274.0735	1.1222	72.7780	1.5769	74.3549	19.4975	1.4538	20.9513		82,745.2080	82,745.2080	1.7772			82,782.5299

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386
Total	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.0897	52.6701	103.9327	0.3388	9.5132	1.1820	10.6951	2.7203	1.0875	3.8077		31,777.0400	31,777.0400	0.2232			31,781.7263
Worker	10.3815	12.1762	170.1408	0.7835	63.2649	0.3949	63.6598	16.7772	0.3664	17.1436		50,968.1680	50,968.1680	1.5541			51,000.8036
Total	19.4712	64.8463	274.0735	1.1222	72.7780	1.5769	74.3549	19.4975	1.4538	20.9513		82,745.2080	82,745.2080	1.7772			82,782.5299

3.4 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975			2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975			2,558.4386

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.9985	52.1292	103.3138	0.3388	9.5131	1.1824	10.6955	2.7202	1.0879	3.8081		31,776.4800	31,776.4800	0.2235			31,781.1728
Worker	10.0114	11.8216	165.6732	0.7835	63.2649	0.3996	63.6644	16.7772	0.3707	17.1479		50,544.2420	50,544.2420	1.5237			50,576.2397
Total	19.0099	63.9508	268.9870	1.1222	72.7779	1.5820	74.3599	19.4974	1.4586	20.9560		82,320.7219	82,320.7219	1.7472			82,357.4125

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386
Total	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.9985	52.1292	103.3138	0.3388	9.5131	1.1824	10.6955	2.7202	1.0879	3.8081		31,776.4800	31,776.4800	0.2235			31,781.1728
Worker	10.0114	11.8216	165.6732	0.7835	63.2649	0.3996	63.6644	16.7772	0.3707	17.1479		50,544.2420	50,544.2420	1.5237			50,576.2397
Total	19.0099	63.9508	268.9870	1.1222	72.7779	1.5820	74.3599	19.4974	1.4586	20.9560		82,320.7219	82,320.7219	1.7472			82,357.4125

3.4 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975			2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975			2,558.4386

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.0055	51.6922	102.8066	0.3388	9.5131	1.1818	10.6949	2.7202	1.0873	3.8075		31,777.27 47	31,777.27 47	0.2236			31,781.96 98
Worker	9.6675	11.5044	161.7738	0.7835	63.2649	0.4037	63.6685	16.7772	0.3745	17.1517		50,183.44 11	50,183.44 11	1.4967			50,214.87 13
Total	18.6730	63.1966	264.5804	1.1222	72.7780	1.5855	74.3634	19.4974	1.4618	20.9592		81,960.71 58	81,960.71 58	1.7202			81,996.84 10

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.890 5	2,545.890 5	0.5975			2,558.438 6
Total	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.890 5	2,545.890 5	0.5975			2,558.438 6

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.0055	51.6922	102.8066	0.3388	9.5131	1.1818	10.6949	2.7202	1.0873	3.8075		31,777.27 47	31,777.27 47	0.2236			31,781.96 98
Worker	9.6675	11.5044	161.7738	0.7835	63.2649	0.4037	63.6685	16.7772	0.3745	17.1517		50,183.44 11	50,183.44 11	1.4967			50,214.87 13
Total	18.6730	63.1966	264.5804	1.1222	72.7780	1.5855	74.3634	19.4974	1.4618	20.9592		81,960.71 58	81,960.71 58	1.7202			81,996.84 10

3.4 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.890 5	2,545.890 5	0.5975			2,558.438 6
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.890 5	2,545.890 5	0.5975			2,558.438 6

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.8909	51.3084	102.2555	0.3387	9.5129	1.1810	10.6939	2.7201	1.0866	3.8067		31,776.41 48	31,776.41 48	0.2236			31,781.11 13
Worker	9.3234	11.2051	158.1028	0.7835	63.2649	0.4070	63.6719	16.7772	0.3776	17.1549		49,878.10 35	49,878.10 35	1.4710			49,908.99 46
Total	18.2143	62.5135	260.3582	1.1223	72.7778	1.5880	74.3658	19.4974	1.4642	20.9615		81,654.51 83	81,654.51 83	1.6946			81,690.10 58

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.890 5	2,545.890 5	0.5975			2,558.438 6
Total	0.3265	2.2289	17.4110	0.0269		0.0406	0.0406		0.0406	0.0406	0.0000	2,545.890 5	2,545.890 5	0.5975			2,558.438 6

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.8909	51.3084	102.2555	0.3387	9.5129	1.1810	10.6939	2.7201	1.0866	3.8067		31,776.41 48	31,776.41 48	0.2236			31,781.11 13
Worker	9.3234	11.2051	158.1028	0.7835	63.2649	0.4070	63.6719	16.7772	0.3776	17.1549		49,878.10 35	49,878.10 35	1.4710			49,908.99 46
Total	18.2143	62.5135	260.3582	1.1223	72.7778	1.5880	74.3658	19.4974	1.4642	20.9615		81,654.51 83	81,654.51 83	1.6946			81,690.10 58

3.4 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.830 0	2,884.830 0	0.1158			2,887.261 7
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.830 0	2,884.830 0	0.1158			2,887.261 7

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.7880	50.8657	101.0371	0.3387	9.5125	1.1800	10.6926	2.7200	1.0857	3.8056		31,773.09 83	31,773.09 83	0.2237			31,777.79 59
Worker	8.9931	10.9356	154.9511	0.7835	63.2649	0.4097	63.6746	16.7772	0.3801	17.1573		49,622.09 91	49,622.09 91	1.4477			49,652.50 00
Total	17.7811	61.8013	255.9883	1.1222	72.7774	1.5897	74.3671	19.4972	1.4658	20.9630		81,395.19 74	81,395.19 74	1.6714			81,430.29 59

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1158			2,887.261 7
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1158			2,887.261 7

3.4 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.7880	50.8657	101.0371	0.3387	9.5125	1.1800	10.6926	2.7200	1.0857	3.8056		31,773.0983	31,773.0983	0.2237			31,777.7959
Worker	8.9931	10.9356	154.9511	0.7835	63.2649	0.4097	63.6746	16.7772	0.3801	17.1573		49,622.0991	49,622.0991	1.4477			49,652.5000
Total	17.7811	61.8013	255.9883	1.1222	72.7774	1.5897	74.3671	19.4972	1.4658	20.9630		81,395.1974	81,395.1974	1.6714			81,430.2959

3.4 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158			2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158			2,887.2617

3.4 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.7392	50.6126	100.9882	0.3387	9.5130	1.1802	10.6932	2.7201	1.0858	3.8060		31,777.79 47	31,777.79 47	0.2238			31,782.49 54
Worker	8.6403	10.6832	152.0786	0.7836	63.2649	0.4116	63.6764	16.7772	0.3818	17.1591		49,409.16 11	49,409.16 11	1.4264			49,439.11 59
Total	17.3795	61.2958	253.0668	1.1223	72.7779	1.5918	74.3696	19.4974	1.4677	20.9650		81,186.95 59	81,186.95 59	1.6503			81,221.61 13

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1158			2,887.261 7
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1158			2,887.261 7

3.4 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	8.7392	50.6126	100.9882	0.3387	9.5130	1.1802	10.6932	2.7201	1.0858	3.8060		31,777.79 47	31,777.79 47	0.2238			31,782.49 54
Worker	8.6403	10.6832	152.0786	0.7836	63.2649	0.4116	63.6764	16.7772	0.3818	17.1591		49,409.16 11	49,409.16 11	1.4264			49,439.11 59
Total	17.3795	61.2958	253.0668	1.1223	72.7779	1.5918	74.3696	19.4974	1.4677	20.9650		81,186.95 59	81,186.95 59	1.6503			81,221.61 13

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0154			281.7705
Total	100.0707	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	2.1559	2.5161	35.0495	0.1568	12.6581	0.0779	12.7360	3.3568	0.0723	3.4291		10,296.1154	10,296.1154	0.3177			10,302.7874
Total	2.1559	2.5161	35.0495	0.1568	12.6581	0.0779	12.7360	3.3568	0.0723	3.4291		10,296.1154	10,296.1154	0.3177			10,302.7874

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	2.1559	2.5161	35.0495	0.1568	12.6581	0.0779	12.7360	3.3568	0.0723	3.4291		10,296.1154	10,296.1154	0.3177			10,302.7874
Total	2.1559	2.5161	35.0495	0.1568	12.6581	0.0779	12.7360	3.3568	0.0723	3.4291		10,296.1154	10,296.1154	0.3177			10,302.7874

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0154			281.7705
Total	100.0707	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	2.0771	2.4362	34.0419	0.1568	12.6581	0.0790	12.7371	3.3568	0.0733	3.4301		10,197.74 98	10,197.74 98	0.3109			10,204.27 95
Total	2.0771	2.4362	34.0419	0.1568	12.6581	0.0790	12.7371	3.3568	0.0733	3.4301		10,197.74 98	10,197.74 98	0.3109			10,204.27 95

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	2.0771	2.4362	34.0419	0.1568	12.6581	0.0790	12.7371	3.3568	0.0733	3.4301		10,197.74 98	10,197.74 98	0.3109			10,204.27 95
Total	2.0771	2.4362	34.0419	0.1568	12.6581	0.0790	12.7371	3.3568	0.0733	3.4301		10,197.74 98	10,197.74 98	0.3109			10,204.27 95

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0154			281.7705
Total	100.0707	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	2.0031	2.3653	33.1480	0.1568	12.6581	0.0799	12.7380	3.3568	0.0742	3.4310		10,112.9303	10,112.9303	0.3049			10,119.3324
Total	2.0031	2.3653	33.1480	0.1568	12.6581	0.0799	12.7380	3.3568	0.0742	3.4310		10,112.9303	10,112.9303	0.3049			10,119.3324

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	2.0031	2.3653	33.1480	0.1568	12.6581	0.0799	12.7380	3.3568	0.0742	3.4310		10,112.9303	10,112.9303	0.3049			10,119.3324
Total	2.0031	2.3653	33.1480	0.1568	12.6581	0.0799	12.7380	3.3568	0.0742	3.4310		10,112.9303	10,112.9303	0.3049			10,119.3324

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0154			281.7705
Total	100.0707	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.9343	2.3018	32.3678	0.1568	12.6581	0.0808	12.7389	3.3568	0.0749	3.4317		10,040.74 10	10,040.74 10	0.2995			10,047.02 96
Total	1.9343	2.3018	32.3678	0.1568	12.6581	0.0808	12.7389	3.3568	0.0749	3.4317		10,040.74 10	10,040.74 10	0.2995			10,047.02 96

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.9343	2.3018	32.3678	0.1568	12.6581	0.0808	12.7389	3.3568	0.0749	3.4317		10,040.74 10	10,040.74 10	0.2995			10,047.02 96
Total	1.9343	2.3018	32.3678	0.1568	12.6581	0.0808	12.7389	3.3568	0.0749	3.4317		10,040.74 10	10,040.74 10	0.2995			10,047.02 96

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0154			281.7705
Total	100.0707	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.8654	2.2419	31.6333	0.1568	12.6581	0.0814	12.7395	3.3568	0.0756	3.4324		9,979.6488	9,979.6488	0.2943			9,985,8295
Total	1.8654	2.2419	31.6333	0.1568	12.6581	0.0814	12.7395	3.3568	0.0756	3.4324		9,979.6488	9,979.6488	0.2943			9,985,8295

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154			281.7705

3.5 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.8654	2.2419	31.6333	0.1568	12.6581	0.0814	12.7395	3.3568	0.0756	3.4324		9,979.6488	9,979.6488	0.2943			9,985.8295
Total	1.8654	2.2419	31.6333	0.1568	12.6581	0.0814	12.7395	3.3568	0.0756	3.4324		9,979.6488	9,979.6488	0.2943			9,985.8295

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0114			281.6873
Total	100.0306	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.7994	2.1880	31.0027	0.1568	12.6581	0.0820	12.7401	3.3568	0.0761	3.4329		9,928.4273	9,928.4273	0.2897			9,934.5099
Total	1.7994	2.1880	31.0027	0.1568	12.6581	0.0820	12.7401	3.3568	0.0761	3.4329		9,928.4273	9,928.4273	0.2897			9,934.5099

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.7994	2.1880	31.0027	0.1568	12.6581	0.0820	12.7401	3.3568	0.0761	3.4329		9,928.4273	9,928.4273	0.2897			9,934.5099
Total	1.7994	2.1880	31.0027	0.1568	12.6581	0.0820	12.7401	3.3568	0.0761	3.4329		9,928.4273	9,928.4273	0.2897			9,934.5099

3.5 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	99.8998					0.0000	0.0000		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		281.4481	281.4481	0.0114			281.6873
Total	100.0306	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.7288	2.1375	30.4280	0.1568	12.6581	0.0824	12.7404	3.3568	0.0764	3.4332		9,885.8225	9,885.8225	0.2854			9,891.8158
Total	1.7288	2.1375	30.4280	0.1568	12.6581	0.0824	12.7404	3.3568	0.0764	3.4332		9,885.8225	9,885.8225	0.2854			9,891.8158

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	99.8998					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873
Total	99.9296	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	1.7288	2.1375	30.4280	0.1568	12.6581	0.0824	12.7404	3.3568	0.0764	3.4332		9,885.8225	9,885.8225	0.2854			9,891.8158
Total	1.7288	2.1375	30.4280	0.1568	12.6581	0.0824	12.7404	3.3568	0.0764	3.4332		9,885.8225	9,885.8225	0.2854			9,891.8158

3.6 Paving - 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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219			2,602.5460
Paving	0.7837					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	2.1387	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219			2,602.5460

3.6 Paving - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0262	0.0324	0.4606	2.3700e-003	0.1916	1.2500e-003	0.1928	0.0508	1.1600e-003	0.0520		149.6340	149.6340	4.3200e-003			149.7248
Total	0.0262	0.0324	0.4606	2.3700e-003	0.1916	1.2500e-003	0.1928	0.0508	1.1600e-003	0.0520		149.6340	149.6340	4.3200e-003			149.7248

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.2745	1.1895	16.9276	0.0275		0.0366	0.0366		0.0366	0.0366	0.0000	2,599.9866	2,599.9866	0.1219			2,602.5460
Paving	0.7837					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.0582	1.1895	16.9276	0.0275		0.0366	0.0366		0.0366	0.0366	0.0000	2,599.9866	2,599.9866	0.1219			2,602.5460

3.6 Paving - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0262	0.0324	0.4606	2.3700e-003	0.1916	1.2500e-003	0.1928	0.0508	1.1600e-003	0.0520		149.6340	149.6340	4.3200e-003		149.7248
Total	0.0262	0.0324	0.4606	2.3700e-003	0.1916	1.2500e-003	0.1928	0.0508	1.1600e-003	0.0520		149.6340	149.6340	4.3200e-003		149.7248

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Elementary School	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High School	0.00	0.00	0.00		
Junior High School	0.00	0.00	0.00		
Office Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	16.80	7.10	7.90	42.60	21.00	36.40	86	11	3
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Elementary School	14.70	6.60	6.60	65.00	30.00	5.00	63	25	12
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
High School	14.70	6.60	6.60	77.80	17.20	5.00	75	19	6
Junior High School	14.70	6.60	6.60	72.80	22.20	5.00	63	25	12
Office Park	14.70	6.60	6.60	33.00	48.00	19.00	82	15	3
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.60	21.00	36.40	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.464663	0.065213	0.188271	0.170001	0.059169	0.008390	0.013835	0.016041	0.001602	0.001225	0.007620	0.000492	0.003478

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	343.5702	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757
Unmitigated	343.5702	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	328.8176					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	14.7526	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398		890.0500	890.0500	0.8488		907.8757
Total	343.5702	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757

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			0.0000			0.0000
Consumer Products	328.8176					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	14.7526	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398		890.0500	890.0500	0.8488		907.8757
Total	343.5702	5.6807	492.4819	0.0261		2.7398	2.7398		2.7398	2.7398	0.0000	890.0500	890.0500	0.8488	0.0000	907.8757

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

***CalEEMod Model Construction Results – Annual, Summer, Winter, Mitigation
Report***

Programmatic Phase (Years 2032-2042)

Lincoln Village 5 - Construction 2032-2042

Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	101.10	1000sqft	7.30	101,100.00	0
High School	1,000.00	Student	24.40	132,660.98	0
Junior High School	600.00	Student	10.00	70,537.01	0
Parking Lot	46.20	Acre	46.20	2,012,472.00	0
Regional Shopping Center	1,166.40	1000sqft	87.60	1,166,400.00	0
Strip Mall	838.72	1000sqft	43.90	838,720.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
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 information based on the Urban Decay/Fiscal analysis and Specific Plan. Also assumed 25% of commercial use acreage would be paved.

Construction Phase - Adjusted Start/End dates to fit into the 10 year development for this phase of construction

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Trips and VMT -

Grading - Approximately 220 acres disturbed for this Phase

Architectural Coating - Changed VOC to 100 g/L per PCAPCD recommendation

Vehicle Trips - Construction Only

Woodstoves - Construction Only

Consumer Products - Construction Only

Area Coating - Construction Only

Landscape Equipment - Construction Only

Energy Use - Construction Only

Water And Wastewater - Construction Only

Solid Waste - Construction Only

Construction Off-road Equipment Mitigation - Mitigation includes on-site fugitive dust control and Tier 4 engines.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	330.00	2,003.00
tblConstructionPhase	NumDays	4,650.00	2,046.00
tblConstructionPhase	NumDays	465.00	205.00

tblConstructionPhase	NumDays	330.00	145.00
tblConstructionPhase	NumDays	180.00	79.00
tblConstructionPhase	PhaseEndDate	8/10/2048	12/5/2040
tblConstructionPhase	PhaseStartDate	12/6/2040	4/2/2033
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	3.64	0.00
tblEnergyUse	LightingElect	0.88	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	4.35	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	3.66	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	11.48	0.00
tblEnergyUse	T24NG	11.93	0.00

tblEnergyUse	T24NG	11.93	0.00
tblGrading	AcresOfGrading	512.50	220.00
tblGrading	AcresOfGrading	0.00	220.00
tblLandUse	LotAcreage	2.32	7.30
tblLandUse	LotAcreage	3.05	24.40
tblLandUse	LotAcreage	1.62	10.00
tblLandUse	LotAcreage	26.78	87.60
tblLandUse	LotAcreage	19.25	43.90
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	182.50	0.00
tblSolidWaste	SolidWasteGenerationRate	109.50	0.00
tblSolidWaste	SolidWasteGenerationRate	94.02	0.00
tblSolidWaste	SolidWasteGenerationRate	1,224.72	0.00
tblSolidWaste	SolidWasteGenerationRate	880.66	0.00
tblVehicleTrips	ST_TR	0.61	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	0.25	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	1.71	0.00
tblVehicleTrips	WD_TR	1.62	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	42.94	0.00
tblVehicleTrips	WD_TR	44.32	0.00

tblWater	IndoorWaterUseRate	4,404,960.00	0.00
tblWater	IndoorWaterUseRate	1,454,544.00	0.00
tblWater	IndoorWaterUseRate	17,968,881.92	0.00
tblWater	IndoorWaterUseRate	86,398,189.06	0.00
tblWater	IndoorWaterUseRate	62,126,105.22	0.00
tblWater	OutdoorWaterUseRate	11,327,040.00	0.00
tblWater	OutdoorWaterUseRate	3,740,256.00	0.00
tblWater	OutdoorWaterUseRate	11,013,185.69	0.00
tblWater	OutdoorWaterUseRate	52,953,728.78	0.00
tblWater	OutdoorWaterUseRate	38,077,290.30	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2032	0.3984	1.7721	3.1040	8.2200e-003	1.5952	0.0622	1.6574	0.7650	0.0622	0.8272	0.0000	776.7445	776.7445	0.0326	0.0000	777.4287
2033	2.0488	4.4734	14.8566	0.0544	3.9405	0.1069	4.0473	1.2156	0.1005	1.3161	0.0000	3,738.7098	3,738.7098	0.0842	0.0000	3,740.4782
2034	2.4595	4.7384	16.0539	0.0597	3.5921	0.1119	3.7040	0.9673	0.1049	1.0721	0.0000	4,066.2416	4,066.2416	0.0903	0.0000	4,068.1373
2035	2.4437	4.6266	16.0266	0.0599	3.6059	0.1034	3.7093	0.9710	0.0964	1.0674	0.0000	4,077.9334	4,077.9334	0.0890	0.0000	4,079.8015
2036	1.6110	1.0360	2.3431	4.4300e-003	3.0442	0.0131	3.0573	0.7472	0.0131	0.7603	0.0000	376.2843	376.2843	0.0140	0.0000	376.5786
2037	1.6049	1.0321	2.3342	4.4100e-003	3.0326	0.0131	3.0456	0.7444	0.0131	0.7574	0.0000	374.8481	374.8481	0.0140	0.0000	375.1412
2038	1.6049	1.0321	2.3342	4.4100e-003	3.0326	0.0131	3.0456	0.7444	0.0131	0.7574	0.0000	374.8481	374.8481	0.0140	0.0000	375.1412
2039	1.5987	1.0281	2.3252	4.3900e-003	3.0209	0.0130	3.0339	0.7415	0.0130	0.7545	0.0000	373.4119	373.4119	0.0139	0.0000	373.7039
2040	1.5078	0.9570	2.3124	4.3500e-003	2.8248	0.0109	2.8357	0.6934	0.0109	0.7042	0.0000	370.2245	370.2245	0.0132	0.0000	370.5026
2041	0.1159	0.2286	0.9835	1.7400e-003	0.0100	7.2300e-003	0.0173	2.4600e-003	7.2300e-003	9.6900e-003	0.0000	149.7754	149.7754	5.0400e-003	0.0000	149.8812
Total	15.3934	20.9243	62.6738	0.2059	27.6987	0.4547	28.1534	7.5922	0.4341	8.0263	0.0000	14,679.0214	14,679.0214	0.3701	0.0000	14,686.7944

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	16.8823	3.1000e-004	0.0343	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0671	0.0671	1.7000e-004	0.0000	0.0707
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	16.8823	3.1000e-004	0.0343	0.0000	0.0000	1.2000e-004	1.2000e-004	0.0000	1.2000e-004	1.2000e-004	0.0000	0.0671	0.0671	1.7000e-004	0.0000	0.0707

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	16.8823	3.1000e-004	0.0343	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0671	0.0671	1.7000e-004	0.0000	0.0707
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	16.8823	3.1000e-004	0.0343	0.0000	0.0000	1.2000e-004	1.2000e-004	0.0000	1.2000e-004	1.2000e-004	0.0000	0.0671	0.0671	1.7000e-004	0.0000	0.0707

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2032	4/20/2032	5	79	
2	Grading	Grading	4/21/2032	2/1/2033	5	205	
3	Building Construction	Building Construction	2/2/2033	12/5/2040	5	2046	
4	Architectural Coating	Architectural Coating	4/2/2033	12/5/2040	5	2003	
5	Paving	Paving	12/6/2040	6/26/2041	5	145	

Acres of Grading (Site Preparation Phase): 220

Acres of Grading (Grading Phase): 220

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,554,688; Non-Residential Outdoor: 1,184,896 (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
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	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
Building Construction	9	1,605.00	708.00	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
Architectural Coating	1	321.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					0.8303	0.0000	0.8303	0.4049	0.0000	0.4049	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0959	0.5159	0.6692	1.6700e-003		0.0166	0.0166		0.0166	0.0166	0.0000	161.4662	161.4662	7.7900e-003	0.0000	161.6297
Total	0.0959	0.5159	0.6692	1.6700e-003	0.8303	0.0166	0.8469	0.4049	0.0166	0.4215	0.0000	161.4662	161.4662	7.7900e-003	0.0000	161.6297

3.2 Site Preparation - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-004	1.6500e-003	0.0173	1.0000e-004	8.6800e-003	6.0000e-005	8.7400e-003	2.3100e-003	6.0000e-005	2.3700e-003	0.0000	5.7563	5.7563	1.8000e-004	0.0000	5.7601
Total	9.9000e-004	1.6500e-003	0.0173	1.0000e-004	8.6800e-003	6.0000e-005	8.7400e-003	2.3100e-003	6.0000e-005	2.3700e-003	0.0000	5.7563	5.7563	1.8000e-004	0.0000	5.7601

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3549	0.0000	0.3549	0.1731	0.0000	0.1731	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0188	0.0814	0.8390	1.6700e-003		2.5100e-003	2.5100e-003		2.5100e-003	2.5100e-003	0.0000	161.4660	161.4660	7.7900e-003	0.0000	161.6295
Total	0.0188	0.0814	0.8390	1.6700e-003	0.3549	2.5100e-003	0.3575	0.1731	2.5100e-003	0.1756	0.0000	161.4660	161.4660	7.7900e-003	0.0000	161.6295

3.2 Site Preparation - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-004	1.6500e-003	0.0173	1.0000e-004	8.6800e-003	6.0000e-005	8.7400e-003	2.3100e-003	6.0000e-005	2.3700e-003	0.0000	5.7563	5.7563	1.8000e-004	0.0000	5.7601
Total	9.9000e-004	1.6500e-003	0.0173	1.0000e-004	8.6800e-003	6.0000e-005	8.7400e-003	2.3100e-003	6.0000e-005	2.3700e-003	0.0000	5.7563	5.7563	1.8000e-004	0.0000	5.7601

3.3 Grading - 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					
Fugitive Dust					0.7339	0.0000	0.7339	0.3519	0.0000	0.3519	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2990	1.2503	2.3729	6.2000e-003		0.0453	0.0453		0.0453	0.0453	0.0000	594.7064	594.7064	0.0241	0.0000	595.2133
Total	0.2990	1.2503	2.3729	6.2000e-003	0.7339	0.0453	0.7793	0.3519	0.0453	0.3972	0.0000	594.7064	594.7064	0.0241	0.0000	595.2133

3.3 Grading - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5500e-003	4.2400e-003	0.0446	2.6000e-004	0.0223	1.5000e-004	0.0225	5.9500e-003	1.4000e-004	6.0900e-003	0.0000	14.8157	14.8157	4.7000e-004	0.0000	14.8256
Total	2.5500e-003	4.2400e-003	0.0446	2.6000e-004	0.0223	1.5000e-004	0.0225	5.9500e-003	1.4000e-004	6.0900e-003	0.0000	14.8157	14.8157	4.7000e-004	0.0000	14.8256

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3138	0.0000	0.3138	0.1504	0.0000	0.1504	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0692	0.2999	3.1823	6.2000e-003		9.2300e-003	9.2300e-003		9.2300e-003	9.2300e-003	0.0000	594.7057	594.7057	0.0241	0.0000	595.2126
Total	0.0692	0.2999	3.1823	6.2000e-003	0.3138	9.2300e-003	0.3230	0.1504	9.2300e-003	0.1597	0.0000	594.7057	594.7057	0.0241	0.0000	595.2126

3.3 Grading - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5500e-003	4.2400e-003	0.0446	2.6000e-004	0.0223	1.5000e-004	0.0225	5.9500e-003	1.4000e-004	6.0900e-003	0.0000	14.8157	14.8157	4.7000e-004	0.0000	14.8256
Total	2.5500e-003	4.2400e-003	0.0446	2.6000e-004	0.0223	1.5000e-004	0.0225	5.9500e-003	1.4000e-004	6.0900e-003	0.0000	14.8157	14.8157	4.7000e-004	0.0000	14.8256

3.3 Grading - 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					
Fugitive Dust					0.7339	0.0000	0.7339	0.3519	0.0000	0.3519	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0359	0.1503	0.2853	7.5000e-004		5.4500e-003	5.4500e-003		5.4500e-003	5.4500e-003	0.0000	71.4948	71.4948	2.9000e-003	0.0000	71.5557
Total	0.0359	0.1503	0.2853	7.5000e-004	0.7339	5.4500e-003	0.7394	0.3519	5.4500e-003	0.3573	0.0000	71.4948	71.4948	2.9000e-003	0.0000	71.5557

3.3 Grading - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-004	5.0000e-004	5.2800e-003	3.0000e-005	2.6900e-003	2.0000e-005	2.7000e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	1.7758	1.7758	6.0000e-005	0.0000	1.7770
Total	3.0000e-004	5.0000e-004	5.2800e-003	3.0000e-005	2.6900e-003	2.0000e-005	2.7000e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	1.7758	1.7758	6.0000e-005	0.0000	1.7770

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3138	0.0000	0.3138	0.1504	0.0000	0.1504	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.3200e-003	0.0361	0.3826	7.5000e-004		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	71.4947	71.4947	2.9000e-003	0.0000	71.5556
Total	8.3200e-003	0.0361	0.3826	7.5000e-004	0.3138	1.1100e-003	0.3149	0.1504	1.1100e-003	0.1515	0.0000	71.4947	71.4947	2.9000e-003	0.0000	71.5556

3.3 Grading - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-004	5.0000e-004	5.2800e-003	3.0000e-005	2.6900e-003	2.0000e-005	2.7000e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	1.7758	1.7758	6.0000e-005	0.0000	1.7770
Total	3.0000e-004	5.0000e-004	5.2800e-003	3.0000e-005	2.6900e-003	2.0000e-005	2.7000e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	1.7758	1.7758	6.0000e-005	0.0000	1.7770

3.4 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1552	0.9422	1.9196	3.6700e-003		0.0176	0.0176		0.0176	0.0176	0.0000	311.4318	311.4318	0.0125	0.0000	311.6943
Total	0.1552	0.9422	1.9196	3.6700e-003		0.0176	0.0176		0.0176	0.0176	0.0000	311.4318	311.4318	0.0125	0.0000	311.6943

3.4 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4748	2.7909	7.1329	0.0181	0.4896	0.0633	0.5529	0.1408	0.0582	0.1990	0.0000	1,534.781 4	1,534.781 4	0.0110	0.0000	1,535.013 1
Worker	0.2581	0.4347	4.5866	0.0271	2.3321	0.0160	2.3481	0.6206	0.0148	0.6354	0.0000	1,541.700 2	1,541.700 2	0.0487	0.0000	1,542.723 5
Total	0.7330	3.2256	11.7195	0.0452	2.8217	0.0793	2.9010	0.7613	0.0730	0.8344	0.0000	3,076.481 6	3,076.481 6	0.0598	0.0000	3,077.736 6

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0389	0.2652	2.0719	3.6700e-003		4.8300e-003	4.8300e-003		4.8300e-003	4.8300e-003	0.0000	311.4314	311.4314	0.0125	0.0000	311.6939
Total	0.0389	0.2652	2.0719	3.6700e-003		4.8300e-003	4.8300e-003		4.8300e-003	4.8300e-003	0.0000	311.4314	311.4314	0.0125	0.0000	311.6939

3.4 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4748	2.7909	7.1329	0.0181	0.4896	0.0633	0.5529	0.1408	0.0582	0.1990	0.0000	1,534.781 4	1,534.781 4	0.0110	0.0000	1,535.013 1
Worker	0.2581	0.4347	4.5866	0.0271	2.3321	0.0160	2.3481	0.6206	0.0148	0.6354	0.0000	1,541.700 2	1,541.700 2	0.0487	0.0000	1,542.723 5
Total	0.7330	3.2256	11.7195	0.0452	2.8217	0.0793	2.9010	0.7613	0.0730	0.8344	0.0000	3,076.481 6	3,076.481 6	0.0598	0.0000	3,077.736 6

3.4 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064
Total	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064

3.4 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5176	3.0363	7.7912	0.0197	0.5349	0.0691	0.6040	0.1538	0.0636	0.2173	0.0000	1,676.7850	1,676.7850	0.0121	0.0000	1,677.0382	
Worker	0.2746	0.4679	4.9433	0.0296	2.5477	0.0175	2.5651	0.6779	0.0162	0.6942	0.0000	1,680.0372	1,680.0372	0.0527	0.0000	1,681.1435	
Total	0.7922	3.5042	12.7345	0.0494	3.0826	0.0866	3.1691	0.8317	0.0798	0.9115	0.0000	3,356.8222	3,356.8222	0.0647	0.0000	3,358.1817	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0424	0.2898	2.2634	4.0100e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060
Total	0.0424	0.2898	2.2634	4.0100e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	340.2192	340.2192	0.0137	0.0000	340.5060

3.4 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5176	3.0363	7.7912	0.0197	0.5349	0.0691	0.6040	0.1538	0.0636	0.2173	0.0000	1,676.7850	1,676.7850	0.0121	0.0000	1,677.0382
Worker	0.2746	0.4679	4.9433	0.0296	2.5477	0.0175	2.5651	0.6779	0.0162	0.6942	0.0000	1,680.0372	1,680.0372	0.0527	0.0000	1,681.1435
Total	0.7922	3.5042	12.7345	0.0494	3.0826	0.0866	3.1691	0.8317	0.0798	0.9115	0.0000	3,356.8222	3,356.8222	0.0647	0.0000	3,358.1817

3.4 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1582	0.9332	2.1000	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.5281	341.5281	0.0127	0.0000	341.7954
Total	0.1582	0.9332	2.1000	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.5281	341.5281	0.0127	0.0000	341.7954

3.4 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5157	3.0374	7.8058	0.0198	0.5370	0.0693	0.6063	0.1544	0.0638	0.2181	0.0000	1,683.4067	1,683.4067	0.0121	0.0000	1,683.6609	
Worker	0.2693	0.4643	4.9056	0.0297	2.5575	0.0176	2.5750	0.6805	0.0163	0.6968	0.0000	1,683.0655	1,683.0655	0.0524	0.0000	1,684.1661	
Total	0.7850	3.5016	12.7113	0.0496	3.0944	0.0869	3.1813	0.8349	0.0801	0.9150	0.0000	3,366.4722	3,366.4722	0.0645	0.0000	3,367.8270	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.5277	341.5277	0.0127	0.0000	341.7950
Total	0.0426	0.2909	2.2721	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.5277	341.5277	0.0127	0.0000	341.7950

3.4 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5157	3.0374	7.8058	0.0198	0.5370	0.0693	0.6063	0.1544	0.0638	0.2181	0.0000	1,683.4067	1,683.4067	0.0121	0.0000	1,683.6609
Worker	0.2693	0.4643	4.9056	0.0297	2.5575	0.0176	2.5750	0.6805	0.0163	0.6968	0.0000	1,683.0655	1,683.0655	0.0524	0.0000	1,684.1661
Total	0.7850	3.5016	12.7113	0.0496	3.0944	0.0869	3.1813	0.8349	0.0801	0.9150	0.0000	3,366.4722	3,366.4722	0.0645	0.0000	3,367.8270

3.4 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9368	2.1081	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	342.8367	342.8367	0.0128	0.0000	343.1050
Total	0.1588	0.9368	2.1081	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	342.8367	342.8367	0.0128	0.0000	343.1050

3.4 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.3842	0.0000	0.3842	0.0943	0.0000	0.0943	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					2.2167	0.0000	2.2167	0.5441	0.0000	0.5441	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					2.6008	0.0000	2.6008	0.6384	0.0000	0.6384	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0428	0.2920	2.2808	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	342.8363	342.8363	0.0128	0.0000	343.1046
Total	0.0428	0.2920	2.2808	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	342.8363	342.8363	0.0128	0.0000	343.1046

3.4 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.3842	0.0000	0.3842	0.0943	0.0000	0.0943	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					2.2167	0.0000	2.2167	0.5441	0.0000	0.5441	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					2.6008	0.0000	2.6008	0.6384	0.0000	0.6384	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.4 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1582	0.9332	2.1000	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.5281	341.5281	0.0127	0.0000	341.7954
Total	0.1582	0.9332	2.1000	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.5281	341.5281	0.0127	0.0000	341.7954

3.4 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.3827	0.0000	0.3827	0.0939	0.0000	0.0939	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					2.2082	0.0000	2.2082	0.5420	0.0000	0.5420	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					2.5909	0.0000	2.5909	0.6360	0.0000	0.6360	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.5277	341.5277	0.0127	0.0000	341.7950
Total	0.0426	0.2909	2.2721	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.5277	341.5277	0.0127	0.0000	341.7950

3.4 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.3827	0.0000	0.3827	0.0939	0.0000	0.0939	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					2.2082	0.0000	2.2082	0.5420	0.0000	0.5420	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					2.5909	0.0000	2.5909	0.6360	0.0000	0.6360	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.4 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1582	0.9332	2.1000	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.5281	341.5281	0.0127	0.0000	341.7954
Total	0.1582	0.9332	2.1000	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.5281	341.5281	0.0127	0.0000	341.7954

3.4 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.3827	0.0000	0.3827	0.0939	0.0000	0.0939	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					2.2082	0.0000	2.2082	0.5420	0.0000	0.5420	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					2.5909	0.0000	2.5909	0.6360	0.0000	0.6360	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.5277	341.5277	0.0127	0.0000	341.7950
Total	0.0426	0.2909	2.2721	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.5277	341.5277	0.0127	0.0000	341.7950

3.4 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.3827	0.0000	0.3827	0.0939	0.0000	0.0939	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					2.2082	0.0000	2.2082	0.5420	0.0000	0.5420	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					2.5909	0.0000	2.5909	0.6360	0.0000	0.6360	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.4 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1576	0.9296	2.0920	4.0100e-003		0.0117	0.0117		0.0117	0.0117	0.0000	340.2196	340.2196	0.0127	0.0000	340.4859
Total	0.1576	0.9296	2.0920	4.0100e-003		0.0117	0.0117		0.0117	0.0117	0.0000	340.2196	340.2196	0.0127	0.0000	340.4859

3.4 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.3812	0.0000	0.3812	0.0936	0.0000	0.0936	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					2.1998	0.0000	2.1998	0.5399	0.0000	0.5399	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					2.5810	0.0000	2.5810	0.6335	0.0000	0.6335	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0424	0.2898	2.2634	4.0100e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	340.2192	340.2192	0.0127	0.0000	340.4855
Total	0.0424	0.2898	2.2634	4.0100e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	340.2192	340.2192	0.0127	0.0000	340.4855

3.4 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.3812	0.0000	0.3812	0.0936	0.0000	0.0936	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					2.1998	0.0000	2.1998	0.5399	0.0000	0.5399	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					2.5810	0.0000	2.5810	0.6335	0.0000	0.6335	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.4 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1449	0.8362	1.9553	3.7400e-003		8.9200e-003	8.9200e-003		8.9200e-003	8.9200e-003	0.0000	317.9745	317.9745	0.0114	0.0000	318.2146
Total	0.1449	0.8362	1.9553	3.7400e-003		8.9200e-003	8.9200e-003		8.9200e-003	8.9200e-003	0.0000	317.9745	317.9745	0.0114	0.0000	318.2146

3.4 Building Construction - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.3563	0.0000	0.3563	0.0875	0.0000	0.0875	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					2.0559	0.0000	2.0559	0.5046	0.0000	0.5046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					2.4122	0.0000	2.4122	0.5921	0.0000	0.5921	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0397	0.2708	2.1154	3.7400e-003		4.9300e-003	4.9300e-003		4.9300e-003	4.9300e-003	0.0000	317.9741	317.9741	0.0114	0.0000	318.2143
Total	0.0397	0.2708	2.1154	3.7400e-003		4.9300e-003	4.9300e-003		4.9300e-003	4.9300e-003	0.0000	317.9741	317.9741	0.0114	0.0000	318.2143

3.4 Building Construction - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.3563	0.0000	0.3563	0.0875	0.0000	0.0875	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					2.0559	0.0000	2.0559	0.5046	0.0000	0.5046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					2.4122	0.0000	2.4122	0.5921	0.0000	0.5921	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.5 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	1.0693					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0128	0.0835	0.1753	2.9000e-004		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003	0.0000	24.8942	24.8942	1.0100e-003	0.0000	24.9154
Total	1.0821	0.0835	0.1753	2.9000e-004		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003	0.0000	24.8942	24.8942	1.0100e-003	0.0000	24.9154

3.5 Architectural Coating - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0423	0.0712	0.7516	4.4400e-003	0.3822	2.6200e-003	0.3848	0.1017	2.4300e-003	0.1041	0.0000	252.6316	252.6316	7.9800e-003	0.0000	252.7992	
Total	0.0423	0.0712	0.7516	4.4400e-003	0.3822	2.6200e-003	0.3848	0.1017	2.4300e-003	0.1041	0.0000	252.6316	252.6316	7.9800e-003	0.0000	252.7992	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0693					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-003	0.0126	0.1787	2.9000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	24.8942	24.8942	1.0100e-003	0.0000	24.9154
Total	1.0722	0.0126	0.1787	2.9000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	24.8942	24.8942	1.0100e-003	0.0000	24.9154

3.5 Architectural Coating - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0423	0.0712	0.7516	4.4400e-003	0.3822	2.6200e-003	0.3848	0.1017	2.4300e-003	0.1041	0.0000	252.6316	252.6316	7.9800e-003	0.0000	252.7992
Total	0.0423	0.0712	0.7516	4.4400e-003	0.3822	2.6200e-003	0.3848	0.1017	2.4300e-003	0.1041	0.0000	252.6316	252.6316	7.9800e-003	0.0000	252.7992

3.5 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	1.4258					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205
Total	1.4428	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205

3.5 Architectural Coating - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0549	0.0936	0.9887	5.9200e-003	0.5095	3.5000e-003	0.5130	0.1356	3.2400e-003	0.1388	0.0000	336.0074	336.0074	0.0105	0.0000	336.2287
Total	0.0549	0.0936	0.9887	5.9200e-003	0.5095	3.5000e-003	0.5130	0.1356	3.2400e-003	0.1388	0.0000	336.0074	336.0074	0.0105	0.0000	336.2287

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4258					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205
Total	1.4296	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205

3.5 Architectural Coating - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0549	0.0936	0.9887	5.9200e-003	0.5095	3.5000e-003	0.5130	0.1356	3.2400e-003	0.1388	0.0000	336.0074	336.0074	0.0105	0.0000	336.2287
Total	0.0549	0.0936	0.9887	5.9200e-003	0.5095	3.5000e-003	0.5130	0.1356	3.2400e-003	0.1388	0.0000	336.0074	336.0074	0.0105	0.0000	336.2287

3.5 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	1.4313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3458
Total	1.4466	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3458

3.5 Architectural Coating - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0539	0.0929	0.9811	5.9500e-003	0.5115	3.5100e-003	0.5150	0.1361	3.2600e-003	0.1394	0.0000	336.6131	336.6131	0.0105	0.0000	336.8332	
Total	0.0539	0.0929	0.9811	5.9500e-003	0.5115	3.5100e-003	0.5150	0.1361	3.2600e-003	0.1394	0.0000	336.6131	336.6131	0.0105	0.0000	336.8332	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3458
Total	1.4351	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3458

3.5 Architectural Coating - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0539	0.0929	0.9811	5.9500e-003	0.5115	3.5100e-003	0.5150	0.1361	3.2600e-003	0.1394	0.0000	336.6131	336.6131	0.0105	0.0000	336.8332
Total	0.0539	0.0929	0.9811	5.9500e-003	0.5115	3.5100e-003	0.5150	0.1361	3.2600e-003	0.1394	0.0000	336.6131	336.6131	0.0105	0.0000	336.8332

3.5 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4368					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4736
Total	1.4522	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4736

3.5 Architectural Coating - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.4433	0.0000	0.4433	0.1088	0.0000	0.1088	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					0.4433	0.0000	0.4433	0.1088	0.0000	0.1088	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4368					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8900e-003	0.0169	0.2401	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4735
Total	1.4406	0.0169	0.2401	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4735

3.5 Architectural Coating - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.4433	0.0000	0.4433	0.1088	0.0000	0.1088	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					0.4433	0.0000	0.4433	0.1088	0.0000	0.1088	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.5 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3458
Total	1.4466	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3458

3.5 Architectural Coating - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.4417	0.0000	0.4417	0.1084	0.0000	0.1084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					0.4417	0.0000	0.4417	0.1084	0.0000	0.1084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3458
Total	1.4351	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3458

3.5 Architectural Coating - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.4417	0.0000	0.4417	0.1084	0.0000	0.1084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					0.4417	0.0000	0.4417	0.1084	0.0000	0.1084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.5 Architectural Coating - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3458
Total	1.4466	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3458

3.5 Architectural Coating - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.4417	0.0000	0.4417	0.1084	0.0000	0.1084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					0.4417	0.0000	0.4417	0.1084	0.0000	0.1084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3458
Total	1.4351	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3458

3.5 Architectural Coating - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.4417	0.0000	0.4417	0.1084	0.0000	0.1084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					0.4417	0.0000	0.4417	0.1084	0.0000	0.1084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.5 Architectural Coating - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4258					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2181
Total	1.4411	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2181

3.5 Architectural Coating - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.4400	0.0000	0.4400	0.1080	0.0000	0.1080	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					0.4400	0.0000	0.4400	0.1080	0.0000	0.1080	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4258					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2180
Total	1.4296	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2180

3.5 Architectural Coating - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.4400	0.0000	0.4400	0.1080	0.0000	0.1080	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					0.4400	0.0000	0.4400	0.1080	0.0000	0.1080	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.5 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3326					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0140	0.0883	0.2178	3.6000e-004		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	31.0220	31.0220	1.0900e-003	0.0000	31.0450
Total	1.3465	0.0883	0.2178	3.6000e-004		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	31.0220	31.0220	1.0900e-003	0.0000	31.0450

3.5 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.4112	0.0000	0.4112	0.1009	0.0000	0.1009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					0.4112	0.0000	0.4112	0.1009	0.0000	0.1009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3326					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6100e-003	0.0156	0.2226	3.6000e-004		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	31.0220	31.0220	1.0900e-003	0.0000	31.0449
Total	1.3362	0.0156	0.2226	3.6000e-004		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	31.0220	31.0220	1.0900e-003	0.0000	31.0449

3.5 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.4112	0.0000	0.4112	0.1009	0.0000	0.1009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					0.4112	0.0000	0.4112	0.1009	0.0000	0.1009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.6 Paving - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.9100e-003	0.0324	0.1394	2.5000e-004		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	21.2280	21.2280	7.1000e-004	0.0000	21.2430
Paving	7.5100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0164	0.0324	0.1394	2.5000e-004		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	21.2280	21.2280	7.1000e-004	0.0000	21.2430

3.6 Paving - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					1.4200e-003	0.0000	1.4200e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					1.4200e-003	0.0000	1.4200e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.4700e-003	0.0107	0.1524	2.5000e-004		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	21.2280	21.2280	7.1000e-004	0.0000	21.2430
Paving	7.5100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.9800e-003	0.0107	0.1524	2.5000e-004		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	21.2280	21.2280	7.1000e-004	0.0000	21.2430

3.6 Paving - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					1.4200e-003	0.0000	1.4200e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					1.4200e-003	0.0000	1.4200e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.6 Paving - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0629	0.2286	0.9835	1.7400e-003		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003	0.0000	149.7754	149.7754	5.0400e-003	0.0000	149.8812
Paving	0.0530					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1159	0.2286	0.9835	1.7400e-003		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003	0.0000	149.7754	149.7754	5.0400e-003	0.0000	149.8812

3.6 Paving - 2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0100	0.0000	0.0100	2.4600e-003	0.0000	2.4600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					0.0100	0.0000	0.0100	2.4600e-003	0.0000	2.4600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0174	0.0755	1.0749	1.7400e-003		2.3200e-003	2.3200e-003		2.3200e-003	2.3200e-003	0.0000	149.7753	149.7753	5.0400e-003	0.0000	149.8810
Paving	0.0530					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0704	0.0755	1.0749	1.7400e-003		2.3200e-003	2.3200e-003		2.3200e-003	2.3200e-003	0.0000	149.7753	149.7753	5.0400e-003	0.0000	149.8810

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High School	0.00	0.00	0.00		
Junior High School	0.00	0.00	0.00		
Office Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
High School	14.70	6.60	6.60	77.80	17.20	5.00	75	19	6
Junior High School	14.70	6.60	6.60	72.80	22.20	5.00	63	25	12
Office Park	14.70	6.60	6.60	33.00	48.00	19.00	82	15	3
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Regional Shopping Center	14.70	6.60	6.60	16.30	64.70	19.00	54	35	11
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.464663	0.065213	0.188271	0.170001	0.059169	0.008390	0.013835	0.016041	0.001602	0.001225	0.007620	0.000492	0.003478

5.0 Energy Detail

2.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
High School	0	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
High School	0	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	16.8823	3.1000e-004	0.0343	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0671	0.0671	1.7000e-004	0.0000	0.0707
Unmitigated	16.8823	3.1000e-004	0.0343	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0671	0.0671	1.7000e-004	0.0000	0.0707

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	16.8791					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1400e-003	3.1000e-004	0.0343	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0671	0.0671	1.7000e-004	0.0000	0.0707
Total	16.8823	3.1000e-004	0.0343	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0671	0.0671	1.7000e-004	0.0000	0.0707

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	16.8791					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1400e-003	3.1000e-004	0.0343	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0671	0.0671	1.7000e-004	0.0000	0.0707
Total	16.8823	3.1000e-004	0.0343	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0671	0.0671	1.7000e-004	0.0000	0.0707

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
High School	0 / 0	0.0000	0.0000	0.0000	0.0000
Junior High School	0 / 0	0.0000	0.0000	0.0000	0.0000
Office Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
High School	0 / 0	0.0000	0.0000	0.0000	0.0000
Junior High School	0 / 0	0.0000	0.0000	0.0000	0.0000
Office Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
High School	0	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
High School	0	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

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

Lincoln Village 5 - Construction 2032-2042

Placer-Sacramento County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	101.10	1000sqft	7.30	101,100.00	0
High School	1,000.00	Student	24.40	132,660.98	0
Junior High School	600.00	Student	10.00	70,537.01	0
Parking Lot	46.20	Acre	46.20	2,012,472.00	0
Regional Shopping Center	1,166.40	1000sqft	87.60	1,166,400.00	0
Strip Mall	838.72	1000sqft	43.90	838,720.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
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 information based on the Urban Decay/Fiscal analysis and Specific Plan. Also assumed 25% of commercial use acreage would be paved.

Construction Phase - Adjusted Start/End dates to fit into the 10 year development for this phase of construction

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Trips and VMT -

Grading - Approximately 220 acres disturbed for this Phase

Architectural Coating - Changed VOC to 100 g/L per PCAPCD recommendation

Vehicle Trips - Construction Only

Woodstoves - Construction Only

Consumer Products - Construction Only

Area Coating - Construction Only

Landscape Equipment - Construction Only

Energy Use - Construction Only

Water And Wastewater - Construction Only

Solid Waste - Construction Only

Construction Off-road Equipment Mitigation - Mitigation includes on-site fugitive dust control and Tier 4 engines.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	330.00	2,003.00
tblConstructionPhase	NumDays	4,650.00	2,046.00
tblConstructionPhase	NumDays	465.00	205.00

tblConstructionPhase	NumDays	330.00	145.00
tblConstructionPhase	NumDays	180.00	79.00
tblConstructionPhase	PhaseEndDate	8/10/2048	12/5/2040
tblConstructionPhase	PhaseStartDate	12/6/2040	4/2/2033
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	3.64	0.00
tblEnergyUse	LightingElect	0.88	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	4.35	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	3.66	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	11.48	0.00
tblEnergyUse	T24NG	11.93	0.00

tblEnergyUse	T24NG	11.93	0.00
tblGrading	AcresOfGrading	512.50	220.00
tblGrading	AcresOfGrading	0.00	220.00
tblLandUse	LotAcreage	2.32	7.30
tblLandUse	LotAcreage	3.05	24.40
tblLandUse	LotAcreage	1.62	10.00
tblLandUse	LotAcreage	26.78	87.60
tblLandUse	LotAcreage	19.25	43.90
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	182.50	0.00
tblSolidWaste	SolidWasteGenerationRate	109.50	0.00
tblSolidWaste	SolidWasteGenerationRate	94.02	0.00
tblSolidWaste	SolidWasteGenerationRate	1,224.72	0.00
tblSolidWaste	SolidWasteGenerationRate	880.66	0.00
tblVehicleTrips	ST_TR	0.61	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	0.25	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	1.71	0.00
tblVehicleTrips	WD_TR	1.62	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	42.94	0.00
tblVehicleTrips	WD_TR	44.32	0.00

tblWater	IndoorWaterUseRate	4,404,960.00	0.00
tblWater	IndoorWaterUseRate	1,454,544.00	0.00
tblWater	IndoorWaterUseRate	17,968,881.92	0.00
tblWater	IndoorWaterUseRate	86,398,189.06	0.00
tblWater	IndoorWaterUseRate	62,126,105.22	0.00
tblWater	OutdoorWaterUseRate	11,327,040.00	0.00
tblWater	OutdoorWaterUseRate	3,740,256.00	0.00
tblWater	OutdoorWaterUseRate	11,013,185.69	0.00
tblWater	OutdoorWaterUseRate	52,953,728.78	0.00
tblWater	OutdoorWaterUseRate	38,077,290.30	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2032	3.2959	13.7161	26.4089	0.0705	21.2495	0.4970	21.6723	10.3105	0.4969	10.7333	0.0000	7,337.5394	7,337.5394	0.2965	0.0000	7,343.7660
2033	19.3886	37.3837	141.7249	0.4502	28.8720	0.8635	29.7355	7.7452	0.8091	8.5543	0.0000	33,926.9248	33,926.9248	0.7733	0.0000	33,943.1646
2034	19.3095	37.2139	141.1015	0.4502	28.8720	0.8635	29.7356	7.7452	0.8092	8.5544	0.0000	33,886.7297	33,886.7297	0.7677	0.0000	33,902.8520
2035	19.1116	36.2099	140.3897	0.4502	28.8722	0.7954	29.6676	7.7453	0.7410	8.4863	0.0000	33,854.3452	33,854.3452	0.7537	0.0000	33,870.1726
2036	12.2977	7.9087	17.8865	0.0338	24.4786	0.1000	24.5786	6.0084	0.1000	6.1084	0.0000	3,166.2780	3,166.2780	0.1179	0.0000	3,168.7543
2037	12.2977	7.9087	17.8865	0.0338	24.4786	0.1000	24.5786	6.0084	0.1000	6.1084	0.0000	3,166.2780	3,166.2780	0.1179	0.0000	3,168.7543
2038	12.2977	7.9087	17.8865	0.0338	24.4786	0.1000	24.5786	6.0084	0.1000	6.1084	0.0000	3,166.2780	3,166.2780	0.1179	0.0000	3,168.7543
2039	12.2977	7.9087	17.8865	0.0338	24.4786	0.1000	24.5786	6.0084	0.1000	6.1084	0.0000	3,166.2780	3,166.2780	0.1179	0.0000	3,168.7543
2040	12.2751	7.6096	17.8852	0.0338	24.4786	0.1138	24.5595	6.0084	0.1138	6.0893	0.0000	3,166.2784	3,166.2784	0.1137	0.0000	3,168.6651
2041	1.8250	3.5998	15.4879	0.0275	0.1666	0.1138	0.2804	0.0409	0.1138	0.1547	0.0000	2,599.9866	2,599.9866	0.0874	0.0000	2,601.8224
Total	124.3963	167.3678	554.5439	1.6174	230.4254	3.6469	233.9652	63.6291	3.4836	67.0057	0.0000	127,436.9162	127,436.9162	3.2640	0.0000	127,505.4599

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	92.5233	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003		0.8657
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	92.5233	3.4200e-003	0.3809	3.0000e-005	0.0000	1.3500e-003	1.3500e-003	0.0000	1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003	0.0000	0.8657

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	92.5233	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003		0.8657
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	92.5233	3.4200e-003	0.3809	3.0000e-005	0.0000	1.3500e-003	1.3500e-003	0.0000	1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003	0.0000	0.8657

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2032	4/20/2032	5	79	
2	Grading	Grading	4/21/2032	2/1/2033	5	205	
3	Building Construction	Building Construction	2/2/2033	12/5/2040	5	2046	
4	Architectural Coating	Architectural Coating	4/2/2033	12/5/2040	5	2003	
5	Paving	Paving	12/6/2040	6/26/2041	5	145	

Acres of Grading (Site Preparation Phase): 220

Acres of Grading (Grading Phase): 220

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,554,688; Non-Residential Outdoor: 1,184,896 (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
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	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
Building Construction	9	1,605.00	708.00	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
Architectural Coating	1	321.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					21.0196	0.0000	21.0196	10.2496	0.0000	10.2496			0.0000			0.0000
Off-Road	2.4265	13.0600	16.9420	0.0422		0.4214	0.4214		0.4214	0.4214		4,505.975 2	4,505.975 2	0.2173		4,510.538 1
Total	2.4265	13.0600	16.9420	0.0422	21.0196	0.4214	21.4409	10.2496	0.4214	10.6709		4,505.975 2	4,505.975 2	0.2173		4,510.538 1

3.2 Site Preparation - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0256	0.0462	0.4282	2.4800e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3900e-003	0.0624		155.7374	155.7374	5.1200e-003			155.8449
Total	0.0256	0.0462	0.4282	2.4800e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3900e-003	0.0624		155.7374	155.7374	5.1200e-003			155.8449

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					8.9859	0.0000	8.9859	4.3817	0.0000	4.3817			0.0000			0.0000	
Off-Road	0.4757	2.0615	21.2415	0.0422		0.0634	0.0634		0.0634	0.0634	0.0000	4,505.975 2	4,505.975 2	0.2173			4,510.538 1
Total	0.4757	2.0615	21.2415	0.0422	8.9859	0.0634	9.0493	4.3817	0.0634	4.4451	0.0000	4,505.975 2	4,505.975 2	0.2173			4,510.538 1

3.2 Site Preparation - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0256	0.0462	0.4282	2.4800e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3900e-003	0.0624		155.7374	155.7374	5.1200e-003		155.8449
Total	0.0256	0.0462	0.4282	2.4800e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3900e-003	0.0624		155.7374	155.7374	5.1200e-003		155.8449

3.3 Grading - 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					
Fugitive Dust					7.1602	0.0000	7.1602	3.4331	0.0000	3.4331			0.0000			0.0000
Off-Road	3.2674	13.6648	25.9331	0.0677		0.4954	0.4954		0.4954	0.4954		7,164.4979	7,164.4979	0.2908		7,170.6050
Total	3.2674	13.6648	25.9331	0.0677	7.1602	0.4954	7.6555	3.4331	0.4954	3.9285		7,164.4979	7,164.4979	0.2908		7,170.6050

3.3 Grading - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0284	0.0513	0.4758	2.7500e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		173.0416	173.0416	5.6900e-003			173.1610
Total	0.0284	0.0513	0.4758	2.7500e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		173.0416	173.0416	5.6900e-003			173.1610

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.0610	0.0000	3.0610	1.4677	0.0000	1.4677			0.0000			0.0000	
Off-Road	0.7564	3.2778	34.7787	0.0677		0.1009	0.1009		0.1009	0.1009	0.0000	7,164.4979	7,164.4979	0.2908			7,170.6050
Total	0.7564	3.2778	34.7787	0.0677	3.0610	0.1009	3.1618	1.4677	0.1009	1.5685	0.0000	7,164.4979	7,164.4979	0.2908			7,170.6050

3.3 Grading - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0284	0.0513	0.4758	2.7500e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		173.0416	173.0416	5.6900e-003		173.1610
Total	0.0284	0.0513	0.4758	2.7500e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		173.0416	173.0416	5.6900e-003		173.1610

3.3 Grading - 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					
Fugitive Dust					7.1602	0.0000	7.1602	3.4331	0.0000	3.4331			0.0000			0.0000
Off-Road	3.2674	13.6648	25.9331	0.0677		0.4954	0.4954		0.4954	0.4954		7,164.4979	7,164.4979	0.2908		7,170.6050
Total	3.2674	13.6648	25.9331	0.0677	7.1602	0.4954	7.6555	3.4331	0.4954	3.9285		7,164.4979	7,164.4979	0.2908		7,170.6050

3.3 Grading - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0276	0.0505	0.4689	2.7500e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		172.5258	172.5258	5.6200e-003			172.6439
Total	0.0276	0.0505	0.4689	2.7500e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		172.5258	172.5258	5.6200e-003			172.6439

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.0610	0.0000	3.0610	1.4677	0.0000	1.4677			0.0000				0.0000
Off-Road	0.7564	3.2778	34.7787	0.0677		0.1009	0.1009		0.1009	0.1009	0.0000	7,164.4979	7,164.4979	0.2908			7,170.6050
Total	0.7564	3.2778	34.7787	0.0677	3.0610	0.1009	3.1618	1.4677	0.1009	1.5685	0.0000	7,164.4979	7,164.4979	0.2908			7,170.6050

3.3 Grading - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0276	0.0505	0.4689	2.7500e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		172.5258	172.5258	5.6200e-003			172.6439
Total	0.0276	0.0505	0.4689	2.7500e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		172.5258	172.5258	5.6200e-003			172.6439

3.4 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158			2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158			2,887.2617

3.4 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	4.3271	23.7509	78.6397	0.1513	4.2711	0.5345	4.8056	1.2213	0.4917	1.7130		14,146.41 43	14,146.41 43	0.1045			14,148.60 86
Worker	2.2159	4.0488	37.6301	0.2209	20.5007	0.1343	20.6350	5.4366	0.1246	5.5612		13,845.19 37	13,845.19 37	0.4514			13,854.67 26
Total	6.5430	27.7998	116.2698	0.3722	24.7718	0.6687	25.4406	6.6579	0.6163	7.2742		27,991.60 80	27,991.60 80	0.5559			28,003.28 11

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1158			2,887.261 7
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1158			2,887.261 7

3.4 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	4.3271	23.7509	78.6397	0.1513	4.2711	0.5345	4.8056	1.2213	0.4917	1.7130		14,146.41 43	14,146.41 43	0.1045			14,148.60 86
Worker	2.2159	4.0488	37.6301	0.2209	20.5007	0.1343	20.6350	5.4366	0.1246	5.5612		13,845.19 37	13,845.19 37	0.4514			13,854.67 26
Total	6.5430	27.7998	116.2698	0.3722	24.7718	0.6687	25.4406	6.6579	0.6163	7.2742		27,991.60 80	27,991.60 80	0.5559			28,003.28 11

3.4 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.830 0	2,884.830 0	0.1158			2,887.261 7
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.830 0	2,884.830 0	0.1158			2,887.261 7

3.4 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	4.3169	23.6527	78.6428	0.1513	4.2712	0.5343	4.8054	1.2213	0.4915	1.7129		14,147.5387	14,147.5387	0.1045			14,149.7334
Worker	2.1585	3.9892	37.1080	0.2209	20.5007	0.1345	20.6352	5.4366	0.1248	5.5614		13,810.7608	13,810.7608	0.4467			13,820.1414
Total	6.4754	27.6419	115.7508	0.3722	24.7719	0.6687	25.4406	6.6579	0.6163	7.2742		27,958.2995	27,958.2995	0.5512			27,969.8748

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1158			2,887.2617
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1158			2,887.2617

3.4 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	4.3169	23.6527	78.6428	0.1513	4.2712	0.5343	4.8054	1.2213	0.4915	1.7129		14,147.5387	14,147.5387	0.1045			14,149.7334
Worker	2.1585	3.9892	37.1080	0.2209	20.5007	0.1345	20.6352	5.4366	0.1248	5.5614		13,810.7608	13,810.7608	0.4467			13,820.1414
Total	6.4754	27.6419	115.7508	0.3722	24.7719	0.6687	25.4406	6.6579	0.6163	7.2742		27,958.2995	27,958.2995	0.5512			27,969.8748

3.4 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075			2,887.0878
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075			2,887.0878

3.4 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	4.2827	23.5694	78.5001	0.1513	4.2713	0.5339	4.8052	1.2214	0.4912	1.7126		14,148.99 11	14,148.99 11	0.1045			14,151.18 62
Worker	2.1094	3.9432	36.6693	0.2209	20.5007	0.1346	20.6353	5.4366	0.1249	5.5615		13,782.56 33	13,782.56 33	0.4427			13,791.86 01
Total	6.3921	27.5126	115.1694	0.3722	24.7720	0.6685	25.4405	6.6580	0.6161	7.2741		27,931.55 45	27,931.55 45	0.5472			27,943.04 63

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1075			2,887.087 8
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1075			2,887.087 8

3.4 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	4.2827	23.5694	78.5001	0.1513	4.2713	0.5339	4.8052	1.2214	0.4912	1.7126		14,148.99 11	14,148.99 11	0.1045			14,151.18 62
Worker	2.1094	3.9432	36.6693	0.2209	20.5007	0.1346	20.6353	5.4366	0.1249	5.5615		13,782.56 33	13,782.56 33	0.4427			13,791.86 01
Total	6.3921	27.5126	115.1694	0.3722	24.7720	0.6685	25.4405	6.6580	0.6161	7.2741		27,931.55 45	27,931.55 45	0.5472			27,943.04 63

3.4 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.830 0	2,884.830 0	0.1075			2,887.087 8
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.830 0	2,884.830 0	0.1075			2,887.087 8

3.4 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

3.4 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

3.4 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

3.4 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

3.4 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1926	6.8826	16.0929	0.0308		0.0734	0.0734		0.0734	0.0734		2,884.8303	2,884.8303	0.1038		2,887.0091
Total	1.1926	6.8826	16.0929	0.0308		0.0734	0.0734		0.0734	0.0734		2,884.8303	2,884.8303	0.1038		2,887.0091

3.4 Building Construction - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8303	2,884.8303	0.1038		2,887.0091
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8303	2,884.8303	0.1038		2,887.0091

3.4 Building Construction - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

3.5 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	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0114		281.6873
Total	11.0983	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

3.5 Architectural Coating - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.4432	0.8098	7.5260	0.0442	4.1002	0.0269	4.1270	1.0873	0.0249	1.1122		2,769.0387	2,769.0387	0.0903			2,770.9345
Total	0.4432	0.8098	7.5260	0.0442	4.1002	0.0269	4.1270	1.0873	0.0249	1.1122		2,769.0387	2,769.0387	0.0903			2,770.9345

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.4432	0.8098	7.5260	0.0442	4.1002	0.0269	4.1270	1.0873	0.0249	1.1122		2,769.0387	2,769.0387	0.0903			2,770.9345
Total	0.4432	0.8098	7.5260	0.0442	4.1002	0.0269	4.1270	1.0873	0.0249	1.1122		2,769.0387	2,769.0387	0.0903			2,770.9345

3.5 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	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0114			281.6873
Total	11.0983	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.4317	0.7979	7.4216	0.0442	4.1002	0.0269	4.1270	1.0873	0.0250	1.1123		2,762.152 2	2,762.152 2	0.0893			2,764.028 3
Total	0.4317	0.7979	7.4216	0.0442	4.1002	0.0269	4.1270	1.0873	0.0250	1.1123		2,762.152 2	2,762.152 2	0.0893			2,764.028 3

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.4317	0.7979	7.4216	0.0442	4.1002	0.0269	4.1270	1.0873	0.0250	1.1123		2,762.152 2	2,762.152 2	0.0893			2,764.028 3
Total	0.4317	0.7979	7.4216	0.0442	4.1002	0.0269	4.1270	1.0873	0.0250	1.1123		2,762.152 2	2,762.152 2	0.0893			2,764.028 3

3.5 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	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0104			281.6665
Total	11.0854	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104			281.6665

3.5 Architectural Coating - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.4219	0.7886	7.3339	0.0442	4.1002	0.0269	4.1271	1.0873	0.0250	1.1123		2,756.5127	2,756.5127	0.0885			2,758.3720
Total	0.4219	0.7886	7.3339	0.0442	4.1002	0.0269	4.1271	1.0873	0.0250	1.1123		2,756.5127	2,756.5127	0.0885			2,758.3720

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104			281.6665
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104			281.6665

3.5 Architectural Coating - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.4219	0.7886	7.3339	0.0442	4.1002	0.0269	4.1271	1.0873	0.0250	1.1123		2,756.5127	2,756.5127	0.0885			2,758.3720
Total	0.4219	0.7886	7.3339	0.0442	4.1002	0.0269	4.1271	1.0873	0.0250	1.1123		2,756.5127	2,756.5127	0.0885			2,758.3720

3.5 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0104			281.6665
Total	11.0854	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104			281.6665

3.5 Architectural Coating - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

3.5 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0104		281.6665
Total	11.0854	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

3.5 Architectural Coating - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0104		281.6665
Total	11.0854	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

3.5 Architectural Coating - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0104		281.6665
Total	11.0854	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

3.5 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6561
Total	11.0824	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6561

3.5 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6561
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6561

3.5 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

3.6 Paving - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9902	3.5998	15.4879	0.0275		0.1138	0.1138		0.1138	0.1138		2,599.9866	2,599.9866	0.0874		2,601.8224
Paving	0.8348					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8250	3.5998	15.4879	0.0275		0.1138	0.1138		0.1138	0.1138		2,599.9866	2,599.9866	0.0874		2,601.8224

3.6 Paving - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000
Total					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0275		0.0366	0.0366		0.0366	0.0366	0.0000	2,599.9866	2,599.9866	0.0874		2,601.8224
Paving	0.8348					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1093	1.1895	16.9276	0.0275		0.0366	0.0366		0.0366	0.0366	0.0000	2,599.9866	2,599.9866	0.0874		2,601.8224

3.6 Paving - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000
Total					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000

3.6 Paving - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9902	3.5998	15.4879	0.0275		0.1138	0.1138		0.1138	0.1138		2,599.9866	2,599.9866	0.0874		2,601.8224
Paving	0.8348					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8250	3.5998	15.4879	0.0275		0.1138	0.1138		0.1138	0.1138		2,599.9866	2,599.9866	0.0874		2,601.8224

3.6 Paving - 2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000
Total					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0275		0.0366	0.0366		0.0366	0.0366	0.0000	2,599.9866	2,599.9866	0.0874		2,601.8224
Paving	0.8348					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1093	1.1895	16.9276	0.0275		0.0366	0.0366		0.0366	0.0366	0.0000	2,599.9866	2,599.9866	0.0874		2,601.8224

3.6 Paving - 2041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000
Total					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High School	0.00	0.00	0.00		
Junior High School	0.00	0.00	0.00		
Office Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
High School	14.70	6.60	6.60	77.80	17.20	5.00	75	19	6
Junior High School	14.70	6.60	6.60	72.80	22.20	5.00	63	25	12
Office Park	14.70	6.60	6.60	33.00	48.00	19.00	82	15	3
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Regional Shopping Center	14.70	6.60	6.60	16.30	64.70	19.00	54	35	11
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.464663	0.065213	0.188271	0.170001	0.059169	0.008390	0.013835	0.016041	0.001602	0.001225	0.007620	0.000492	0.003478

5.0 Energy Detail

2.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Junior High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Office Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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						
Office Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Mitigated	92.5233	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003			0.8657
Unmitigated	92.5233	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003			0.8657

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Consumer Products	92.4885					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Landscaping	0.0348	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003			0.8657
Total	92.5233	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003			0.8657

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			0.0000			0.0000
Consumer Products	92.4885					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0348	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003		0.8657
Total	92.5233	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003		0.8657

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Lincoln Village 5 - Construction 2032-2042

Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	101.10	1000sqft	7.30	101,100.00	0
High School	1,000.00	Student	24.40	132,660.98	0
Junior High School	600.00	Student	10.00	70,537.01	0
Parking Lot	46.20	Acre	46.20	2,012,472.00	0
Regional Shopping Center	1,166.40	1000sqft	87.60	1,166,400.00	0
Strip Mall	838.72	1000sqft	43.90	838,720.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
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 information based on the Urban Decay/Fiscal analysis and Specific Plan. Also assumed 25% of commercial use acreage would be paved.

Construction Phase - Adjusted Start/End dates to fit into the 10 year development for this phase of construction

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Trips and VMT -

Grading - Approximately 220 acres disturbed for this Phase

Architectural Coating - Changed VOC to 100 g/L per PCAPCD recommendation

Vehicle Trips - Construction Only

Woodstoves - Construction Only

Consumer Products - Construction Only

Area Coating - Construction Only

Landscape Equipment - Construction Only

Energy Use - Construction Only

Water And Wastewater - Construction Only

Solid Waste - Construction Only

Construction Off-road Equipment Mitigation - Mitigation includes on-site fugitive dust control and Tier 4 engines.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	330.00	2,003.00
tblConstructionPhase	NumDays	4,650.00	2,046.00
tblConstructionPhase	NumDays	465.00	205.00

tblConstructionPhase	NumDays	330.00	145.00
tblConstructionPhase	NumDays	180.00	79.00
tblConstructionPhase	PhaseEndDate	8/10/2048	12/5/2040
tblConstructionPhase	PhaseStartDate	12/6/2040	4/2/2033
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	2.70	0.00
tblEnergyUse	LightingElect	3.64	0.00
tblEnergyUse	LightingElect	0.88	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	LightingElect	6.65	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	4.35	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24E	1.98	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	NT24NG	0.36	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	2.30	0.00
tblEnergyUse	T24E	3.66	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24E	4.76	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	9.52	0.00
tblEnergyUse	T24NG	11.48	0.00
tblEnergyUse	T24NG	11.93	0.00

tblEnergyUse	T24NG	11.93	0.00
tblGrading	AcresOfGrading	512.50	220.00
tblGrading	AcresOfGrading	0.00	220.00
tblLandUse	LotAcreage	2.32	7.30
tblLandUse	LotAcreage	3.05	24.40
tblLandUse	LotAcreage	1.62	10.00
tblLandUse	LotAcreage	26.78	87.60
tblLandUse	LotAcreage	19.25	43.90
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	182.50	0.00
tblSolidWaste	SolidWasteGenerationRate	109.50	0.00
tblSolidWaste	SolidWasteGenerationRate	94.02	0.00
tblSolidWaste	SolidWasteGenerationRate	1,224.72	0.00
tblSolidWaste	SolidWasteGenerationRate	880.66	0.00
tblVehicleTrips	ST_TR	0.61	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	0.25	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	1.71	0.00
tblVehicleTrips	WD_TR	1.62	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	42.94	0.00
tblVehicleTrips	WD_TR	44.32	0.00

tblWater	IndoorWaterUseRate	4,404,960.00	0.00
tblWater	IndoorWaterUseRate	1,454,544.00	0.00
tblWater	IndoorWaterUseRate	17,968,881.92	0.00
tblWater	IndoorWaterUseRate	86,398,189.06	0.00
tblWater	IndoorWaterUseRate	62,126,105.22	0.00
tblWater	OutdoorWaterUseRate	11,327,040.00	0.00
tblWater	OutdoorWaterUseRate	3,740,256.00	0.00
tblWater	OutdoorWaterUseRate	11,013,185.69	0.00
tblWater	OutdoorWaterUseRate	52,953,728.78	0.00
tblWater	OutdoorWaterUseRate	38,077,290.30	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2032	3.3011	13.7071	26.5377	0.0709	21.2495	0.4970	21.6723	10.3105	0.4969	10.7333	0.0000	7,363.3012	7,363.3012	0.2965	0.0000	7,369.5278
2033	19.3429	35.2112	120.4766	0.4906	28.8720	0.8586	29.7306	7.7452	0.8046	8.5499	0.0000	36,522.7161	36,522.7161	0.7694	0.0000	36,538.8734
2034	19.2453	35.0617	119.7288	0.4906	28.8720	0.8587	29.7307	7.7452	0.8047	8.5499	0.0000	36,477.1198	36,477.1198	0.7638	0.0000	36,493.1596
2035	19.0336	34.0744	118.9721	0.4906	28.8722	0.7906	29.6627	7.7453	0.7366	8.4819	0.0000	36,440.1813	36,440.1813	0.7498	0.0000	36,455.9261
2036	12.2977	7.9087	17.8865	0.0338	24.4786	0.1000	24.5786	6.0084	0.1000	6.1084	0.0000	3,166.2780	3,166.2780	0.1179	0.0000	3,168.7543
2037	12.2977	7.9087	17.8865	0.0338	24.4786	0.1000	24.5786	6.0084	0.1000	6.1084	0.0000	3,166.2780	3,166.2780	0.1179	0.0000	3,168.7543
2038	12.2977	7.9087	17.8865	0.0338	24.4786	0.1000	24.5786	6.0084	0.1000	6.1084	0.0000	3,166.2780	3,166.2780	0.1179	0.0000	3,168.7543
2039	12.2977	7.9087	17.8865	0.0338	24.4786	0.1000	24.5786	6.0084	0.1000	6.1084	0.0000	3,166.2780	3,166.2780	0.1179	0.0000	3,168.7543
2040	12.2751	7.6096	17.8852	0.0338	24.4786	0.1138	24.5595	6.0084	0.1138	6.0893	0.0000	3,166.2784	3,166.2784	0.1137	0.0000	3,168.6651
2041	1.8250	3.5998	15.4879	0.0275	0.1666	0.1138	0.2804	0.0409	0.1138	0.1547	0.0000	2,599.9866	2,599.9866	0.0874	0.0000	2,601.8224
Total	124.2137	160.8985	490.6342	1.7391	230.4254	3.6323	233.9507	63.6291	3.4702	66.9923	0.0000	135,234.6954	135,234.6954	3.2522	0.0000	135,302.9915

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	92.5233	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003		0.8657
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	92.5233	3.4200e-003	0.3809	3.0000e-005	0.0000	1.3500e-003	1.3500e-003	0.0000	1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003	0.0000	0.8657

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	92.5233	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003		0.8657
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	92.5233	3.4200e-003	0.3809	3.0000e-005	0.0000	1.3500e-003	1.3500e-003	0.0000	1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003	0.0000	0.8657

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2032	4/20/2032	5	79	
2	Grading	Grading	4/21/2032	2/1/2033	5	205	
3	Building Construction	Building Construction	2/2/2033	12/5/2040	5	2046	
4	Architectural Coating	Architectural Coating	4/2/2033	12/5/2040	5	2003	
5	Paving	Paving	12/6/2040	6/26/2041	5	145	

Acres of Grading (Site Preparation Phase): 220

Acres of Grading (Grading Phase): 220

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,554,688; Non-Residential Outdoor: 1,184,896 (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
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	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
Building Construction	9	1,605.00	708.00	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
Architectural Coating	1	321.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					21.0196	0.0000	21.0196	10.2496	0.0000	10.2496			0.0000			0.0000
Off-Road	2.4265	13.0600	16.9420	0.0422		0.4214	0.4214		0.4214	0.4214		4,505.975 2	4,505.975 2	0.2173		4,510.538 1
Total	2.4265	13.0600	16.9420	0.0422	21.0196	0.4214	21.4409	10.2496	0.4214	10.6709		4,505.975 2	4,505.975 2	0.2173		4,510.538 1

3.2 Site Preparation - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0303	0.0381	0.5442	2.8500e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3900e-003	0.0624		178.9230	178.9230	5.1200e-003		179.0305
Total	0.0303	0.0381	0.5442	2.8500e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3900e-003	0.0624		178.9230	178.9230	5.1200e-003		179.0305

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.9859	0.0000	8.9859	4.3817	0.0000	4.3817			0.0000			0.0000
Off-Road	0.4757	2.0615	21.2415	0.0422		0.0634	0.0634		0.0634	0.0634	0.0000	4,505.975 2	4,505.975 2	0.2173		4,510.538 1
Total	0.4757	2.0615	21.2415	0.0422	8.9859	0.0634	9.0493	4.3817	0.0634	4.4451	0.0000	4,505.975 2	4,505.975 2	0.2173		4,510.538 1

3.2 Site Preparation - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0303	0.0381	0.5442	2.8500e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3900e-003	0.0624		178.9230	178.9230	5.1200e-003			179.0305
Total	0.0303	0.0381	0.5442	2.8500e-003	0.2299	1.5000e-003	0.2314	0.0610	1.3900e-003	0.0624		178.9230	178.9230	5.1200e-003			179.0305

3.3 Grading - 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					
Fugitive Dust					7.1602	0.0000	7.1602	3.4331	0.0000	3.4331			0.0000			0.0000
Off-Road	3.2674	13.6648	25.9331	0.0677		0.4954	0.4954		0.4954	0.4954		7,164.4979	7,164.4979	0.2908		7,170.6050
Total	3.2674	13.6648	25.9331	0.0677	7.1602	0.4954	7.6555	3.4331	0.4954	3.9285		7,164.4979	7,164.4979	0.2908		7,170.6050

3.3 Grading - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0337	0.0423	0.6046	3.1600e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		198.8033	198.8033	5.6900e-003		198.9227
Total	0.0337	0.0423	0.6046	3.1600e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		198.8033	198.8033	5.6900e-003		198.9227

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.0610	0.0000	3.0610	1.4677	0.0000	1.4677			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0677		0.1009	0.1009		0.1009	0.1009	0.0000	7,164.4979	7,164.4979	0.2908		7,170.6050
Total	0.7564	3.2778	34.7787	0.0677	3.0610	0.1009	3.1618	1.4677	0.1009	1.5685	0.0000	7,164.4979	7,164.4979	0.2908		7,170.6050

3.3 Grading - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0337	0.0423	0.6046	3.1600e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		198.8033	198.8033	5.6900e-003		198.9227
Total	0.0337	0.0423	0.6046	3.1600e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		198.8033	198.8033	5.6900e-003		198.9227

3.3 Grading - 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					
Fugitive Dust					7.1602	0.0000	7.1602	3.4331	0.0000	3.4331			0.0000			0.0000
Off-Road	3.2674	13.6648	25.9331	0.0677		0.4954	0.4954		0.4954	0.4954		7,164.4979	7,164.4979	0.2908		7,170.6050
Total	3.2674	13.6648	25.9331	0.0677	7.1602	0.4954	7.6555	3.4331	0.4954	3.9285		7,164.4979	7,164.4979	0.2908		7,170.6050

3.3 Grading - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0326	0.0416	0.5967	3.1600e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		198.2197	198.2197	5.6200e-003		198.3378
Total	0.0326	0.0416	0.5967	3.1600e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		198.2197	198.2197	5.6200e-003		198.3378

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.0610	0.0000	3.0610	1.4677	0.0000	1.4677			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0677		0.1009	0.1009		0.1009	0.1009	0.0000	7,164.4979	7,164.4979	0.2908		7,170.6050
Total	0.7564	3.2778	34.7787	0.0677	3.0610	0.1009	3.1618	1.4677	0.1009	1.5685	0.0000	7,164.4979	7,164.4979	0.2908		7,170.6050

3.3 Grading - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0326	0.0416	0.5967	3.1600e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		198.2197	198.2197	5.6200e-003			198.3378
Total	0.0326	0.0416	0.5967	3.1600e-003	0.2555	1.6700e-003	0.2571	0.0678	1.5500e-003	0.0693		198.2197	198.2197	5.6200e-003			198.3378

3.4 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158			2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158			2,887.2617

3.4 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	3.7973	22.4317	45.0884	0.1521	4.2711	0.5296	4.8007	1.2213	0.4873	1.7086		14,267.8803	14,267.8803	0.1006			14,269.9920
Worker	2.6194	3.3377	47.8826	0.2539	20.5007	0.1343	20.6350	5.4366	0.1246	5.5612		15,907.1315	15,907.1315	0.4514			15,916.6103
Total	6.4166	25.7694	92.9710	0.4060	24.7718	0.6639	25.4357	6.6579	0.6118	7.2697		30,175.0118	30,175.0118	0.5519			30,186.6024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1158			2,887.2617
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1158			2,887.2617

3.4 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	3.7973	22.4317	45.0884	0.1521	4.2711	0.5296	4.8007	1.2213	0.4873	1.7086		14,267.8803	14,267.8803	0.1006			14,269.9920
Worker	2.6194	3.3377	47.8826	0.2539	20.5007	0.1343	20.6350	5.4366	0.1246	5.5612		15,907.1315	15,907.1315	0.4514			15,916.6103
Total	6.4166	25.7694	92.9710	0.4060	24.7718	0.6639	25.4357	6.6579	0.6118	7.2697		30,175.0118	30,175.0118	0.5519			30,186.6024

3.4 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158			2,887.2617
Total	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158			2,887.2617

3.4 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	3.7901	22.3403	45.0704	0.1521	4.2712	0.5294	4.8006	1.2213	0.4871	1.7084		14,269.01 15	14,269.01 15	0.1006			14,271.12 37
Worker	2.5440	3.2894	47.2745	0.2539	20.5007	0.1345	20.6352	5.4366	0.1248	5.5614		15,868.19 19	15,868.19 19	0.4467			15,877.57 25
Total	6.3341	25.6297	92.3449	0.4060	24.7719	0.6639	25.4358	6.6579	0.6118	7.2697		30,137.20 34	30,137.20 34	0.5473			30,148.69 61

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1158			2,887.261 7
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1158			2,887.261 7

3.4 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	3.7901	22.3403	45.0704	0.1521	4.2712	0.5294	4.8006	1.2213	0.4871	1.7084		14,269.01 15	14,269.01 15	0.1006			14,271.12 37
Worker	2.5440	3.2894	47.2745	0.2539	20.5007	0.1345	20.6352	5.4366	0.1248	5.5614		15,868.19 19	15,868.19 19	0.4467			15,877.57 25
Total	6.3341	25.6297	92.3449	0.4060	24.7719	0.6639	25.4358	6.6579	0.6118	7.2697		30,137.20 34	30,137.20 34	0.5473			30,148.69 61

3.4 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.830 0	2,884.830 0	0.1075			2,887.087 8
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.830 0	2,884.830 0	0.1075			2,887.087 8

3.4 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	3.7607	22.2635	44.9721	0.1521	4.2713	0.5291	4.8004	1.2214	0.4867	1.7081		14,270.47 18	14,270.47 18	0.1006			14,272.58 42
Worker	2.4794	3.2519	46.7613	0.2539	20.5007	0.1346	20.6353	5.4366	0.1249	5.5615		15,836.19 29	15,836.19 29	0.4427			15,845.48 96
Total	6.2401	25.5154	91.7334	0.4060	24.7720	0.6637	25.4357	6.6580	0.6116	7.2696		30,106.66 47	30,106.66 47	0.5433			30,118.07 39

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1075			2,887.087 8
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.830 0	2,884.830 0	0.1075			2,887.087 8

3.4 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	3.7607	22.2635	44.9721	0.1521	4.2713	0.5291	4.8004	1.2214	0.4867	1.7081		14,270.47 18	14,270.47 18	0.1006			14,272.58 42
Worker	2.4794	3.2519	46.7613	0.2539	20.5007	0.1346	20.6353	5.4366	0.1249	5.5615		15,836.19 29	15,836.19 29	0.4427			15,845.48 96
Total	6.2401	25.5154	91.7334	0.4060	24.7720	0.6637	25.4357	6.6580	0.6116	7.2696		30,106.66 47	30,106.66 47	0.5433			30,118.07 39

3.4 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.830 0	2,884.830 0	0.1075			2,887.087 8
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.830 0	2,884.830 0	0.1075			2,887.087 8

3.4 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

3.4 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

3.4 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

3.4 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878
Total	1.2123	7.1510	16.0922	0.0308		0.0901	0.0901		0.0901	0.0901		2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8300	2,884.8300	0.1075		2,887.0878

3.4 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

3.4 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1926	6.8826	16.0929	0.0308		0.0734	0.0734		0.0734	0.0734		2,884.8303	2,884.8303	0.1038		2,887.0091
Total	1.1926	6.8826	16.0929	0.0308		0.0734	0.0734		0.0734	0.0734		2,884.8303	2,884.8303	0.1038		2,887.0091

3.4 Building Construction - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8303	2,884.8303	0.1038		2,887.0091
Total	0.3265	2.2289	17.4110	0.0308		0.0406	0.0406		0.0406	0.0406	0.0000	2,884.8303	2,884.8303	0.1038		2,887.0091

3.4 Building Construction - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					3.0890	0.0000	3.0890	0.7582	0.0000	0.7582			0.0000			0.0000
Worker					17.8247	0.0000	17.8247	4.3752	0.0000	4.3752			0.0000			0.0000
Total					20.9137	0.0000	20.9137	5.1334	0.0000	5.1334			0.0000			0.0000

3.5 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	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0114		281.6873
Total	11.0983	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

3.5 Architectural Coating - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.5239	0.6675	9.5765	0.0508	4.1002	0.0269	4.1270	1.0873	0.0249	1.1122		3,181.426 3	3,181.426 3	0.0903			3,183.322 1
Total	0.5239	0.6675	9.5765	0.0508	4.1002	0.0269	4.1270	1.0873	0.0249	1.1122		3,181.426 3	3,181.426 3	0.0903			3,183.322 1

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.5239	0.6675	9.5765	0.0508	4.1002	0.0269	4.1270	1.0873	0.0249	1.1122		3,181.426 3	3,181.426 3	0.0903			3,183.322 1
Total	0.5239	0.6675	9.5765	0.0508	4.1002	0.0269	4.1270	1.0873	0.0249	1.1122		3,181.426 3	3,181.426 3	0.0903			3,183.322 1

3.5 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	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0114			281.6873
Total	11.0983	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114			281.6873

3.5 Architectural Coating - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5088	0.6579	9.4549	0.0508	4.1002	0.0269	4.1270	1.0873	0.0250	1.1123		3,173.638 4	3,173.638 4	0.0893		3,175.514 5
Total	0.5088	0.6579	9.4549	0.0508	4.1002	0.0269	4.1270	1.0873	0.0250	1.1123		3,173.638 4	3,173.638 4	0.0893		3,175.514 5

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.6873
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.6873

3.5 Architectural Coating - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.5088	0.6579	9.4549	0.0508	4.1002	0.0269	4.1270	1.0873	0.0250	1.1123		3,173.6384	3,173.6384	0.0893			3,175.5145
Total	0.5088	0.6579	9.4549	0.0508	4.1002	0.0269	4.1270	1.0873	0.0250	1.1123		3,173.6384	3,173.6384	0.0893			3,175.5145

3.5 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	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0104			281.6665
Total	11.0854	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104			281.6665

3.5 Architectural Coating - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.4959	0.6504	9.3523	0.0508	4.1002	0.0269	4.1271	1.0873	0.0250	1.1123		3,167.2386	3,167.2386	0.0885			3,169.0979
Total	0.4959	0.6504	9.3523	0.0508	4.1002	0.0269	4.1271	1.0873	0.0250	1.1123		3,167.2386	3,167.2386	0.0885			3,169.0979

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104			281.6665
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104			281.6665

3.5 Architectural Coating - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.4959	0.6504	9.3523	0.0508	4.1002	0.0269	4.1271	1.0873	0.0250	1.1123		3,167.2386	3,167.2386	0.0885			3,169.0979
Total	0.4959	0.6504	9.3523	0.0508	4.1002	0.0269	4.1271	1.0873	0.0250	1.1123		3,167.2386	3,167.2386	0.0885			3,169.0979

3.5 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0104			281.6665
Total	11.0854	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104			281.6665

3.5 Architectural Coating - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

3.5 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0104		281.6665
Total	11.0854	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

3.5 Architectural Coating - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0104		281.6665
Total	11.0854	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

3.5 Architectural Coating - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.9675					0.0000	0.0000		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		281.4481	281.4481	0.0104		281.6665
Total	11.0854	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.6665

3.5 Architectural Coating - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

3.5 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6561
Total	11.0824	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6561

3.5 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.9675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6561
Total	10.9972	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6561

3.5 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000
Total					3.5649	0.0000	3.5649	0.8750	0.0000	0.8750			0.0000			0.0000

3.6 Paving - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9902	3.5998	15.4879	0.0275		0.1138	0.1138		0.1138	0.1138		2,599.9866	2,599.9866	0.0874		2,601.8224
Paving	0.8348					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8250	3.5998	15.4879	0.0275		0.1138	0.1138		0.1138	0.1138		2,599.9866	2,599.9866	0.0874		2,601.8224

3.6 Paving - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000
Total					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0275		0.0366	0.0366		0.0366	0.0366	0.0000	2,599.9866	2,599.9866	0.0874		2,601.8224
Paving	0.8348					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1093	1.1895	16.9276	0.0275		0.0366	0.0366		0.0366	0.0366	0.0000	2,599.9866	2,599.9866	0.0874		2,601.8224

3.6 Paving - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000
Total					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000

3.6 Paving - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9902	3.5998	15.4879	0.0275		0.1138	0.1138		0.1138	0.1138		2,599.9866	2,599.9866	0.0874		2,601.8224
Paving	0.8348					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8250	3.5998	15.4879	0.0275		0.1138	0.1138		0.1138	0.1138		2,599.9866	2,599.9866	0.0874		2,601.8224

3.6 Paving - 2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000
Total					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0275		0.0366	0.0366		0.0366	0.0366	0.0000	2,599.9866	2,599.9866	0.0874		2,601.8224
Paving	0.8348					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1093	1.1895	16.9276	0.0275		0.0366	0.0366		0.0366	0.0366	0.0000	2,599.9866	2,599.9866	0.0874		2,601.8224

3.6 Paving - 2041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000
Total					0.1666	0.0000	0.1666	0.0409	0.0000	0.0409			0.0000			0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High School	0.00	0.00	0.00		
Junior High School	0.00	0.00	0.00		
Office Park	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
High School	14.70	6.60	6.60	77.80	17.20	5.00	75	19	6
Junior High School	14.70	6.60	6.60	72.80	22.20	5.00	63	25	12
Office Park	14.70	6.60	6.60	33.00	48.00	19.00	82	15	3
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Regional Shopping Center	14.70	6.60	6.60	16.30	64.70	19.00	54	35	11
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.464663	0.065213	0.188271	0.170001	0.059169	0.008390	0.013835	0.016041	0.001602	0.001225	0.007620	0.000492	0.003478

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Office Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Office Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	92.5233	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003		0.8657
Unmitigated	92.5233	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003		0.8657

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	92.4885					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0348	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003		0.8657
Total	92.5233	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003		0.8657

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			0.0000			0.0000
Consumer Products	92.4885					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0348	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003		0.8657
Total	92.5233	3.4200e-003	0.3809	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8212	0.8212	2.1200e-003		0.8657

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

**3. CalEEMod Buildout Operational Assumptions – Land Uses/Energy,
Transportation Adjusted Trip Rates and Lengths to Match Traffic Study**

Land Use Designation	Land Use	Density (du/ac)	FAR	CalEEMod Land Use	Village 5 - Total			
					Gross Acres	Net Acres	Units	ksf
Residential Rural	RR	0.5		Single Family Housing	759.1	652.4	320	
Country Estate	CE	2		Single Family Housing	453.3	435.9	869	
Residential Low Density	LDR	5		Single Family Housing	569.6	539.4	2,690	
Residential Medium Density	MDR	7		Single Family Housing	441.6	405.3	2,830	
Residential High Density	HDR	21		Apartments Mid-Rise	68.7	68.7	1,441	
Village Mixed Use	VMU	7.5	0.35	Apartments Mid-Rise	1.5	1.5	56	
				Strip Mall	3	3		45.7
				Office	3	3		68.6
Village Commercial	VC		0.35	Strip Mall	33.9	29.9		456.4
Commercial	COMM		0.25	Regional Shopping Center	196.3	176.2		1,918.3
Office/Commercial	OFF/COMM		0.3	General Office Building (6	95.94	77.94		1,018.1
				Strip Mall (40%)	63.96	51.96		678.7
Business and Professional	BP		0.25	Office Park	42.8	36.4		395.8
Elementary School	ES			Elementary School	35.9	35.5		0.0
Middle School	MS			Junior High School	20	20		0.0
High School	HS			High School	48.7	48.7		0.0
Public/Quasi-Public	PQP			Office Park	13.6	13		141.7
Park	PARK			City Park	149.2	127		0.0
Linear Park	LP			City Park	19.5	18.6		0.0
Ag/Preserve	OSA				0			0
Open Space Preserve	OSP				0			0
Natural Open Space	OSN				0			0

168.7

CalEEMod Summary	Acres	Total		Students	Estimated Daily Trip Gen	Default Electricity (kWhr/size/yr)	Electricity 2013 Title 24	Default Natural Gas (kBtu/size/yr)	Natural Gas 2013 Title 24
		Units	KSF						
Senior Adult Housing	199.0	1,000.0			2,832.0	301.15	225.86	18,960.80	14,220.60
Single Family Housing	2,223.6	5,709.0			44,096.0	729.62	547.22	26,218.01	19,663.51
Apartments Mid-Rise	69.5	1,497.0			8,350.0	322.48	241.86	8,261.25	6,195.94
Strip Mall	84.9		1,180.8		35,469.0	4.76	3.57	11.93	8.95
Regional Shopping	196.3		1,918.3		57,621.0	4.76	3.57	11.93	8.95
General Office	98.9		1,086.7		16,507.0	3.93	2.95	16.83	12.62
Office Park	56.4		537.5		7,106.0	3.66	2.75	11.48	8.61
Elementary School	35.9			1,950.0	558.0	2.3	1.73	9.52	7.14
Junior High	20.0			1,200.0	1,030.0	2.3	1.73	9.52	7.14
High School	48.7			2,000.0	1,716.0	2.3	1.73	9.52	7.14
City Park	168.7				207.0	0	0	0	0
TOTALS	3,201.8	8,206.0	4,723.3		175,492.0				

**Senior Housing
Units Acres
Low density 771 163.2571
Medium density 229 35.73371

198.9908

Land Use	Size	Metric	Unadjusted				Adjusted						
			Unadjusted Daily Trips	Daily Trip Rate	Unadjusted Trip Length	Unadjusted Daily VMT	Unadjusted Annual VMT	Adjusted Daily Trips	Adjusted Trip Rate	Adjusted Trip Length	Adjusted Trip Length to Match	Adjusted Daily VMT	Adjusted Annual VMT
Senior Adult Housing	1,000.00	du	2,810	2.81	10.20	28,667.59	10,463,671	2,832	2.83	3.95	4.66	13,203.43	4,819,250.15
Single Family Housing	5,709.00	du	54,399	9.53	10.20	554,974.12	202,565,555	44,096	7.72	3.95	4.66	205,585.54	75,038,720.78
Apartments Mid-Rise	1,497.00	du	9,876	6.60	10.20	100,754.07	36,775,234	8,350	5.58	3.95	4.66	38,929.59	14,209,300.40
Strip Mall	1,180.82	1000sf	47,919	40.58	4.37	209,524.71	76,476,518	35,469	30.04	1.69	2.00	70,873.13	25,868,692.80
Regional Shopping	1,918.30	1000sf	79,448	41.42	4.97	394,644.19	144,045,131	57,621	30.04	1.92	2.27	130,801.67	47,742,609.83
General Office	1,086.68	1000sf	9,066	8.34	7.56	68,575.68	25,030,123	16,507	15.19	2.93	3.46	57,059.80	20,826,827.43
Office Park	537.50	1000sf	4,569	8.50	7.93	36,243.00	13,228,695	7,106	13.22	3.07	3.63	25,760.86	9,402,715.09
Elementary School	1,950.00	students	1,797	0.92	2.74	4,914.79	1,793,898	558	0.29	1.06	1.25	697.51	254,591.63
Junior High	1,200.00	students	1,389	1.16	8.64	12,000.44	4,380,160	1,030	0.86	3.34	3.95	4,067.94	1,484,798.22
High School	2,000.00	students	2,689	1.34	10.27	27,603.51	10,075,280	1,716	0.86	3.97	4.69	8,051.34	2,938,740.87
City Park	168.70	acres	268	1.59	6.76	1,812.38	661,518	207	1.27	2.61	3.09	639.17	233,296.52
Total			214,229		TOTALS	1,439,714.47	525,495,783	175,492		TOTALS		555,669.98	202,819,543.73

557065

Cum+Project Delta

4. CalEEMod Model Buildout Operational Results – Annual, Summer, Winter

Lincoln Village 5 - Buildout Operations Adjusted Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,086.70	1000sqft	98.90	1,086,700.00	0
Office Park	537.50	1000sqft	56.40	537,500.00	0
Elementary School	1,950.00	Student	35.90	163,026.57	0
High School	2,000.00	Student	48.70	265,321.96	0
Junior High School	1,200.00	Student	20.00	141,074.02	0
City Park	168.70	Acre	168.70	7,348,572.00	0
Apartments Mid Rise	1,497.00	Dwelling Unit	69.50	1,497,000.00	2695
Retirement Community	1,000.00	Dwelling Unit	199.00	1,000,000.00	2860
Single Family Housing	5,709.00	Dwelling Unit	2,223.60	10,276,200.00	13894
Regional Shopping Center	1,918.30	1000sqft	196.30	1,918,300.00	0
Strip Mall	1,180.80	1000sqft	84.90	1,180,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	488	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Revised CO2 Intensity Factor per Quantification of Greenhouse Gas Emissions for Non-Transportation Activities (ENVIRON, November 2014)

Land Use - Buildout land uses and acreage based on Project Description. Population based on Specific Plan

Construction Phase - Modeling operations only

Off-road Equipment - The Plan construction duration condensed the default schedule. Multiplied default equipment # by 2 times.

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Grading - Modeling operations only

Architectural Coating -

Vehicle Trips - Adjusted trip rate and trip length to match F&P traffic data

Woodstoves - Per PCAPCD guidance, only gas or propane fireplaces input. Left # no fireplaces as default

Consumer Products -

Area Coating - 100 g/L architectural coating emission factor assumed per PCAPCD guidance

Landscape Equipment -

Energy Use - Updated Title 24 electricity and natural gas energy intensity to match 2013 Title 24 standards (25% reduction versus 2008 standards)

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblConstructionPhase	NumDays	6,000.00	261.00
tblEnergyUse	T24E	322.48	241.86
tblEnergyUse	T24E	2.30	1.73
tblEnergyUse	T24E	3.93	2.95
tblEnergyUse	T24E	2.30	1.73
tblEnergyUse	T24E	2.30	1.73
tblEnergyUse	T24E	3.66	2.75

tblEnergyUse	T24E	4.76	3.57
tblEnergyUse	T24E	301.15	225.86
tblEnergyUse	T24E	729.62	547.22
tblEnergyUse	T24E	4.76	3.57
tblEnergyUse	T24NG	8,261.25	6,195.94
tblEnergyUse	T24NG	9.52	7.14
tblEnergyUse	T24NG	16.83	12.62
tblEnergyUse	T24NG	9.52	7.14
tblEnergyUse	T24NG	9.52	7.14
tblEnergyUse	T24NG	11.48	8.61
tblEnergyUse	T24NG	11.93	8.95
tblEnergyUse	T24NG	18,960.80	14,220.60
tblEnergyUse	T24NG	26,218.01	19,663.51
tblEnergyUse	T24NG	11.93	8.95
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	823.35	673.65
tblFireplaces	NumberGas	550.00	0.00
tblFireplaces	NumberGas	3,139.95	2,569.05
tblFireplaces	NumberPropane	0.00	673.65
tblFireplaces	NumberPropane	0.00	900.00
tblFireplaces	NumberPropane	0.00	2,569.05
tblFireplaces	NumberWood	523.95	0.00
tblFireplaces	NumberWood	350.00	0.00
tblFireplaces	NumberWood	1,998.15	0.00
tblLandUse	LotAcreage	24.95	98.90
tblLandUse	LotAcreage	12.34	56.40

tblLandUse	LotAcreage	3.74	35.90
tblLandUse	LotAcreage	6.09	48.70
tblLandUse	LotAcreage	3.24	20.00
tblLandUse	LotAcreage	39.39	69.50
tblLandUse	LotAcreage	200.00	199.00
tblLandUse	LotAcreage	1,853.57	2,223.60
tblLandUse	LotAcreage	44.04	196.30
tblLandUse	LotAcreage	27.11	84.90
tblLandUse	Population	4,281.00	2,695.00
tblLandUse	Population	16,328.00	13,894.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	488
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblVehicleTrips	CC_TL	6.60	3.10
tblVehicleTrips	CC_TL	6.60	3.76
tblVehicleTrips	CC_TL	6.60	3.47
tblVehicleTrips	CC_TL	6.60	4.71
tblVehicleTrips	CC_TL	6.60	3.96
tblVehicleTrips	CC_TL	6.60	3.64
tblVehicleTrips	CC_TL	6.60	2.28
tblVehicleTrips	CC_TL	6.60	2.00
tblVehicleTrips	CNW_TL	6.60	3.10
tblVehicleTrips	CNW_TL	6.60	3.76
tblVehicleTrips	CNW_TL	6.60	3.47
tblVehicleTrips	CNW_TL	6.60	4.71

tblVehicleTrips	CNW_TL	6.60	3.96
tblVehicleTrips	CNW_TL	6.60	3.64
tblVehicleTrips	CNW_TL	6.60	2.28
tblVehicleTrips	CNW_TL	6.60	2.00
tblVehicleTrips	CW_TL	14.70	3.10
tblVehicleTrips	CW_TL	14.70	3.76
tblVehicleTrips	CW_TL	14.70	3.47
tblVehicleTrips	CW_TL	14.70	4.71
tblVehicleTrips	CW_TL	14.70	3.96
tblVehicleTrips	CW_TL	14.70	3.64
tblVehicleTrips	CW_TL	14.70	2.28
tblVehicleTrips	CW_TL	14.70	2.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.90	4.68
tblVehicleTrips	HO_TL	7.90	4.68
tblVehicleTrips	HO_TL	7.90	4.68
tblVehicleTrips	HS_TL	7.10	4.68
tblVehicleTrips	HS_TL	7.10	4.68

tblVehicleTrips	HS_TL	7.10	4.68
tblVehicleTrips	HW_TL	16.80	4.68
tblVehicleTrips	HW_TL	16.80	4.68
tblVehicleTrips	HW_TL	16.80	4.68
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	75.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	82.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	5.58
tblVehicleTrips	ST_TR	1.59	1.27

tblVehicleTrips	ST_TR	0.00	0.86
tblVehicleTrips	ST_TR	2.37	15.19
tblVehicleTrips	ST_TR	0.61	0.86
tblVehicleTrips	ST_TR	0.00	0.86
tblVehicleTrips	ST_TR	1.64	13.22
tblVehicleTrips	ST_TR	49.97	30.04
tblVehicleTrips	ST_TR	2.81	2.83
tblVehicleTrips	ST_TR	10.08	7.72
tblVehicleTrips	ST_TR	42.04	30.04
tblVehicleTrips	SU_TR	6.07	5.58
tblVehicleTrips	SU_TR	1.59	1.27
tblVehicleTrips	SU_TR	0.00	0.86
tblVehicleTrips	SU_TR	0.98	15.19
tblVehicleTrips	SU_TR	0.25	0.86
tblVehicleTrips	SU_TR	0.00	0.86
tblVehicleTrips	SU_TR	0.76	13.22
tblVehicleTrips	SU_TR	25.24	30.04
tblVehicleTrips	SU_TR	2.81	2.83
tblVehicleTrips	SU_TR	8.77	7.72
tblVehicleTrips	SU_TR	20.43	30.04
tblVehicleTrips	WD_TR	6.59	5.58
tblVehicleTrips	WD_TR	1.59	1.27
tblVehicleTrips	WD_TR	1.29	0.86
tblVehicleTrips	WD_TR	11.01	15.19
tblVehicleTrips	WD_TR	1.71	0.86
tblVehicleTrips	WD_TR	1.62	0.86
tblVehicleTrips	WD_TR	11.42	13.22
tblVehicleTrips	WD_TR	42.94	30.04

tblVehicleTrips	WD_TR	2.81	2.83
tblVehicleTrips	WD_TR	9.57	7.72
tblVehicleTrips	WD_TR	44.32	30.04
tblWoodstoves	NumberCatalytic	74.85	0.00
tblWoodstoves	NumberCatalytic	50.00	0.00
tblWoodstoves	NumberCatalytic	285.45	0.00
tblWoodstoves	NumberNoncatalytic	74.85	0.00
tblWoodstoves	NumberNoncatalytic	50.00	0.00
tblWoodstoves	NumberNoncatalytic	285.45	0.00

2.0 Emissions Summary

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	133.9974	5.0451	63.3281	3.2200e-003		0.7504	0.7504		0.7485	0.7485	0.0000	6,442.8195	6,442.8195	0.2048	0.3196	6,546.2063
Energy	1.2249	10.6202	5.5759	0.0668		0.8463	0.8463		0.8463	0.8463	0.0000	36,261.4987	36,261.4987	1.6669	0.5190	36,457.4034
Mobile	46.9925	54.6116	328.0562	1.1206	75.4873	1.2805	76.7678	20.2240	1.1837	21.4077	0.0000	71,409.8558	71,409.8558	1.8374	0.0000	71,448.4406
Waste						0.0000	0.0000		0.0000	0.0000	2,361.2254	0.0000	2,361.2254	139.5444	0.0000	5,291.6583
Water						0.0000	0.0000		0.0000	0.0000	338.2504	1,966.4329	2,304.6832	34.8584	0.8445	3,298.5052
Total	182.2148	70.2769	396.9603	1.1906	75.4873	2.8772	78.3645	20.2240	2.7785	23.0025	2,699.4758	116,080.6069	118,780.0826	178.1118	1.6832	123,042.2138

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	133.9974	5.0451	63.3281	3.2200e-003		0.7504	0.7504		0.7485	0.7485	0.0000	6,442.8195	6,442.8195	0.2048	0.3196	6,546.2063
Energy	1.2249	10.6202	5.5759	0.0668		0.8463	0.8463		0.8463	0.8463	0.0000	36,261.4987	36,261.4987	1.6669	0.5190	36,457.4034
Mobile	46.9925	54.6116	328.0562	1.1206	75.4873	1.2805	76.7678	20.2240	1.1837	21.4077	0.0000	71,409.8558	71,409.8558	1.8374	0.0000	71,448.4406
Waste						0.0000	0.0000		0.0000	0.0000	2,361.2254	0.0000	2,361.2254	139.5444	0.0000	5,291.6583
Water						0.0000	0.0000		0.0000	0.0000	338.2504	1,966.4329	2,304.6832	34.8521	0.8432	3,297.9656
Total	182.2148	70.2769	396.9603	1.1906	75.4873	2.8772	78.3645	20.2240	2.7785	23.0025	2,699.4758	116,080.6069	118,780.0826	178.1055	1.6819	123,041.6741

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	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	1/1/2016	12/30/2016	5	261	

Acres of Grading (Site Preparation Phase): 0

3.2 Site Preparation - 2016

Mitigated Construction Off-Site

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

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	46.9925	54.6116	328.0562	1.1206	75.4873	1.2805	76.7678	20.2240	1.1837	21.4077	0.0000	71,409.85 58	71,409.85 58	1.8374	0.0000	71,448.44 06
Unmitigated	46.9925	54.6116	328.0562	1.1206	75.4873	1.2805	76.7678	20.2240	1.1837	21.4077	0.0000	71,409.85 58	71,409.85 58	1.8374	0.0000	71,448.44 06

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	8,353.26	8,353.26	8353.26	14,229,945	14,229,945
City Park	214.25	214.25	214.25	241,759	241,759
Elementary School	1,677.00	1,677.00	1677.00	2,295,209	2,295,209
General Office Building	16,506.97	16,506.97	16506.97	20,849,627	20,849,627
High School	1,720.00	1,720.00	1720.00	2,948,837	2,948,837
Junior High School	1,032.00	1,032.00	1032.00	1,487,566	1,487,566
Office Park	7,105.75	7,105.75	7105.75	9,414,835	9,414,835
Regional Shopping Center	57,625.73	57,625.73	57625.73	47,824,748	47,824,748
Retirement Community	2,830.00	2,830.00	2830.00	4,820,962	4,820,962
Single Family Housing	44,073.48	44,073.48	44073.48	75,080,055	75,080,055
Strip Mall	35,471.23	35,471.23	35471.23	25,823,057	25,823,057
Total	176,609.68	176,609.68	176,609.68	205,016,599	205,016,599

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	4.68	4.68	4.68	42.60	21.00	36.40	100	0	0
City Park	3.10	3.10	3.10	33.00	48.00	19.00	100	0	0
Elementary School	3.76	3.76	3.76	65.00	30.00	5.00	100	0	0
General Office Building	3.47	3.47	3.47	33.00	48.00	19.00	100	0	0
High School	4.71	4.71	4.71	77.80	17.20	5.00	100	0	0
Junior High School	3.96	3.96	3.96	72.80	22.20	5.00	100	0	0
Office Park	3.64	3.64	3.64	33.00	48.00	19.00	100	0	0
Regional Shopping Center	2.28	2.28	2.28	16.30	64.70	19.00	100	0	0
Retirement Community	4.68	4.68	4.68	42.60	21.00	36.40	100	0	0
Single Family Housing	4.68	4.68	4.68	42.60	21.00	36.40	100	0	0
Strip Mall	2.00	2.00	2.00	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.464663	0.065213	0.188271	0.170001	0.059169	0.008390	0.013835	0.016041	0.001602	0.001225	0.007620	0.000492	0.003478

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	24,139.3146	24,139.3146	1.4345	0.2968	24,261.4457
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	24,139.3146	24,139.3146	1.4345	0.2968	24,261.4457
NaturalGas Mitigated	1.2249	10.6202	5.5759	0.0668		0.8463	0.8463		0.8463	0.8463	0.0000	12,122.1841	12,122.1841	0.2323	0.2222	12,195.9577
NaturalGas Unmitigated	1.2249	10.6202	5.5759	0.0668		0.8463	0.8463		0.8463	0.8463	0.0000	12,122.1841	12,122.1841	0.2323	0.2222	12,195.9577

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	1.23248e+006	6.6500e-003	0.0604	0.0508	3.6000e-004		4.5900e-003	4.5900e-003		4.5900e-003	4.5900e-003	0.0000	65.7699	65.7699	1.2600e-003	1.2100e-003	66.1701
General Office Building	1.42249e+007	0.0767	0.6973	0.5857	4.1800e-003		0.0530	0.0530		0.0530	0.0530	0.0000	759.0950	759.0950	0.0146	0.0139	763.7147
High School	2.00583e+006	0.0108	0.0983	0.0826	5.9000e-004		7.4700e-003	7.4700e-003		7.4700e-003	7.4700e-003	0.0000	107.0389	107.0389	2.0500e-003	1.9600e-003	107.6904
Junior High School	1.06652e+006	5.7500e-003	0.0523	0.0439	3.1000e-004		3.9700e-003	3.9700e-003		3.9700e-003	3.9700e-003	0.0000	56.9136	56.9136	1.0900e-003	1.0400e-003	57.2599
Office Park	4.62788e+006	0.0250	0.2269	0.1906	1.3600e-003		0.0172	0.0172		0.0172	0.0172	0.0000	246.9610	246.9610	4.7300e-003	4.5300e-003	248.4640
Regional Shopping Center	1.78594e+007	0.0963	0.8755	0.7354	5.2500e-003		0.0665	0.0665		0.0665	0.0665	0.0000	953.0442	953.0442	0.0183	0.0175	958.8442
Retirement Community	1.71716e+007	0.0926	0.7912	0.3367	5.0500e-003		0.0640	0.0640		0.0640	0.0640	0.0000	916.3420	916.3420	0.0176	0.0168	921.9187
Single Family Housing	1.46135e+008	0.7880	6.7337	2.8654	0.0430		0.5444	0.5444		0.5444	0.5444	0.0000	7,798.3102	7,798.3102	0.1495	0.1430	7,845.7694
Strip Mall	1.09932e+007	0.0593	0.5389	0.4527	3.2300e-003		0.0410	0.0410		0.0410	0.0410	0.0000	586.6416	586.6416	0.0112	0.0108	590.2118
Apartments Mid Rise	1.18445e+007	0.0639	0.5458	0.2323	3.4800e-003		0.0441	0.0441		0.0441	0.0441	0.0000	632.0678	632.0678	0.0121	0.0116	635.9145
Total		1.2249	10.6202	5.5759	0.0668		0.8463	0.8463		0.8463	0.8463	0.0000	12,122.1841	12,122.1841	0.2323	0.2223	12,195.9577

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	1.23248e+006	6.6500e-003	0.0604	0.0508	3.6000e-004		4.5900e-003	4.5900e-003		4.5900e-003	4.5900e-003	0.0000	65.7699	65.7699	1.2600e-003	1.2100e-003	66.1701
General Office Building	1.42249e+007	0.0767	0.6973	0.5857	4.1800e-003		0.0530	0.0530		0.0530	0.0530	0.0000	759.0950	759.0950	0.0146	0.0139	763.7147
High School	2.00583e+006	0.0108	0.0983	0.0826	5.9000e-004		7.4700e-003	7.4700e-003		7.4700e-003	7.4700e-003	0.0000	107.0389	107.0389	2.0500e-003	1.9600e-003	107.6904
Junior High School	1.06652e+006	5.7500e-003	0.0523	0.0439	3.1000e-004		3.9700e-003	3.9700e-003		3.9700e-003	3.9700e-003	0.0000	56.9136	56.9136	1.0900e-003	1.0400e-003	57.2599
Office Park	4.62788e+006	0.0250	0.2269	0.1906	1.3600e-003		0.0172	0.0172		0.0172	0.0172	0.0000	246.9610	246.9610	4.7300e-003	4.5300e-003	248.4640
Regional Shopping Center	1.78594e+007	0.0963	0.8755	0.7354	5.2500e-003		0.0665	0.0665		0.0665	0.0665	0.0000	953.0442	953.0442	0.0183	0.0175	958.8442
Retirement Community	1.71716e+007	0.0926	0.7912	0.3367	5.0500e-003		0.0640	0.0640		0.0640	0.0640	0.0000	916.3420	916.3420	0.0176	0.0168	921.9187
Single Family Housing	1.46135e+008	0.7880	6.7337	2.8654	0.0430		0.5444	0.5444		0.5444	0.5444	0.0000	7,798.3102	7,798.3102	0.1495	0.1430	7,845.7694
Strip Mall	1.09932e+007	0.0593	0.5389	0.4527	3.2300e-003		0.0410	0.0410		0.0410	0.0410	0.0000	586.6416	586.6416	0.0112	0.0108	590.2118
Apartments Mid Rise	1.18445e+007	0.0639	0.5458	0.2323	3.4800e-003		0.0441	0.0441		0.0441	0.0441	0.0000	632.0678	632.0678	0.0121	0.0116	635.9145
Total		1.2249	10.6202	5.5759	0.0668		0.8463	0.8463		0.8463	0.8463	0.0000	12,122.1841	12,122.1841	0.2323	0.2223	12,195.9577

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	5.29604e+006	1,172.2951	0.0697	0.0144	1,178.2263
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	953705	211.1056	0.0126	2.6000e-003	212.1737
General Office Building	1.10735e+007	2,451.1473	0.1457	0.0301	2,463.5487
High School	1.55213e+006	343.5695	0.0204	4.2200e-003	345.3078
Junior High School	825283	182.6789	0.0109	2.2500e-003	183.6032
Office Park	5.77275e+006	1,277.8160	0.0759	0.0157	1,284.2810
Regional Shopping Center	2.34033e+007	5,180.3836	0.3079	0.0637	5,206.5934
Retirement Community	4.35281e+006	963.5079	0.0573	0.0119	968.3827
Single Family Housing	4.14182e+007	9,168.0513	0.5448	0.1127	9,214.4364
Strip Mall	1.44058e+007	3,188.7593	0.1895	0.0392	3,204.8926
Total		24,139.3146	1.4345	0.2968	24,261.4457

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	5.29604e+006	1,172.2951	0.0697	0.0144	1,178.2263
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	953705	211.1056	0.0126	2.6000e-003	212.1737
General Office Building	1.10735e+007	2,451.1473	0.1457	0.0301	2,463.5487
High School	1.55213e+006	343.5695	0.0204	4.2200e-003	345.3078
Junior High School	825283	182.6789	0.0109	2.2500e-003	183.6032
Office Park	5.77275e+006	1,277.8160	0.0759	0.0157	1,284.2810
Regional Shopping Center	2.34033e+007	5,180.3836	0.3079	0.0637	5,206.5934
Retirement Community	4.35281e+006	963.5079	0.0573	0.0119	968.3827
Single Family Housing	4.14182e+007	9,168.0513	0.5448	0.1127	9,214.4364
Strip Mall	1.44058e+007	3,188.7593	0.1895	0.0392	3,204.8926
Total		24,139.3146	1.4345	0.2968	24,261.4457

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	133.9974	5.0451	63.3281	3.2200e-003		0.7504	0.7504		0.7485	0.7485	0.0000	6,442.8195	6,442.8195	0.2048	0.3196	6,546.2063
Unmitigated	133.9974	5.0451	63.3281	3.2200e-003		0.7504	0.7504		0.7485	0.7485	0.0000	6,442.8195	6,442.8195	0.2048	0.3196	6,546.2063

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	32.3251					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	99.2563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.5922	4.3437	2.5201	0.0000		0.4122	0.4122		0.4103	0.4103	0.0000	6,343.1111	6,343.1111	0.1096	0.3196	6,444.4986
Landscaping	1.8238	0.7013	60.8081	3.2200e-003		0.3382	0.3382		0.3382	0.3382	0.0000	99.7083	99.7083	0.0952	0.0000	101.7077
Total	133.9974	5.0451	63.3281	3.2200e-003		0.7504	0.7504		0.7486	0.7486	0.0000	6,442.8195	6,442.8195	0.2048	0.3196	6,546.2063

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	32.3251					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	99.2563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.5922	4.3437	2.5201	0.0000		0.4122	0.4122		0.4103	0.4103	0.0000	6,343.111 1	6,343.111 1	0.1096	0.3196	6,444.498 6
Landscaping	1.8238	0.7013	60.8081	3.2200e-003		0.3382	0.3382		0.3382	0.3382	0.0000	99.7083	99.7083	0.0952	0.0000	101.7077
Total	133.9974	5.0451	63.3281	3.2200e-003		0.7504	0.7504		0.7486	0.7486	0.0000	6,442.819 5	6,442.819 5	0.2048	0.3196	6,546.206 3

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2,304.683 2	34.8521	0.8432	3,297.965 6
Unmitigated	2,304.683 2	34.8584	0.8445	3,298.505 2

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	97.5356 / 61.4898	195.4043	3.1880	0.0771	286.2422
City Park	0 / 201.003	155.7241	9.2500e-003	1.9100e-003	156.5120
Elementary School	1.57576 / 4.05194	5.5265	0.0516	1.2700e-003	7.0060
General Office Building	193.143 / 118.378	384.3229	6.3128	0.1526	564.1900
High School	8.80992 / 22.6541	30.8979	0.2887	7.1200e-003	39.1699
Junior High School	2.90909 / 7.48051	10.2027	0.0953	2.3500e-003	12.9341
Office Park	95.5319 / 58.5518	190.0926	3.1224	0.0755	279.0578
Regional Shopping Center	142.093 / 87.0895	282.7420	4.6442	0.1123	415.0682
Retirement Community	65.154 / 41.0754	130.5306	2.1296	0.0515	191.2106
Single Family Housing	371.964 / 234.499	745.1992	12.1577	0.2939	1,091.6212
Strip Mall	87.4648 / 53.6075	174.0405	2.8587	0.0691	255.4932
Total		2,304.6832	34.8584	0.8445	3,298.5052

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	97.5356 / 61.4898	195.4043	3.1874	0.0770	286.1929
City Park	0 / 201.003	155.7241	9.2500e-003	1.9100e-003	156.5120
Elementary School	1.57576 / 4.05194	5.5265	0.0516	1.2700e-003	7.0052
General Office Building	193.143 / 118.378	384.3229	6.3116	0.1523	564.0922
High School	8.80992 / 22.6541	30.8979	0.2887	7.1100e-003	39.1654
Junior High School	2.90909 / 7.48051	10.2027	0.0953	2.3500e-003	12.9327
Office Park	95.5319 / 58.5518	190.0926	3.1218	0.0754	279.0095
Regional Shopping Center	142.093 / 87.0895	282.7420	4.6434	0.1121	414.9963
Retirement Community	65.154 / 41.0754	130.5306	2.1292	0.0514	191.1776
Single Family Housing	371.964 / 234.499	745.1992	12.1555	0.2934	1,091.4329
Strip Mall	87.4648 / 53.6075	174.0405	2.8582	0.0690	255.4489
Total		2,304.6832	34.8521	0.8432	3,297.9656

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Unmitigated	2,361.225 4	139.5444	0.0000	5,291.658 3
Mitigated	2,361.225 4	139.5444	0.0000	5,291.658 3

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	688.62	139.7836	8.2610	0.0000	313.2641
City Park	14.51	2.9454	0.1741	0.0000	6.6008
Elementary School	118.63	24.0808	1.4231	0.0000	53.9667
General Office Building	1010.63	205.1488	12.1239	0.0000	459.7516
High School	365	74.0917	4.3787	0.0000	166.0443
Junior High School	219	44.4550	2.6272	0.0000	99.6266
Office Park	499.88	101.4711	5.9968	0.0000	227.4033
Regional Shopping Center	2014.22	408.8685	24.1634	0.0000	916.3006
Retirement Community	460	93.3758	5.5184	0.0000	209.2613
Single Family Housing	5001.84	1,015.328 3	60.0042	0.0000	2,275.416 2
Strip Mall	1239.84	251.6763	14.8736	0.0000	564.0228
Total		2,361.225 4	139.5444	0.0000	5,291.658 3

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	688.62	139.7836	8.2610	0.0000	313.2641
City Park	14.51	2.9454	0.1741	0.0000	6.6008
Elementary School	118.63	24.0808	1.4231	0.0000	53.9667
General Office Building	1010.63	205.1488	12.1239	0.0000	459.7516
High School	365	74.0917	4.3787	0.0000	166.0443
Junior High School	219	44.4550	2.6272	0.0000	99.6266
Office Park	499.88	101.4711	5.9968	0.0000	227.4033
Regional Shopping Center	2014.22	408.8685	24.1634	0.0000	916.3006
Retirement Community	460	93.3758	5.5184	0.0000	209.2613
Single Family Housing	5001.84	1,015.328 3	60.0042	0.0000	2,275.416 2
Strip Mall	1239.84	251.6763	14.8736	0.0000	564.0228
Total		2,361.225 4	139.5444	0.0000	5,291.658 3

9.0 Operational Offroad

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

Lincoln Village 5 - Buildout Operations Adjusted

Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,086.70	1000sqft	98.90	1,086,700.00	0
Office Park	537.50	1000sqft	56.40	537,500.00	0
Elementary School	1,950.00	Student	35.90	163,026.57	0
High School	2,000.00	Student	48.70	265,321.96	0
Junior High School	1,200.00	Student	20.00	141,074.02	0
City Park	168.70	Acre	168.70	7,348,572.00	0
Apartments Mid Rise	1,497.00	Dwelling Unit	69.50	1,497,000.00	2695
Retirement Community	1,000.00	Dwelling Unit	199.00	1,000,000.00	2860
Single Family Housing	5,709.00	Dwelling Unit	2,223.60	10,276,200.00	13894
Regional Shopping Center	1,918.30	1000sqft	196.30	1,918,300.00	0
Strip Mall	1,180.80	1000sqft	84.90	1,180,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	488	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Revised CO2 Intensity Factor per Quantification of Greenhouse Gas Emissions for Non-Transportation Activities (ENVIRON, November 2014)

Land Use - Buildout land uses and acreage based on Project Description. Population based on Specific Plan

Construction Phase - Modeling operations only

Off-road Equipment - The Plan construction duration condensed the default schedule. Multiplied default equipment # by 2 times.

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Grading - Modeling operations only

Architectural Coating -

Vehicle Trips - Adjusted trip rate and trip length to match F&P traffic data

Woodstoves - Per PCAPCD guidance, only gas or propane fireplaces input. Left # no fireplaces as default

Consumer Products -

Area Coating - 100 g/L architectural coating emission factor assumed per PCAPCD guidance

Landscape Equipment -

Energy Use - Updated Title 24 electricity and natural gas energy intensity to match 2013 Title 24 standards (25% reduction versus 2008 standards)

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblConstructionPhase	NumDays	6,000.00	261.00
tblEnergyUse	T24E	322.48	241.86
tblEnergyUse	T24E	2.30	1.73
tblEnergyUse	T24E	3.93	2.95
tblEnergyUse	T24E	2.30	1.73
tblEnergyUse	T24E	2.30	1.73
tblEnergyUse	T24E	3.66	2.75

tblEnergyUse	T24E	4.76	3.57
tblEnergyUse	T24E	301.15	225.86
tblEnergyUse	T24E	729.62	547.22
tblEnergyUse	T24E	4.76	3.57
tblEnergyUse	T24NG	8,261.25	6,195.94
tblEnergyUse	T24NG	9.52	7.14
tblEnergyUse	T24NG	16.83	12.62
tblEnergyUse	T24NG	9.52	7.14
tblEnergyUse	T24NG	9.52	7.14
tblEnergyUse	T24NG	11.48	8.61
tblEnergyUse	T24NG	11.93	8.95
tblEnergyUse	T24NG	18,960.80	14,220.60
tblEnergyUse	T24NG	26,218.01	19,663.51
tblEnergyUse	T24NG	11.93	8.95
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	823.35	673.65
tblFireplaces	NumberGas	550.00	0.00
tblFireplaces	NumberGas	3,139.95	2,569.05
tblFireplaces	NumberPropane	0.00	673.65
tblFireplaces	NumberPropane	0.00	900.00
tblFireplaces	NumberPropane	0.00	2,569.05
tblFireplaces	NumberWood	523.95	0.00
tblFireplaces	NumberWood	350.00	0.00
tblFireplaces	NumberWood	1,998.15	0.00
tblLandUse	LotAcreage	24.95	98.90
tblLandUse	LotAcreage	12.34	56.40

tblLandUse	LotAcreage	3.74	35.90
tblLandUse	LotAcreage	6.09	48.70
tblLandUse	LotAcreage	3.24	20.00
tblLandUse	LotAcreage	39.39	69.50
tblLandUse	LotAcreage	200.00	199.00
tblLandUse	LotAcreage	1,853.57	2,223.60
tblLandUse	LotAcreage	44.04	196.30
tblLandUse	LotAcreage	27.11	84.90
tblLandUse	Population	4,281.00	2,695.00
tblLandUse	Population	16,328.00	13,894.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	488
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblVehicleTrips	CC_TL	6.60	3.10
tblVehicleTrips	CC_TL	6.60	3.76
tblVehicleTrips	CC_TL	6.60	3.47
tblVehicleTrips	CC_TL	6.60	4.71
tblVehicleTrips	CC_TL	6.60	3.96
tblVehicleTrips	CC_TL	6.60	3.64
tblVehicleTrips	CC_TL	6.60	2.28
tblVehicleTrips	CC_TL	6.60	2.00
tblVehicleTrips	CNW_TL	6.60	3.10
tblVehicleTrips	CNW_TL	6.60	3.76
tblVehicleTrips	CNW_TL	6.60	3.47
tblVehicleTrips	CNW_TL	6.60	4.71

tblVehicleTrips	CNW_TL	6.60	3.96
tblVehicleTrips	CNW_TL	6.60	3.64
tblVehicleTrips	CNW_TL	6.60	2.28
tblVehicleTrips	CNW_TL	6.60	2.00
tblVehicleTrips	CW_TL	14.70	3.10
tblVehicleTrips	CW_TL	14.70	3.76
tblVehicleTrips	CW_TL	14.70	3.47
tblVehicleTrips	CW_TL	14.70	4.71
tblVehicleTrips	CW_TL	14.70	3.96
tblVehicleTrips	CW_TL	14.70	3.64
tblVehicleTrips	CW_TL	14.70	2.28
tblVehicleTrips	CW_TL	14.70	2.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.90	4.68
tblVehicleTrips	HO_TL	7.90	4.68
tblVehicleTrips	HO_TL	7.90	4.68
tblVehicleTrips	HS_TL	7.10	4.68
tblVehicleTrips	HS_TL	7.10	4.68

tblVehicleTrips	HS_TL	7.10	4.68
tblVehicleTrips	HW_TL	16.80	4.68
tblVehicleTrips	HW_TL	16.80	4.68
tblVehicleTrips	HW_TL	16.80	4.68
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	75.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	82.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	5.58
tblVehicleTrips	ST_TR	1.59	1.27

tblVehicleTrips	ST_TR	0.00	0.86
tblVehicleTrips	ST_TR	2.37	15.19
tblVehicleTrips	ST_TR	0.61	0.86
tblVehicleTrips	ST_TR	0.00	0.86
tblVehicleTrips	ST_TR	1.64	13.22
tblVehicleTrips	ST_TR	49.97	30.04
tblVehicleTrips	ST_TR	2.81	2.83
tblVehicleTrips	ST_TR	10.08	7.72
tblVehicleTrips	ST_TR	42.04	30.04
tblVehicleTrips	SU_TR	6.07	5.58
tblVehicleTrips	SU_TR	1.59	1.27
tblVehicleTrips	SU_TR	0.00	0.86
tblVehicleTrips	SU_TR	0.98	15.19
tblVehicleTrips	SU_TR	0.25	0.86
tblVehicleTrips	SU_TR	0.00	0.86
tblVehicleTrips	SU_TR	0.76	13.22
tblVehicleTrips	SU_TR	25.24	30.04
tblVehicleTrips	SU_TR	2.81	2.83
tblVehicleTrips	SU_TR	8.77	7.72
tblVehicleTrips	SU_TR	20.43	30.04
tblVehicleTrips	WD_TR	6.59	5.58
tblVehicleTrips	WD_TR	1.59	1.27
tblVehicleTrips	WD_TR	1.29	0.86
tblVehicleTrips	WD_TR	11.01	15.19
tblVehicleTrips	WD_TR	1.71	0.86
tblVehicleTrips	WD_TR	1.62	0.86
tblVehicleTrips	WD_TR	11.42	13.22
tblVehicleTrips	WD_TR	42.94	30.04

tblVehicleTrips	WD_TR	2.81	2.83
tblVehicleTrips	WD_TR	9.57	7.72
tblVehicleTrips	WD_TR	44.32	30.04
tblWoodstoves	NumberCatalytic	74.85	0.00
tblWoodstoves	NumberCatalytic	50.00	0.00
tblWoodstoves	NumberCatalytic	285.45	0.00
tblWoodstoves	NumberNoncatalytic	74.85	0.00
tblWoodstoves	NumberNoncatalytic	50.00	0.00
tblWoodstoves	NumberNoncatalytic	285.45	0.00

2.0 Emissions Summary

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	755.7026	113.7371	737.1104	0.0358		13.8117	13.8117		13.7659	13.7659	0.0000	171,759.8312	171,759.8312	4.1122	8.5936	174,510.1863
Energy	6.7117	58.1929	30.5530	0.3661		4.6372	4.6372		4.6372	4.6372		73,218.7434	73,218.7434	1.4034	1.3423	73,664.3405
Mobile	305.5191	281.5774	1,764.5486	6.6870	433.6366	7.0277	440.6643	115.7528	6.4964	122.2492		466,841.6474	466,841.6474	11.1278		467,075.3301
Total	1,067.9335	453.5074	2,532.2120	7.0889	433.6366	25.4766	459.1132	115.7528	24.8995	140.6523	0.0000	711,820.2220	711,820.2220	16.6433	9.9359	715,249.8569

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	755.7026	113.7371	737.1104	0.0358		13.8117	13.8117		13.7659	13.7659	0.0000	171,759.8312	171,759.8312	4.1122	8.5936	174,510.1863
Energy	6.7117	58.1929	30.5530	0.3661		4.6372	4.6372		4.6372	4.6372		73,218.7434	73,218.7434	1.4034	1.3423	73,664.3405
Mobile	305.5191	281.5774	1,764.5486	6.6870	433.6366	7.0277	440.6643	115.7528	6.4964	122.2492		466,841.6474	466,841.6474	11.1278		467,075.3301
Total	1,067.9335	453.5074	2,532.2120	7.0889	433.6366	25.4766	459.1132	115.7528	24.8995	140.6523	0.0000	711,820.2220	711,820.2220	16.6433	9.9359	715,249.8569

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2016	12/30/2016	5	261	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	0.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	0.00	97	0.37

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	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2016

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.2 Site Preparation - 2016

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

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	305.5191	281.5774	1,764.5486	6.6870	433.6366	7.0277	440.6643	115.7528	6.4964	122.2492		466,841.6474	466,841.6474	11.1278		467,075.3301
Unmitigated	305.5191	281.5774	1,764.5486	6.6870	433.6366	7.0277	440.6643	115.7528	6.4964	122.2492		466,841.6474	466,841.6474	11.1278		467,075.3301

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	8,353.26	8,353.26	8353.26	14,229,945	14,229,945
City Park	214.25	214.25	214.25	241,759	241,759
Elementary School	1,677.00	1,677.00	1677.00	2,295,209	2,295,209
General Office Building	16,506.97	16,506.97	16506.97	20,849,627	20,849,627
High School	1,720.00	1,720.00	1720.00	2,948,837	2,948,837
Junior High School	1,032.00	1,032.00	1032.00	1,487,566	1,487,566
Office Park	7,105.75	7,105.75	7105.75	9,414,835	9,414,835
Regional Shopping Center	57,625.73	57,625.73	57625.73	47,824,748	47,824,748
Retirement Community	2,830.00	2,830.00	2830.00	4,820,962	4,820,962
Single Family Housing	44,073.48	44,073.48	44073.48	75,080,055	75,080,055
Strip Mall	35,471.23	35,471.23	35471.23	25,823,057	25,823,057
Total	176,609.68	176,609.68	176,609.68	205,016,599	205,016,599

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	4.68	4.68	4.68	42.60	21.00	36.40	100	0	0
City Park	3.10	3.10	3.10	33.00	48.00	19.00	100	0	0
Elementary School	3.76	3.76	3.76	65.00	30.00	5.00	100	0	0
General Office Building	3.47	3.47	3.47	33.00	48.00	19.00	100	0	0
High School	4.71	4.71	4.71	77.80	17.20	5.00	100	0	0
Junior High School	3.96	3.96	3.96	72.80	22.20	5.00	100	0	0
Office Park	3.64	3.64	3.64	33.00	48.00	19.00	100	0	0
Regional Shopping Center	2.28	2.28	2.28	16.30	64.70	19.00	100	0	0
Retirement Community	4.68	4.68	4.68	42.60	21.00	36.40	100	0	0
Single Family Housing	4.68	4.68	4.68	42.60	21.00	36.40	100	0	0
Strip Mall	2.00	2.00	2.00	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.464663	0.065213	0.188271	0.170001	0.059169	0.008390	0.013835	0.016041	0.001602	0.001225	0.007620	0.000492	0.003478

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures 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	6.7117	58.1929	30.5530	0.3661		4.6372	4.6372		4.6372	4.6372		73,218.7434	73,218.7434	1.4034	1.3423	73,664.3405
NaturalGas Unmitigated	6.7117	58.1929	30.5530	0.3661		4.6372	4.6372		4.6372	4.6372		73,218.7434	73,218.7434	1.4034	1.3423	73,664.3405

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	3376.66	0.0364	0.3311	0.2781	1.9900e-003		0.0252	0.0252		0.0252	0.0252		397.2541	397.2541	7.6100e-003	7.2800e-003	399.6717
General Office Building	38972.3	0.4203	3.8208	3.2095	0.0229		0.2904	0.2904		0.2904	0.2904		4,584.9808	4,584.9808	0.0879	0.0841	4,612.8843
High School	5495.44	0.0593	0.5388	0.4526	3.2300e-003		0.0410	0.0410		0.0410	0.0410		646.5218	646.5218	0.0124	0.0119	650.4565
Junior High School	2921.97	0.0315	0.2865	0.2406	1.7200e-003		0.0218	0.0218		0.0218	0.0218		343.7614	343.7614	6.5900e-003	6.3000e-003	345.8534
Office Park	12679.1	0.1367	1.2431	1.0442	7.4600e-003		0.0945	0.0945		0.0945	0.0945		1,491.6600	1,491.6600	0.0286	0.0274	1,500.7380
Regional Shopping Center	48929.8	0.5277	4.7970	4.0295	0.0288		0.3646	0.3646		0.3646	0.3646		5,756.4458	5,756.4458	0.1103	0.1055	5,791.4785
Retirement Community	47045.5	0.5074	4.3356	1.8449	0.0277		0.3505	0.3505		0.3505	0.3505		5,534.7623	5,534.7623	0.1061	0.1015	5,568.4459
Single Family Housing	400369	4.3177	36.8968	15.7008	0.2355		2.9831	2.9831		2.9831	2.9831		47,102.2770	47,102.2770	0.9028	0.8635	47,388.9336
Strip Mall	30118.5	0.3248	2.9528	2.4804	0.0177		0.2244	0.2244		0.2244	0.2244		3,543.3515	3,543.3515	0.0679	0.0650	3,564.9157
Apartments Mid Rise	32450.7	0.3500	2.9906	1.2726	0.0191		0.2418	0.2418		0.2418	0.2418		3,817.7288	3,817.7288	0.0732	0.0700	3,840.9628
Total		6.7117	58.1929	30.5531	0.3661		4.6372	4.6372		4.6372	4.6372		73,218.7434	73,218.7434	1.4033	1.3423	73,664.3405

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	3.37666	0.0364	0.3311	0.2781	1.9900e-003		0.0252	0.0252		0.0252	0.0252		397.2541	397.2541	7.6100e-003	7.2800e-003	399.6717
General Office Building	38.9723	0.4203	3.8208	3.2095	0.0229		0.2904	0.2904		0.2904	0.2904		4,584.9808	4,584.9808	0.0879	0.0841	4,612.8843
High School	5.49544	0.0593	0.5388	0.4526	3.2300e-003		0.0410	0.0410		0.0410	0.0410		646.5218	646.5218	0.0124	0.0119	650.4565
Junior High School	2.92197	0.0315	0.2865	0.2406	1.7200e-003		0.0218	0.0218		0.0218	0.0218		343.7614	343.7614	6.5900e-003	6.3000e-003	345.8534
Office Park	12.6791	0.1367	1.2431	1.0442	7.4600e-003		0.0945	0.0945		0.0945	0.0945		1,491.6600	1,491.6600	0.0286	0.0274	1,500.7380
Regional Shopping Center	48.9298	0.5277	4.7970	4.0295	0.0288		0.3646	0.3646		0.3646	0.3646		5,756.4458	5,756.4458	0.1103	0.1055	5,791.4785
Retirement Community	47.0455	0.5074	4.3356	1.8449	0.0277		0.3505	0.3505		0.3505	0.3505		5,534.7623	5,534.7623	0.1061	0.1015	5,568.4459
Single Family Housing	400.369	4.3177	36.8968	15.7008	0.2355		2.9831	2.9831		2.9831	2.9831		47,102.2770	47,102.2770	0.9028	0.8635	47,388.9336
Strip Mall	30.1185	0.3248	2.9528	2.4804	0.0177		0.2244	0.2244		0.2244	0.2244		3,543.3515	3,543.3515	0.0679	0.0650	3,564.9157
Apartments Mid Rise	32.4507	0.3500	2.9906	1.2726	0.0191		0.2418	0.2418		0.2418	0.2418		3,817.7288	3,817.7288	0.0732	0.0700	3,840.9628
Total		6.7117	58.1929	30.5531	0.3661		4.6372	4.6372		4.6372	4.6372		73,218.7434	73,218.7434	1.4033	1.3423	73,664.3405

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	755.7026	113.7371	737.1104	0.0358		13.8117	13.8117		13.7659	13.7659	0.0000	171,759.8312	171,759.8312	4.1122	8.5936	174,510.1863
Unmitigated	755.7026	113.7371	737.1104	0.0358		13.8117	13.8117		13.7659	13.7659	0.0000	171,759.8312	171,759.8312	4.1122	8.5936	174,510.1863

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	177.1239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	543.8702					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	14.4442	105.9448	61.4652	0.0000		10.0537	10.0537		10.0080	10.0080	0.0000	170,538.6133	170,538.6133	2.9461	8.5936	173,264.4803
Landscaping	20.2643	7.7924	675.6452	0.0358		3.7580	3.7580		3.7580	3.7580		1,221.2179	1,221.2179	1.1661		1,245.7060
Total	755.7026	113.7372	737.1104	0.0358		13.8117	13.8117		13.7659	13.7659	0.0000	171,759.8312	171,759.8312	4.1122	8.5936	174,510.1863

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	177.1239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	543.8702					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	14.4442	105.9448	61.4652	0.0000		10.0537	10.0537		10.0080	10.0080	0.0000	170,538.6133	170,538.6133	2.9461	8.5936	173,264.4803
Landscaping	20.2643	7.7924	675.6452	0.0358		3.7580	3.7580		3.7580	3.7580		1,221,217.9	1,221,217.9	1.1661		1,245,706.0
Total	755.7026	113.7372	737.1104	0.0358		13.8117	13.8117		13.7659	13.7659	0.0000	171,759.8312	171,759.8312	4.1122	8.5936	174,510.1863

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Lincoln Village 5 - Buildout Operations Adjusted Placer-Sacramento County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,086.70	1000sqft	98.90	1,086,700.00	0
Office Park	537.50	1000sqft	56.40	537,500.00	0
Elementary School	1,950.00	Student	35.90	163,026.57	0
High School	2,000.00	Student	48.70	265,321.96	0
Junior High School	1,200.00	Student	20.00	141,074.02	0
City Park	168.70	Acre	168.70	7,348,572.00	0
Apartments Mid Rise	1,497.00	Dwelling Unit	69.50	1,497,000.00	2695
Retirement Community	1,000.00	Dwelling Unit	199.00	1,000,000.00	2860
Single Family Housing	5,709.00	Dwelling Unit	2,223.60	10,276,200.00	13894
Regional Shopping Center	1,918.30	1000sqft	196.30	1,918,300.00	0
Strip Mall	1,180.80	1000sqft	84.90	1,180,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	488	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Revised CO2 Intensity Factor per Quantification of Greenhouse Gas Emissions for Non-Transportation Activities (ENVIRON, November 2014)

Land Use - Buildout land uses and acreage based on Project Description. Population based on Specific Plan

Construction Phase - Modeling operations only

Off-road Equipment - The Plan construction duration condensed the default schedule. Multiplied default equipment # by 2 times.

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Grading - Modeling operations only

Architectural Coating -

Vehicle Trips - Adjusted trip rate and trip length to match F&P traffic data

Woodstoves - Per PCAPCD guidance, only gas or propane fireplaces input. Left # no fireplaces as default

Consumer Products -

Area Coating - 100 g/L architectural coating emission factor assumed per PCAPCD guidance

Landscape Equipment -

Energy Use - Updated Title 24 electricity and natural gas energy intensity to match 2013 Title 24 standards (25% reduction versus 2008 standards)

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblConstructionPhase	NumDays	6,000.00	261.00
tblEnergyUse	T24E	322.48	241.86
tblEnergyUse	T24E	2.30	1.73
tblEnergyUse	T24E	3.93	2.95
tblEnergyUse	T24E	2.30	1.73
tblEnergyUse	T24E	2.30	1.73
tblEnergyUse	T24E	3.66	2.75

tblEnergyUse	T24E	4.76	3.57
tblEnergyUse	T24E	301.15	225.86
tblEnergyUse	T24E	729.62	547.22
tblEnergyUse	T24E	4.76	3.57
tblEnergyUse	T24NG	8,261.25	6,195.94
tblEnergyUse	T24NG	9.52	7.14
tblEnergyUse	T24NG	16.83	12.62
tblEnergyUse	T24NG	9.52	7.14
tblEnergyUse	T24NG	9.52	7.14
tblEnergyUse	T24NG	11.48	8.61
tblEnergyUse	T24NG	11.93	8.95
tblEnergyUse	T24NG	18,960.80	14,220.60
tblEnergyUse	T24NG	26,218.01	19,663.51
tblEnergyUse	T24NG	11.93	8.95
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	823.35	673.65
tblFireplaces	NumberGas	550.00	0.00
tblFireplaces	NumberGas	3,139.95	2,569.05
tblFireplaces	NumberPropane	0.00	673.65
tblFireplaces	NumberPropane	0.00	900.00
tblFireplaces	NumberPropane	0.00	2,569.05
tblFireplaces	NumberWood	523.95	0.00
tblFireplaces	NumberWood	350.00	0.00
tblFireplaces	NumberWood	1,998.15	0.00
tblLandUse	LotAcreage	24.95	98.90
tblLandUse	LotAcreage	12.34	56.40

tblLandUse	LotAcreage	3.74	35.90
tblLandUse	LotAcreage	6.09	48.70
tblLandUse	LotAcreage	3.24	20.00
tblLandUse	LotAcreage	39.39	69.50
tblLandUse	LotAcreage	200.00	199.00
tblLandUse	LotAcreage	1,853.57	2,223.60
tblLandUse	LotAcreage	44.04	196.30
tblLandUse	LotAcreage	27.11	84.90
tblLandUse	Population	4,281.00	2,695.00
tblLandUse	Population	16,328.00	13,894.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	488
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblVehicleTrips	CC_TL	6.60	3.10
tblVehicleTrips	CC_TL	6.60	3.76
tblVehicleTrips	CC_TL	6.60	3.47
tblVehicleTrips	CC_TL	6.60	4.71
tblVehicleTrips	CC_TL	6.60	3.96
tblVehicleTrips	CC_TL	6.60	3.64
tblVehicleTrips	CC_TL	6.60	2.28
tblVehicleTrips	CC_TL	6.60	2.00
tblVehicleTrips	CNW_TL	6.60	3.10
tblVehicleTrips	CNW_TL	6.60	3.76
tblVehicleTrips	CNW_TL	6.60	3.47
tblVehicleTrips	CNW_TL	6.60	4.71

tblVehicleTrips	CNW_TL	6.60	3.96
tblVehicleTrips	CNW_TL	6.60	3.64
tblVehicleTrips	CNW_TL	6.60	2.28
tblVehicleTrips	CNW_TL	6.60	2.00
tblVehicleTrips	CW_TL	14.70	3.10
tblVehicleTrips	CW_TL	14.70	3.76
tblVehicleTrips	CW_TL	14.70	3.47
tblVehicleTrips	CW_TL	14.70	4.71
tblVehicleTrips	CW_TL	14.70	3.96
tblVehicleTrips	CW_TL	14.70	3.64
tblVehicleTrips	CW_TL	14.70	2.28
tblVehicleTrips	CW_TL	14.70	2.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
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tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.90	4.68
tblVehicleTrips	HO_TL	7.90	4.68
tblVehicleTrips	HO_TL	7.90	4.68
tblVehicleTrips	HS_TL	7.10	4.68
tblVehicleTrips	HS_TL	7.10	4.68

tblVehicleTrips	HS_TL	7.10	4.68
tblVehicleTrips	HW_TL	16.80	4.68
tblVehicleTrips	HW_TL	16.80	4.68
tblVehicleTrips	HW_TL	16.80	4.68
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	75.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	82.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	5.58
tblVehicleTrips	ST_TR	1.59	1.27

tblVehicleTrips	ST_TR	0.00	0.86
tblVehicleTrips	ST_TR	2.37	15.19
tblVehicleTrips	ST_TR	0.61	0.86
tblVehicleTrips	ST_TR	0.00	0.86
tblVehicleTrips	ST_TR	1.64	13.22
tblVehicleTrips	ST_TR	49.97	30.04
tblVehicleTrips	ST_TR	2.81	2.83
tblVehicleTrips	ST_TR	10.08	7.72
tblVehicleTrips	ST_TR	42.04	30.04
tblVehicleTrips	SU_TR	6.07	5.58
tblVehicleTrips	SU_TR	1.59	1.27
tblVehicleTrips	SU_TR	0.00	0.86
tblVehicleTrips	SU_TR	0.98	15.19
tblVehicleTrips	SU_TR	0.25	0.86
tblVehicleTrips	SU_TR	0.00	0.86
tblVehicleTrips	SU_TR	0.76	13.22
tblVehicleTrips	SU_TR	25.24	30.04
tblVehicleTrips	SU_TR	2.81	2.83
tblVehicleTrips	SU_TR	8.77	7.72
tblVehicleTrips	SU_TR	20.43	30.04
tblVehicleTrips	WD_TR	6.59	5.58
tblVehicleTrips	WD_TR	1.59	1.27
tblVehicleTrips	WD_TR	1.29	0.86
tblVehicleTrips	WD_TR	11.01	15.19
tblVehicleTrips	WD_TR	1.71	0.86
tblVehicleTrips	WD_TR	1.62	0.86
tblVehicleTrips	WD_TR	11.42	13.22
tblVehicleTrips	WD_TR	42.94	30.04

tblVehicleTrips	WD_TR	2.81	2.83
tblVehicleTrips	WD_TR	9.57	7.72
tblVehicleTrips	WD_TR	44.32	30.04
tblWoodstoves	NumberCatalytic	74.85	0.00
tblWoodstoves	NumberCatalytic	50.00	0.00
tblWoodstoves	NumberCatalytic	285.45	0.00
tblWoodstoves	NumberNoncatalytic	74.85	0.00
tblWoodstoves	NumberNoncatalytic	50.00	0.00
tblWoodstoves	NumberNoncatalytic	285.45	0.00

2.0 Emissions Summary

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	755.7026	113.7371	737.1104	0.0358		13.8117	13.8117		13.7659	13.7659	0.0000	171,759.8312	171,759.8312	4.1122	8.5936	174,510.1863
Energy	6.7117	58.1929	30.5530	0.3661		4.6372	4.6372		4.6372	4.6372		73,218.7434	73,218.7434	1.4034	1.3423	73,664.3405
Mobile	266.7994	315.0492	2,081.6567	6.0236	433.6366	7.0667	440.7033	115.7528	6.5322	122.2850		423,505.7782	423,505.7782	11.1607		423,740.1527
Total	1,029.2137	486.9792	2,849.3200	6.4255	433.6366	25.5156	459.1522	115.7528	24.9353	140.6881	0.0000	668,484.3528	668,484.3528	16.6762	9.9359	671,914.6795

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	755.7026	113.7371	737.1104	0.0358		13.8117	13.8117		13.7659	13.7659	0.0000	171,759.8312	171,759.8312	4.1122	8.5936	174,510.1863
Energy	6.7117	58.1929	30.5530	0.3661		4.6372	4.6372		4.6372	4.6372		73,218.7434	73,218.7434	1.4034	1.3423	73,664.3405
Mobile	266.7994	315.0492	2,081.6567	6.0236	433.6366	7.0667	440.7033	115.7528	6.5322	122.2850		423,505.7782	423,505.7782	11.1607		423,740.1527
Total	1,029.2137	486.9792	2,849.3200	6.4255	433.6366	25.5156	459.1522	115.7528	24.9353	140.6881	0.0000	668,484.3528	668,484.3528	16.6762	9.9359	671,914.6795

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2016	12/30/2016	5	261	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	0.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	0.00	97	0.37

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	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2016

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.2 Site Preparation - 2016

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

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	266.7994	315.0492	2,081.6567	6.0236	433.6366	7.0667	440.7033	115.7528	6.5322	122.2850		423,505.7782	423,505.7782	11.1607		423,740.1527
Unmitigated	266.7994	315.0492	2,081.6567	6.0236	433.6366	7.0667	440.7033	115.7528	6.5322	122.2850		423,505.7782	423,505.7782	11.1607		423,740.1527

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	8,353.26	8,353.26	8353.26	14,229,945	14,229,945
City Park	214.25	214.25	214.25	241,759	241,759
Elementary School	1,677.00	1,677.00	1677.00	2,295,209	2,295,209
General Office Building	16,506.97	16,506.97	16506.97	20,849,627	20,849,627
High School	1,720.00	1,720.00	1720.00	2,948,837	2,948,837
Junior High School	1,032.00	1,032.00	1032.00	1,487,566	1,487,566
Office Park	7,105.75	7,105.75	7105.75	9,414,835	9,414,835
Regional Shopping Center	57,625.73	57,625.73	57625.73	47,824,748	47,824,748
Retirement Community	2,830.00	2,830.00	2830.00	4,820,962	4,820,962
Single Family Housing	44,073.48	44,073.48	44073.48	75,080,055	75,080,055
Strip Mall	35,471.23	35,471.23	35471.23	25,823,057	25,823,057
Total	176,609.68	176,609.68	176,609.68	205,016,599	205,016,599

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	4.68	4.68	4.68	42.60	21.00	36.40	100	0	0
City Park	3.10	3.10	3.10	33.00	48.00	19.00	100	0	0
Elementary School	3.76	3.76	3.76	65.00	30.00	5.00	100	0	0
General Office Building	3.47	3.47	3.47	33.00	48.00	19.00	100	0	0
High School	4.71	4.71	4.71	77.80	17.20	5.00	100	0	0
Junior High School	3.96	3.96	3.96	72.80	22.20	5.00	100	0	0
Office Park	3.64	3.64	3.64	33.00	48.00	19.00	100	0	0
Regional Shopping Center	2.28	2.28	2.28	16.30	64.70	19.00	100	0	0
Retirement Community	4.68	4.68	4.68	42.60	21.00	36.40	100	0	0
Single Family Housing	4.68	4.68	4.68	42.60	21.00	36.40	100	0	0
Strip Mall	2.00	2.00	2.00	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.464663	0.065213	0.188271	0.170001	0.059169	0.008390	0.013835	0.016041	0.001602	0.001225	0.007620	0.000492	0.003478

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures 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	6.7117	58.1929	30.5530	0.3661		4.6372	4.6372		4.6372	4.6372		73,218.7434	73,218.7434	1.4034	1.3423	73,664.3405
NaturalGas Unmitigated	6.7117	58.1929	30.5530	0.3661		4.6372	4.6372		4.6372	4.6372		73,218.7434	73,218.7434	1.4034	1.3423	73,664.3405

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	3376.66	0.0364	0.3311	0.2781	1.9900e-003		0.0252	0.0252		0.0252	0.0252		397.2541	397.2541	7.6100e-003	7.2800e-003	399.6717
General Office Building	38972.3	0.4203	3.8208	3.2095	0.0229		0.2904	0.2904		0.2904	0.2904		4,584.9808	4,584.9808	0.0879	0.0841	4,612.8843
High School	5495.44	0.0593	0.5388	0.4526	3.2300e-003		0.0410	0.0410		0.0410	0.0410		646.5218	646.5218	0.0124	0.0119	650.4565
Junior High School	2921.97	0.0315	0.2865	0.2406	1.7200e-003		0.0218	0.0218		0.0218	0.0218		343.7614	343.7614	6.5900e-003	6.3000e-003	345.8534
Office Park	12679.1	0.1367	1.2431	1.0442	7.4600e-003		0.0945	0.0945		0.0945	0.0945		1,491.6600	1,491.6600	0.0286	0.0274	1,500.7380
Regional Shopping Center	48929.8	0.5277	4.7970	4.0295	0.0288		0.3646	0.3646		0.3646	0.3646		5,756.4458	5,756.4458	0.1103	0.1055	5,791.4785
Retirement Community	47045.5	0.5074	4.3356	1.8449	0.0277		0.3505	0.3505		0.3505	0.3505		5,534.7623	5,534.7623	0.1061	0.1015	5,568.4459
Single Family Housing	400369	4.3177	36.8968	15.7008	0.2355		2.9831	2.9831		2.9831	2.9831		47,102.2770	47,102.2770	0.9028	0.8635	47,388.9336
Strip Mall	30118.5	0.3248	2.9528	2.4804	0.0177		0.2244	0.2244		0.2244	0.2244		3,543.3515	3,543.3515	0.0679	0.0650	3,564.9157
Apartments Mid Rise	32450.7	0.3500	2.9906	1.2726	0.0191		0.2418	0.2418		0.2418	0.2418		3,817.7288	3,817.7288	0.0732	0.0700	3,840.9628
Total		6.7117	58.1929	30.5531	0.3661		4.6372	4.6372		4.6372	4.6372		73,218.7434	73,218.7434	1.4033	1.3423	73,664.3405

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	3.37666	0.0364	0.3311	0.2781	1.9900e-003		0.0252	0.0252		0.0252	0.0252		397.2541	397.2541	7.6100e-003	7.2800e-003	399.6717
General Office Building	38.9723	0.4203	3.8208	3.2095	0.0229		0.2904	0.2904		0.2904	0.2904		4,584.9808	4,584.9808	0.0879	0.0841	4,612.8843
High School	5.49544	0.0593	0.5388	0.4526	3.2300e-003		0.0410	0.0410		0.0410	0.0410		646.5218	646.5218	0.0124	0.0119	650.4565
Junior High School	2.92197	0.0315	0.2865	0.2406	1.7200e-003		0.0218	0.0218		0.0218	0.0218		343.7614	343.7614	6.5900e-003	6.3000e-003	345.8534
Office Park	12.6791	0.1367	1.2431	1.0442	7.4600e-003		0.0945	0.0945		0.0945	0.0945		1,491.6600	1,491.6600	0.0286	0.0274	1,500.7380
Regional Shopping Center	48.9298	0.5277	4.7970	4.0295	0.0288		0.3646	0.3646		0.3646	0.3646		5,756.4458	5,756.4458	0.1103	0.1055	5,791.4785
Retirement Community	47.0455	0.5074	4.3356	1.8449	0.0277		0.3505	0.3505		0.3505	0.3505		5,534.7623	5,534.7623	0.1061	0.1015	5,568.4459
Single Family Housing	400.369	4.3177	36.8968	15.7008	0.2355		2.9831	2.9831		2.9831	2.9831		47,102.2770	47,102.2770	0.9028	0.8635	47,388.9336
Strip Mall	30.1185	0.3248	2.9528	2.4804	0.0177		0.2244	0.2244		0.2244	0.2244		3,543.3515	3,543.3515	0.0679	0.0650	3,564.9157
Apartments Mid Rise	32.4507	0.3500	2.9906	1.2726	0.0191		0.2418	0.2418		0.2418	0.2418		3,817.7288	3,817.7288	0.0732	0.0700	3,840.9628
Total		6.7117	58.1929	30.5531	0.3661		4.6372	4.6372		4.6372	4.6372		73,218.7434	73,218.7434	1.4033	1.3423	73,664.3405

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	755.7026	113.7371	737.1104	0.0358		13.8117	13.8117		13.7659	13.7659	0.0000	171,759.8312	171,759.8312	4.1122	8.5936	174,510.1863
Unmitigated	755.7026	113.7371	737.1104	0.0358		13.8117	13.8117		13.7659	13.7659	0.0000	171,759.8312	171,759.8312	4.1122	8.5936	174,510.1863

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	177.1239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	543.8702					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	14.4442	105.9448	61.4652	0.0000		10.0537	10.0537		10.0080	10.0080	0.0000	170,538.6133	170,538.6133	2.9461	8.5936	173,264.4803
Landscaping	20.2643	7.7924	675.6452	0.0358		3.7580	3.7580		3.7580	3.7580		1,221.2179	1,221.2179	1.1661		1,245.7060
Total	755.7026	113.7372	737.1104	0.0358		13.8117	13.8117		13.7659	13.7659	0.0000	171,759.8312	171,759.8312	4.1122	8.5936	174,510.1863

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	177.1239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	543.8702					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	14.4442	105.9448	61.4652	0.0000		10.0537	10.0537		10.0080	10.0080	0.0000	170,538.6133	170,538.6133	2.9461	8.5936	173,264.4803
Landscaping	20.2643	7.7924	675.6452	0.0358		3.7580	3.7580		3.7580	3.7580		1,221,217.9	1,221,217.9	1.1661		1,245,706.0
Total	755.7026	113.7372	737.1104	0.0358		13.8117	13.8117		13.7659	13.7659	0.0000	171,759.8312	171,759.8312	4.1122	8.5936	174,510.1863

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

5. CalEEMod Area A Buildout Operational Assumptions – Land Uses/Energy, Transportation Adjusted Trip Rates and Lengths to Match Traffic Study

Land Use Designation	Land Use	Density (du/ac)	FAR	CalEEMod Land Use	Village 5 - Area A			
					Gross Acres	Net Acres	Units	ksf
Residential Rural	RR	0.5		Single Family Housing	0	0	0	
Country Estate	CE	2		Single Family Housing	50.1	48.1	96	
Residential Low Density	LDR	5		Single Family Housing	196.2		138	
Residential Medium Density	MDR	7		Single Family Housing	224.5	202	1,183	
Residential High Density	HDR	21		Apartments Mid-Rise	0	0	0	
Village Mixed Use	VMU	7.5	0.35	Apartments Mid-Rise	0	0	0	
				Strip Mall			0	
				Office			0	
Village Commercial	VC		0.35	Strip Mall	26.4	22.4		342.1
Commercial	COMM		0.25	Regional Shopping Center	79.5	69.1		751.9
Office/Commercial	OFF/COMM		0.3	General Office Building (60%)	0	0		0.0
				Strip Mall (40%)	0	0		0.0
Business and Professional	BP		0.25	Office Park	0	0		0.0
Elementary School	ES			Elementary School	12	11.9		650.0
Middle School	MS			Junior High School	0	0		0.0
High School	HS			High School	0	0		0.0
Public/Quasi-Public	PQP			Office Park	3.9			36.1
Park	PARK			City Park	24.9			
Linear Park	LP			City Park	14			
Ag/Preserve	OSA				0			
Open Space Preserve	OSP				0			
Natural Open Space	OSN				0			

CalEEMod Summary	Acres	Total		Students	Estimated Daily Trip Gen	Default Electricity	Electricity	Default Natural Gas	Natural Gas
		Units	KSF			(kWhr/size/yr)	2013 Title 24	(kBtu/size/yr)	2013 Title 24
Senior Adult Housing	199.0	1,000.0			2,832.0	301.15	225.86	18,960.80	14,220.60
Single Family Housing	470.8	1,417.0			10,722.0	729.62	547.22	26,218.01	19,663.51
Apartments Mid-Rise	0.0	0.0			0.0	322.48	241.86	8,261.25	6,195.94
Strip Mall	22.4			342.1	10,067.0	4.76	3.57	11.93	8.95
Regional Shopping	79.5			751.9	22,127.0	4.76	3.57	11.93	8.95
General Office	0.0			0.0	0.0	3.93	2.95	16.83	12.62
Office Park	3.9			36.1	273.0	3.66	2.75	11.48	8.61
Elementary School	12.0			650.0	547.0	2.3	1.73	9.52	7.14
Junior High	0.0			0.0	0.0	2.3	1.73	9.52	7.14
High School	0.0			0.0	0.0	2.3	1.73	9.52	7.14
City Park	38.9				72.0	0	0	0	0
TOTALS	826.5	2,417.0	1,130.1		46,640.0				

**Senior Housing

	Units	Acres
Low density	771	163.2571
Medium density	229	35.73371

Land Use	Size	Metric	Unadjusted				Adjusted						
			Unadjusted Daily Trips	Daily Trip Rate	Unadjusted Trip Length	Unadjusted Daily VMT	Unadjusted Annual VMT	Adjusted Daily Trips	Adjusted Trip Rate	Adjusted Trip Length	Adjusted Trip Length to Match	Adjusted Daily VMT	Adjusted Annual VMT
Senior Adult Housing	1,000.00	du	2,810	2.81	10.20	28,667.59	10,463,671	2,832	2.83	3.75	4.88	13,809.54	5,040,480.50
Single Family Housing	1,417.00	du	13,502	9.53	10.20	137,747.12	50,277,700	10,722	7.57	3.75	4.88	52,283.14	19,083,344.68
Apartments Mid-Rise	0.00	du	0	6.60	0.00	0.00	0	0	#DIV/0!	0.00	0.00	0.00	0.00
Strip Mall	342.10	1000sf	13,883	40.58	4.37	60,703.25	22,156,688	10,067	29.43	1.61	2.09	21,039.36	7,679,367.28
Regional Shopping	751.90	1000sf	31,140	41.42	4.97	154,685.38	56,460,165	22,127	29.43	1.82	2.37	52,534.85	19,175,220.72
General Office	0.00	1000sf	0	8.34	0.00	0.00	0	0	#DIV/0!	0.00	0.00	0.00	0.00
Office Park	36.10	1000sf	307	8.50	7.93	2,434.18	888,476	273	7.56	2.91	3.79	1,035.12	377,818.44
Elementary School	650.00	students	599	0.92	8.21	4,914.79	1,793,898	547	0.84	3.01	3.92	2,145.45	783,088.73
Junior High	0.00	students	0	1.16	0.00	0.00	0	0	#DIV/0!	0.00	0.00	0.00	0.00
High School	0.00	students	0	1.34	0.00	0.00	0	0	#DIV/0!	0.00	0.00	0.00	0.00
City Park	38.90	acres	62	1.59	6.76	417.91	152,537	72	1.27	2.48	3.23	232.52	84,871.51
Total			62,303		TOTALS	389,570.23	142,193,135	46,640		TOTALS		143,079.98	52,224,191.86

143,079.00
Existing+Project Delta

6. CalEEMod Model Area A Buildout Operational Results – Annual, Summer, Winter

Lincoln Village 5 - Area A Buildout Operations Adjusted Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	36.10	1000sqft	3.90	36,100.00	0
Elementary School	650.00	Student	12.00	54,342.19	0
City Park	38.90	Acre	38.90	1,694,484.00	0
Retirement Community	1,000.00	Dwelling Unit	199.00	1,000,000.00	2860
Single Family Housing	1,417.00	Dwelling Unit	470.80	2,550,600.00	4053
Regional Shopping Center	751.90	1000sqft	79.50	751,900.00	0
Strip Mall	342.10	1000sqft	22.40	342,100.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	488	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - Revised CO2 Intensity Factor per Quantification of Greenhouse Gas Emissions for Non-Transportation Activities (ENVIRON, November 2014)

Land Use - Buildout land uses and acreage based on Project Description. Population based on Specific Plan

Construction Phase - Modeling operations only

Off-road Equipment - The Plan construction duration condensed the default schedule. Multiplied default equipment # by 2 times.

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Grading - Modeling operations only

Architectural Coating -

Vehicle Trips - Adjusted trip rate and trip length

Woodstoves - Per PCAPCD guidance, only gas or propane fireplaces input. Left # no fireplaces as default

Consumer Products -

Area Coating - 100 g/L architectural coating emission factor assumed per PCAPCD guidance

Landscape Equipment -

Energy Use - Updated Title 24 electricity and natural gas energy intensity to match 2013 Title 24 standards (25% reduction versus 2008 standards)

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblEnergyUse	T24E	2.30	1.73
tblEnergyUse	T24E	3.66	2.75
tblEnergyUse	T24E	4.76	3.57
tblEnergyUse	T24E	301.15	225.86
tblEnergyUse	T24E	729.62	547.22
tblEnergyUse	T24E	4.76	3.57

tblEnergyUse	T24NG	9.52	7.14
tblEnergyUse	T24NG	11.48	8.61
tblEnergyUse	T24NG	11.93	8.95
tblEnergyUse	T24NG	18,960.80	14,220.60
tblEnergyUse	T24NG	26,218.01	19,663.51
tblEnergyUse	T24NG	11.93	8.95
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	550.00	0.00
tblFireplaces	NumberGas	779.35	1,275.30
tblFireplaces	NumberPropane	0.00	900.00
tblFireplaces	NumberPropane	0.00	1,275.30
tblFireplaces	NumberWood	350.00	0.00
tblFireplaces	NumberWood	495.95	0.00
tblLandUse	LotAcreage	0.83	3.90
tblLandUse	LotAcreage	1.25	12.00
tblLandUse	LotAcreage	200.00	199.00
tblLandUse	LotAcreage	460.06	470.80
tblLandUse	LotAcreage	17.26	79.50
tblLandUse	LotAcreage	7.85	22.40
tblProjectCharacteristics	CO2IntensityFactor	641.35	488
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	CC_TL	6.60	3.26
tblVehicleTrips	CC_TL	6.60	3.96
tblVehicleTrips	CC_TL	6.60	3.83
tblVehicleTrips	CC_TL	6.60	2.40
tblVehicleTrips	CC_TL	6.60	2.11

tblVehicleTrips	CNW_TL	6.60	3.26
tblVehicleTrips	CNW_TL	6.60	3.96
tblVehicleTrips	CNW_TL	6.60	3.83
tblVehicleTrips	CNW_TL	6.60	2.40
tblVehicleTrips	CNW_TL	6.60	2.11
tblVehicleTrips	CW_TL	14.70	3.26
tblVehicleTrips	CW_TL	14.70	3.96
tblVehicleTrips	CW_TL	14.70	3.83
tblVehicleTrips	CW_TL	14.70	2.40
tblVehicleTrips	CW_TL	14.70	2.11
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.90	4.92
tblVehicleTrips	HO_TL	7.90	4.92
tblVehicleTrips	HS_TL	7.10	4.92
tblVehicleTrips	HS_TL	7.10	4.92
tblVehicleTrips	HW_TL	16.80	4.92
tblVehicleTrips	HW_TL	16.80	4.92
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00

tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	82.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	1.59	1.27
tblVehicleTrips	ST_TR	1.64	7.56
tblVehicleTrips	ST_TR	49.97	29.43
tblVehicleTrips	ST_TR	2.81	2.83
tblVehicleTrips	ST_TR	10.08	7.57
tblVehicleTrips	ST_TR	42.04	29.43
tblVehicleTrips	SU_TR	1.59	1.27
tblVehicleTrips	SU_TR	0.76	7.56
tblVehicleTrips	SU_TR	25.24	29.43
tblVehicleTrips	SU_TR	2.81	2.83
tblVehicleTrips	SU_TR	8.77	7.57
tblVehicleTrips	SU_TR	20.43	29.43
tblVehicleTrips	WD_TR	1.59	1.27
tblVehicleTrips	WD_TR	1.29	0.84
tblVehicleTrips	WD_TR	11.42	7.56
tblVehicleTrips	WD_TR	42.94	29.43
tblVehicleTrips	WD_TR	2.81	2.83
tblVehicleTrips	WD_TR	9.57	7.57
tblVehicleTrips	WD_TR	44.32	29.43

tblWoodstoves	NumberCatalytic	50.00	0.00
tblWoodstoves	NumberCatalytic	70.85	0.00
tblWoodstoves	NumberNoncatalytic	50.00	0.00
tblWoodstoves	NumberNoncatalytic	70.85	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.6705	7.1417	5.4885	5.4300e-003	4.9066	0.3837	5.2903	2.6889	0.3530	3.0419	0.0000	506.2234	506.2234	0.1462	0.0000	509.2942
2017	0.6359	6.7388	5.2315	5.4200e-003	4.9065	0.3582	5.2647	2.6889	0.3296	3.0185	0.0000	495.9902	495.9902	0.1456	0.0000	499.0483
2018	0.0412	0.4340	0.3514	4.0000e-004	4.8800	0.0225	4.9025	2.6818	0.0207	2.7025	0.0000	35.6335	35.6335	0.0106	0.0000	35.8568
Total	1.3477	14.3145	11.0715	0.0113	14.6930	0.7644	15.4574	8.0597	0.7032	8.7629	0.0000	1,037.8471	1,037.8471	0.3025	0.0000	1,044.1993

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					
2016	0.6705	7.1417	5.4885	5.4300e-003	4.9066	0.3837	5.2903	2.6889	0.3530	3.0419	0.0000	506.2229	506.2229	0.1462	0.0000	509.2936
2017	0.6359	6.7388	5.2315	5.4200e-003	4.9065	0.3582	5.2647	2.6889	0.3296	3.0185	0.0000	495.9896	495.9896	0.1456	0.0000	499.0477
2018	0.0412	0.4340	0.3514	4.0000e-004	4.8800	0.0225	4.9025	2.6818	0.0207	2.7025	0.0000	35.6334	35.6334	0.0106	0.0000	35.8568
Total	1.3477	14.3145	11.0715	0.0113	14.6930	0.7644	15.4574	8.0597	0.7032	8.7629	0.0000	1,037.8459	1,037.8459	0.3025	0.0000	1,044.1981

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

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	34.3135	2.4873	19.2215	9.5000e-004		0.2925	0.2925		0.2918	0.2918	0.0000	3,023.4120	3,023.4120	0.0791	0.1617	3,075.1887
Energy	0.3470	2.9972	1.4970	0.0189		0.2397	0.2397		0.2397	0.2397	0.0000	9,783.5519	9,783.5519	0.4432	0.1410	9,836.5757
Mobile	12.3038	14.0988	84.9938	0.2867	19.2730	0.3297	19.6026	5.1635	0.3047	5.4682	0.0000	18,269.1434	18,269.1434	0.4714	0.0000	18,279.0422
Waste						0.0000	0.0000		0.0000	0.0000	654.3089	0.0000	654.3089	38.6686	0.0000	1,466.3484
Water						0.0000	0.0000		0.0000	0.0000	78.2045	452.7363	530.9408	8.0593	0.1952	760.7059
Total	46.9642	19.5833	105.7122	0.3066	19.2730	0.8619	20.1349	5.1635	0.8363	5.9997	732.5134	31,528.8435	32,261.3569	47.7214	0.4979	33,417.8609

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	34.3135	2.4873	19.2215	9.5000e-004		0.2925	0.2925		0.2918	0.2918	0.0000	3,023.4120	3,023.4120	0.0791	0.1617	3,075.1887
Energy	0.3470	2.9972	1.4970	0.0189		0.2397	0.2397		0.2397	0.2397	0.0000	9,783.5519	9,783.5519	0.4432	0.1410	9,836.5757
Mobile	12.3038	14.0988	84.9938	0.2867	19.2730	0.3297	19.6026	5.1635	0.3047	5.4682	0.0000	18,269.1434	18,269.1434	0.4714	0.0000	18,279.0422
Waste						0.0000	0.0000		0.0000	0.0000	654.3089	0.0000	654.3089	38.6686	0.0000	1,466.3484
Water						0.0000	0.0000		0.0000	0.0000	78.2045	452.7363	530.9408	8.0578	0.1949	760.5811
Total	46.9642	19.5833	105.7122	0.3066	19.2730	0.8619	20.1349	5.1635	0.8363	5.9997	732.5134	31,528.8435	32,261.3569	47.7199	0.4976	33,417.7361

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	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	1/1/2016	1/25/2018	5	540	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

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

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.8779	0.0000	4.8779	2.6813	0.0000	2.6813	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6626	7.1295	5.3642	5.1000e-003		0.3835	0.3835		0.3528	0.3528	0.0000	481.2463	481.2463	0.1452	0.0000	484.2946
Total	0.6626	7.1295	5.3642	5.1000e-003	4.8779	0.3835	5.2614	2.6813	0.3528	3.0341	0.0000	481.2463	481.2463	0.1452	0.0000	484.2946

3.2 Site Preparation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.9600e-003	0.0122	0.1243	3.3000e-004	0.0287	1.8000e-004	0.0289	7.6300e-003	1.6000e-004	7.8000e-003	0.0000	24.9772	24.9772	1.0700e-003	0.0000	24.9996
Total	7.9600e-003	0.0122	0.1243	3.3000e-004	0.0287	1.8000e-004	0.0289	7.6300e-003	1.6000e-004	7.8000e-003	0.0000	24.9772	24.9772	1.0700e-003	0.0000	24.9996

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.8779	0.0000	4.8779	2.6813	0.0000	2.6813	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6626	7.1295	5.3642	5.1000e-003		0.3835	0.3835		0.3528	0.3528	0.0000	481.2457	481.2457	0.1452	0.0000	484.2941
Total	0.6626	7.1295	5.3642	5.1000e-003	4.8779	0.3835	5.2614	2.6813	0.3528	3.0341	0.0000	481.2457	481.2457	0.1452	0.0000	484.2941

3.2 Site Preparation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.9600e-003	0.0122	0.1243	3.3000e-004	0.0287	1.8000e-004	0.0289	7.6300e-003	1.6000e-004	7.8000e-003	0.0000	24.9772	24.9772	1.0700e-003	0.0000	24.9996
Total	7.9600e-003	0.0122	0.1243	3.3000e-004	0.0287	1.8000e-004	0.0289	7.6300e-003	1.6000e-004	7.8000e-003	0.0000	24.9772	24.9772	1.0700e-003	0.0000	24.9996

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					4.8779	0.0000	4.8779	2.6813	0.0000	2.6813	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6290	6.7280	5.1216	5.0800e-003		0.3581	0.3581		0.3294	0.3294	0.0000	472.1000	472.1000	0.1447	0.0000	475.1377
Total	0.6290	6.7280	5.1216	5.0800e-003	4.8779	0.3581	5.2359	2.6813	0.3294	3.0107	0.0000	472.1000	472.1000	0.1447	0.0000	475.1377

3.2 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9500e-003	0.0108	0.1099	3.3000e-004	0.0286	1.7000e-004	0.0287	7.6000e-003	1.6000e-004	7.7600e-003	0.0000	23.8902	23.8902	9.7000e-004	0.0000	23.9106
Total	6.9500e-003	0.0108	0.1099	3.3000e-004	0.0286	1.7000e-004	0.0287	7.6000e-003	1.6000e-004	7.7600e-003	0.0000	23.8902	23.8902	9.7000e-004	0.0000	23.9106

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.8779	0.0000	4.8779	2.6813	0.0000	2.6813	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6290	6.7279	5.1216	5.0800e-003		0.3581	0.3581		0.3294	0.3294	0.0000	472.0994	472.0994	0.1447	0.0000	475.1371
Total	0.6290	6.7279	5.1216	5.0800e-003	4.8779	0.3581	5.2359	2.6813	0.3294	3.0107	0.0000	472.0994	472.0994	0.1447	0.0000	475.1371

3.2 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9500e-003	0.0108	0.1099	3.3000e-004	0.0286	1.7000e-004	0.0287	7.6000e-003	1.6000e-004	7.7600e-003	0.0000	23.8902	23.8902	9.7000e-004	0.0000	23.9106
Total	6.9500e-003	0.0108	0.1099	3.3000e-004	0.0286	1.7000e-004	0.0287	7.6000e-003	1.6000e-004	7.7600e-003	0.0000	23.8902	23.8902	9.7000e-004	0.0000	23.9106

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					4.8779	0.0000	4.8779	2.6813	0.0000	2.6813	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0408	0.4333	0.3442	3.7000e-004		0.0225	0.0225		0.0207	0.0207	0.0000	33.9540	33.9540	0.0106	0.0000	34.1760
Total	0.0408	0.4333	0.3442	3.7000e-004	4.8779	0.0225	4.9004	2.6813	0.0207	2.7020	0.0000	33.9540	33.9540	0.0106	0.0000	34.1760

3.2 Site Preparation - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5000e-004	7.1000e-004	7.2100e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.6795	1.6795	7.0000e-005	0.0000	1.6809
Total	4.5000e-004	7.1000e-004	7.2100e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.6795	1.6795	7.0000e-005	0.0000	1.6809

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.8779	0.0000	4.8779	2.6813	0.0000	2.6813	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0408	0.4333	0.3442	3.7000e-004		0.0225	0.0225		0.0207	0.0207	0.0000	33.9539	33.9539	0.0106	0.0000	34.1759
Total	0.0408	0.4333	0.3442	3.7000e-004	4.8779	0.0225	4.9004	2.6813	0.0207	2.7020	0.0000	33.9539	33.9539	0.0106	0.0000	34.1759

3.2 Site Preparation - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5000e-004	7.1000e-004	7.2100e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.6795	1.6795	7.0000e-005	0.0000	1.6809
Total	4.5000e-004	7.1000e-004	7.2100e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.6795	1.6795	7.0000e-005	0.0000	1.6809

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	12.3038	14.0988	84.9938	0.2867	19.2730	0.3297	19.6026	5.1635	0.3047	5.4682	0.0000	18,269.1434	18,269.1434	0.4714	0.0000	18,279.0422
Unmitigated	12.3038	14.0988	84.9938	0.2867	19.2730	0.3297	19.6026	5.1635	0.3047	5.4682	0.0000	18,269.1434	18,269.1434	0.4714	0.0000	18,279.0422

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	49.40	49.40	49.40	58,624	58,624
Elementary School	546.00	0.00	0.00	562,162	562,162
Office Park	272.92	272.92	272.92	380,478	380,478
Regional Shopping Center	22,128.42	22,128.42	22,128.42	19,331,385	19,331,385
Retirement Community	2,830.00	2,830.00	2,830.00	5,068,190	5,068,190
Single Family Housing	10,726.69	10,726.69	10,726.69	19,210,215	19,210,215
Strip Mall	10,068.00	10,068.00	10,068.00	7,732,629	7,732,629
Total	46,621.43	46,075.43	46,075.43	52,343,682	52,343,682

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
City Park	3.26	3.26	3.26	33.00	48.00	19.00	100	0	0
Elementary School	3.96	3.96	3.96	65.00	30.00	5.00	100	0	0
Office Park	3.83	3.83	3.83	33.00	48.00	19.00	100	0	0
Regional Shopping Center	2.40	2.40	2.40	16.30	64.70	19.00	100	0	0
Retirement Community	4.92	4.92	4.92	42.60	21.00	36.40	100	0	0
Single Family Housing	4.92	4.92	4.92	42.60	21.00	36.40	100	0	0
Strip Mall	2.11	2.11	2.11	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.464663	0.065213	0.188271	0.170001	0.059169	0.008390	0.013835	0.016041	0.001602	0.001225	0.007620	0.000492	0.003478

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures 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 Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	6,349.6058	6,349.6058	0.3773	0.0781	6,381.7311
NaturalGas Mitigated	0.3470	2.9972	1.4970	0.0189		0.2397	0.2397		0.2397	0.2397	0.0000	3,433.9461	3,433.9461	0.0658	0.0630	3,454.8445
NaturalGas Unmitigated	0.3470	2.9972	1.4970	0.0189		0.2397	0.2397		0.2397	0.2397	0.0000	3,433.9461	3,433.9461	0.0658	0.0630	3,454.8445
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	6,349.6058	6,349.6058	0.3773	0.0781	6,381.7311

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	410827	2.2200e-003	0.0201	0.0169	1.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	21.9233	21.9233	4.2000e-004	4.0000e-004	22.0567
Office Park	310821	1.6800e-003	0.0152	0.0128	9.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	16.5866	16.5866	3.2000e-004	3.0000e-004	16.6875
Regional Shopping Center	7.00019e+006	0.0378	0.3432	0.2882	2.0600e-003		0.0261	0.0261		0.0261	0.0261	0.0000	373.5567	373.5567	7.1600e-003	6.8500e-003	375.8302
Retirement Community	1.71716e+007	0.0926	0.7912	0.3367	5.0500e-003		0.0640	0.0640		0.0640	0.0640	0.0000	916.3420	916.3420	0.0176	0.0168	921.9187
Single Family Housing	3.62713e+007	0.1956	1.6713	0.7112	0.0107		0.1351	0.1351		0.1351	0.1351	0.0000	1,935.5764	1,935.5764	0.0371	0.0355	1,947.3560
Strip Mall	3.18495e+006	0.0172	0.1561	0.1312	9.4000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	169.9611	169.9611	3.2600e-003	3.1200e-003	170.9955
Total		0.3470	2.9972	1.4970	0.0189		0.2397	0.2397		0.2397	0.2397	0.0000	3,433.9461	3,433.9461	0.0658	0.0630	3,454.8445

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	410827	2.2200e-003	0.0201	0.0169	1.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	21.9233	21.9233	4.2000e-004	4.0000e-004	22.0567
Office Park	310821	1.6800e-003	0.0152	0.0128	9.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	16.5866	16.5866	3.2000e-004	3.0000e-004	16.6875
Regional Shopping Center	7.00019e+006	0.0378	0.3432	0.2882	2.0600e-003		0.0261	0.0261		0.0261	0.0261	0.0000	373.5567	373.5567	7.1600e-003	6.8500e-003	375.8302
Retirement Community	1.71716e+007	0.0926	0.7912	0.3367	5.0500e-003		0.0640	0.0640		0.0640	0.0640	0.0000	916.3420	916.3420	0.0176	0.0168	921.9187
Single Family Housing	3.62713e+007	0.1956	1.6713	0.7112	0.0107		0.1351	0.1351		0.1351	0.1351	0.0000	1,935.5764	1,935.5764	0.0371	0.0355	1,947.3560
Strip Mall	3.18495e+006	0.0172	0.1561	0.1312	9.4000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	169.9611	169.9611	3.2600e-003	3.1200e-003	170.9955
Total		0.3470	2.9972	1.4970	0.0189		0.2397	0.2397		0.2397	0.2397	0.0000	3,433.9461	3,433.9461	0.0658	0.0630	3,454.8445

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	317902	70.3685	4.1800e-003	8.7000e-004	70.7246
Office Park	387714	85.8217	5.1000e-003	1.0600e-003	86.2559
Regional Shopping Center	9.17318e+006	2,030.5116	0.1207	0.0250	2,040.7848
Retirement Community	4.35281e+006	963.5079	0.0573	0.0119	968.3827
Single Family Housing	1.02802e+007	2,275.5524	0.1352	0.0280	2,287.0654
Strip Mall	4.17362e+006	923.8436	0.0549	0.0114	928.5178
Total		6,349.6058	0.3773	0.0781	6,381.7311

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	317902	70.3685	4.1800e-003	8.7000e-004	70.7246
Office Park	387714	85.8217	5.1000e-003	1.0600e-003	86.2559
Regional Shopping Center	9.17318e+006	2,030.5116	0.1207	0.0250	2,040.7848
Retirement Community	4.35281e+006	963.5079	0.0573	0.0119	968.3827
Single Family Housing	1.02802e+007	2,275.5524	0.1352	0.0280	2,287.0654
Strip Mall	4.17362e+006	923.8436	0.0549	0.0114	928.5178
Total		6,349.6058	0.3773	0.0781	6,381.7311

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	34.3135	2.4873	19.2215	9.5000e-004		0.2925	0.2925		0.2918	0.2918	0.0000	3,023.4120	3,023.4120	0.0791	0.1617	3,075.1887
Unmitigated	34.3135	2.4873	19.2215	9.5000e-004		0.2925	0.2925		0.2918	0.2918	0.0000	3,023.4120	3,023.4120	0.0791	0.1617	3,075.1887

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	8.3898					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	25.1105					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2770	2.2809	1.3214	0.0000		0.1929	0.1929		0.1922	0.1922	0.0000	2,994.0642	2,994.0642	0.0511	0.1617	3,045.2531
Landscaping	0.5362	0.2065	17.9000	9.5000e-004		0.0996	0.0996		0.0996	0.0996	0.0000	29.3478	29.3478	0.0280	0.0000	29.9356
Total	34.3135	2.4873	19.2215	9.5000e-004		0.2925	0.2925		0.2918	0.2918	0.0000	3,023.4120	3,023.4120	0.0791	0.1617	3,075.1887

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	8.3898					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	25.1105					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2770	2.2809	1.3214	0.0000		0.1929	0.1929		0.1922	0.1922	0.0000	2,994.064 2	2,994.064 2	0.0511	0.1617	3,045.253 1
Landscaping	0.5362	0.2065	17.9000	9.5000e-004		0.0996	0.0996		0.0996	0.0996	0.0000	29.3478	29.3478	0.0280	0.0000	29.9356
Total	34.3135	2.4873	19.2215	9.5000e-004		0.2925	0.2925		0.2918	0.2918	0.0000	3,023.412 0	3,023.412 0	0.0791	0.1617	3,075.188 7

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	530.9408	8.0578	0.1949	760.5811
Unmitigated	530.9408	8.0593	0.1952	760.7059

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 46.3486	35.9079	2.1300e-003	4.4000e-004	36.0896
Elementary School	1.57576 / 4.05194	5.5265	0.0516	1.2700e-003	7.0060
Office Park	6.41619 / 3.9325	12.7672	0.2097	5.0700e-003	18.7423
Regional Shopping Center	55.6951 / 34.1357	110.8240	1.8204	0.0440	162.6908
Retirement Community	65.154 / 41.0754	130.5306	2.1296	0.0515	191.2106
Single Family Housing	92.3233 / 58.2038	184.9619	3.0176	0.0730	270.9454
Strip Mall	25.3402 / 15.5311	50.4228	0.8282	0.0200	74.0212
Total		530.9408	8.0593	0.1952	760.7059

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 46.3486	35.9079	2.1300e-003	4.4000e-004	36.0896
Elementary School	1.57576 / 4.05194	5.5265	0.0516	1.2700e-003	7.0052
Office Park	6.41619 / 3.9325	12.7672	0.2097	5.0600e-003	18.7391
Regional Shopping Center	55.6951 / 34.1357	110.8240	1.8200	0.0439	162.6626
Retirement Community	65.154 / 41.0754	130.5306	2.1292	0.0514	191.1776
Single Family Housing	92.3233 / 58.2038	184.9619	3.0171	0.0728	270.8987
Strip Mall	25.3402 / 15.5311	50.4228	0.8281	0.0200	74.0084
Total		530.9408	8.0578	0.1949	760.5811

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	654.3089	38.6686	0.0000	1,466.3484
Unmitigated	654.3089	38.6686	0.0000	1,466.3484

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	3.35	0.6800	0.0402	0.0000	1.5240
Elementary School	118.63	24.0808	1.4231	0.0000	53.9667
Office Park	33.57	6.8144	0.4027	0.0000	15.2715
Regional Shopping Center	789.5	160.2614	9.4712	0.0000	359.1561
Retirement Community	460	93.3758	5.5184	0.0000	209.2613
Single Family Housing	1459.08	296.1801	17.5037	0.0000	663.7586
Strip Mall	359.21	72.9164	4.3092	0.0000	163.4103
Total		654.3089	38.6686	0.0000	1,466.3484

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	3.35	0.6800	0.0402	0.0000	1.5240
Elementary School	118.63	24.0808	1.4231	0.0000	53.9667
Office Park	33.57	6.8144	0.4027	0.0000	15.2715
Regional Shopping Center	789.5	160.2614	9.4712	0.0000	359.1561
Retirement Community	460	93.3758	5.5184	0.0000	209.2613
Single Family Housing	1459.08	296.1801	17.5037	0.0000	663.7586
Strip Mall	359.21	72.9164	4.3092	0.0000	163.4103
Total		654.3089	38.6686	0.0000	1,466.3484

9.0 Operational Offroad

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

Lincoln Village 5 - Area A Buildout Operations Adjusted Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	36.10	1000sqft	3.90	36,100.00	0
Elementary School	650.00	Student	12.00	54,342.19	0
City Park	38.90	Acre	38.90	1,694,484.00	0
Retirement Community	1,000.00	Dwelling Unit	199.00	1,000,000.00	2860
Single Family Housing	1,417.00	Dwelling Unit	470.80	2,550,600.00	4053
Regional Shopping Center	751.90	1000sqft	79.50	751,900.00	0
Strip Mall	342.10	1000sqft	22.40	342,100.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	488	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - Revised CO2 Intensity Factor per Quantification of Greenhouse Gas Emissions for Non-Transportation Activities (ENVIRON, November 2014)

Land Use - Buildout land uses and acreage based on Project Description. Population based on Specific Plan

Construction Phase - Modeling operations only

Off-road Equipment - The Plan construction duration condensed the default schedule. Multiplied default equipment # by 2 times.

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Grading - Modeling operations only

Architectural Coating -

Vehicle Trips - Adjusted trip rate and trip length

Woodstoves - Per PCAPCD guidance, only gas or propane fireplaces input. Left # no fireplaces as default

Consumer Products -

Area Coating - 100 g/L architectural coating emission factor assumed per PCAPCD guidance

Landscape Equipment -

Energy Use - Updated Title 24 electricity and natural gas energy intensity to match 2013 Title 24 standards (25% reduction versus 2008 standards)

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblEnergyUse	T24E	2.30	1.73
tblEnergyUse	T24E	3.66	2.75
tblEnergyUse	T24E	4.76	3.57
tblEnergyUse	T24E	301.15	225.86
tblEnergyUse	T24E	729.62	547.22
tblEnergyUse	T24E	4.76	3.57

tblEnergyUse	T24NG	9.52	7.14
tblEnergyUse	T24NG	11.48	8.61
tblEnergyUse	T24NG	11.93	8.95
tblEnergyUse	T24NG	18,960.80	14,220.60
tblEnergyUse	T24NG	26,218.01	19,663.51
tblEnergyUse	T24NG	11.93	8.95
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	550.00	0.00
tblFireplaces	NumberGas	779.35	1,275.30
tblFireplaces	NumberPropane	0.00	900.00
tblFireplaces	NumberPropane	0.00	1,275.30
tblFireplaces	NumberWood	350.00	0.00
tblFireplaces	NumberWood	495.95	0.00
tblLandUse	LotAcreage	0.83	3.90
tblLandUse	LotAcreage	1.25	12.00
tblLandUse	LotAcreage	200.00	199.00
tblLandUse	LotAcreage	460.06	470.80
tblLandUse	LotAcreage	17.26	79.50
tblLandUse	LotAcreage	7.85	22.40
tblProjectCharacteristics	CO2IntensityFactor	641.35	488
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	CC_TL	6.60	3.26
tblVehicleTrips	CC_TL	6.60	3.96
tblVehicleTrips	CC_TL	6.60	3.83
tblVehicleTrips	CC_TL	6.60	2.40
tblVehicleTrips	CC_TL	6.60	2.11

tblVehicleTrips	CNW_TL	6.60	3.26
tblVehicleTrips	CNW_TL	6.60	3.96
tblVehicleTrips	CNW_TL	6.60	3.83
tblVehicleTrips	CNW_TL	6.60	2.40
tblVehicleTrips	CNW_TL	6.60	2.11
tblVehicleTrips	CW_TL	14.70	3.26
tblVehicleTrips	CW_TL	14.70	3.96
tblVehicleTrips	CW_TL	14.70	3.83
tblVehicleTrips	CW_TL	14.70	2.40
tblVehicleTrips	CW_TL	14.70	2.11
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.90	4.92
tblVehicleTrips	HO_TL	7.90	4.92
tblVehicleTrips	HS_TL	7.10	4.92
tblVehicleTrips	HS_TL	7.10	4.92
tblVehicleTrips	HW_TL	16.80	4.92
tblVehicleTrips	HW_TL	16.80	4.92
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00

tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	82.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	1.59	1.27
tblVehicleTrips	ST_TR	1.64	7.56
tblVehicleTrips	ST_TR	49.97	29.43
tblVehicleTrips	ST_TR	2.81	2.83
tblVehicleTrips	ST_TR	10.08	7.57
tblVehicleTrips	ST_TR	42.04	29.43
tblVehicleTrips	SU_TR	1.59	1.27
tblVehicleTrips	SU_TR	0.76	7.56
tblVehicleTrips	SU_TR	25.24	29.43
tblVehicleTrips	SU_TR	2.81	2.83
tblVehicleTrips	SU_TR	8.77	7.57
tblVehicleTrips	SU_TR	20.43	29.43
tblVehicleTrips	WD_TR	1.59	1.27
tblVehicleTrips	WD_TR	1.29	0.84
tblVehicleTrips	WD_TR	11.42	7.56
tblVehicleTrips	WD_TR	42.94	29.43
tblVehicleTrips	WD_TR	2.81	2.83
tblVehicleTrips	WD_TR	9.57	7.57
tblVehicleTrips	WD_TR	44.32	29.43

tblWoodstoves	NumberCatalytic	50.00	0.00
tblWoodstoves	NumberCatalytic	70.85	0.00
tblWoodstoves	NumberNoncatalytic	50.00	0.00
tblWoodstoves	NumberNoncatalytic	70.85	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	5.1506	54.7166	42.2465	0.0419	18.2962	2.9400	21.2362	9.9917	2.7048	12.6965	0.0000	4,299.769 9	4,299.769 9	1.2352	0.0000	4,325.708 0
2017	4.9032	51.8287	40.4154	0.0420	18.2962	2.7556	21.0517	9.9917	2.5351	12.5268	0.0000	4,228.518 1	4,228.518 1	1.2348	0.0000	4,254.448 3
2018	4.3501	45.6767	37.1531	0.0420	18.2962	2.3667	20.6629	9.9917	2.1774	12.1691	0.0000	4,156.657 8	4,156.657 8	1.2341	0.0000	4,182.574 3
Total	14.4039	152.2220	119.8150	0.1259	54.8885	8.0623	62.9508	29.9750	7.4173	37.3923	0.0000	12,684.94 57	12,684.94 57	3.7040	0.0000	12,762.73 07

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					
2016	5.1506	54.7166	42.2465	0.0419	18.2962	2.9400	21.2362	9.9917	2.7048	12.6965	0.0000	4,299.769 9	4,299.769 9	1.2352	0.0000	4,325.708 0
2017	4.9032	51.8287	40.4154	0.0420	18.2962	2.7556	21.0517	9.9917	2.5351	12.5268	0.0000	4,228.518 1	4,228.518 1	1.2348	0.0000	4,254.448 3
2018	4.3501	45.6767	37.1531	0.0420	18.2962	2.3667	20.6629	9.9917	2.1774	12.1691	0.0000	4,156.657 8	4,156.657 8	1.2341	0.0000	4,182.574 3
Total	14.4039	152.2220	119.8150	0.1259	54.8885	8.0623	62.9508	29.9750	7.4173	37.3923	0.0000	12,684.94 57	12,684.94 57	3.7040	0.0000	12,762.73 06

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	196.2763	57.9249	231.1190	0.0105		5.8124	5.8124		5.7944	5.7944	0.0000	80,856.78 56	80,856.78 56	1.7163	4.3465	82,240.23 27
Energy	1.9013	16.4231	8.2028	0.1037		1.3136	1.3136		1.3136	1.3136		20,741.24 72	20,741.24 72	0.3975	0.3803	20,867.47 50
Mobile	80.3201	73.0062	457.2339	1.7178	111.1893	1.8164	113.0057	29.6803	1.6791	31.3595		119,925.7 619	119,925.7 619	2.8665		119,985.9 592
Total	278.4977	147.3541	696.5556	1.8321	111.1893	8.9424	120.1317	29.6803	8.7871	38.4674	0.0000	221,523.7 947	221,523.7 947	4.9804	4.7267	223,093.6 669

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	196.2763	57.9249	231.1190	0.0105		5.8124	5.8124		5.7944	5.7944	0.0000	80,856.78 56	80,856.78 56	1.7163	4.3465	82,240.23 27
Energy	1.9013	16.4231	8.2028	0.1037		1.3136	1.3136		1.3136	1.3136		20,741.24 72	20,741.24 72	0.3975	0.3803	20,867.47 50
Mobile	80.3201	73.0062	457.2339	1.7178	111.1893	1.8164	113.0057	29.6803	1.6791	31.3595		119,925.7 619	119,925.7 619	2.8665		119,985.9 592
Total	278.4977	147.3541	696.5556	1.8321	111.1893	8.9424	120.1317	29.6803	8.7871	38.4674	0.0000	221,523.7 947	221,523.7 947	4.9804	4.7267	223,093.6 669

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2016	1/25/2018	5	540	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

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

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036		4,065.0053	4,065.0053	1.2262		4,090.7544
Total	5.0771	54.6323	41.1053	0.0391	18.0663	2.9387	21.0049	9.9307	2.7036	12.6343		4,065.0053	4,065.0053	1.2262		4,090.7544

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0735	0.0843	1.1412	2.8600e-003	0.2299	1.3700e-003	0.2313	0.0610	1.2500e-003	0.0622		234.7646	234.7646	9.0000e-003		234.9536
Total	0.0735	0.0843	1.1412	2.8600e-003	0.2299	1.3700e-003	0.2313	0.0610	1.2500e-003	0.0622		234.7646	234.7646	9.0000e-003		234.9536

3.2 Site Preparation - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036	0.0000	4,065.005 3	4,065.005 3	1.2262		4,090.754 4
Total	5.0771	54.6323	41.1053	0.0391	18.0663	2.9387	21.0049	9.9307	2.7036	12.6343	0.0000	4,065.005 3	4,065.005 3	1.2262		4,090.754 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0735	0.0843	1.1412	2.8600e-003	0.2299	1.3700e-003	0.2313	0.0610	1.2500e-003	0.0622		234.7646	234.7646	9.0000e-003		234.9536
Total	0.0735	0.0843	1.1412	2.8600e-003	0.2299	1.3700e-003	0.2313	0.0610	1.2500e-003	0.0622		234.7646	234.7646	9.0000e-003		234.9536

3.2 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339		4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646		4,003.0859	4,003.0859	1.2265		4,028.8432

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0650	0.0753	1.0184	2.8500e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		225.4322	225.4322	8.2400e-003		225.6051
Total	0.0650	0.0753	1.0184	2.8500e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		225.4322	225.4322	8.2400e-003		225.6051

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0650	0.0753	1.0184	2.8500e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		225.4322	225.4322	8.2400e-003		225.6051
Total	0.0650	0.0753	1.0184	2.8500e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		225.4322	225.4322	8.2400e-003		225.6051

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762		3,939.773 1	3,939.773 1	1.2265		3,965.529 7
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069		3,939.773 1	3,939.773 1	1.2265		3,965.529 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0580	0.0679	0.9186	2.8500e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2200e-003	0.0622		216.8847	216.8847	7.6100e-003		217.0445
Total	0.0580	0.0679	0.9186	2.8500e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2200e-003	0.0622		216.8847	216.8847	7.6100e-003		217.0445

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			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762	0.0000	3,939.773 1	3,939.773 1	1.2265		3,965.529 7
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069	0.0000	3,939.773 1	3,939.773 1	1.2265		3,965.529 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0580	0.0679	0.9186	2.8500e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2200e-003	0.0622		216.8847	216.8847	7.6100e-003		217.0445
Total	0.0580	0.0679	0.9186	2.8500e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2200e-003	0.0622		216.8847	216.8847	7.6100e-003		217.0445

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	80.3201	73.0062	457.2339	1.7178	111.1893	1.8164	113.0057	29.6803	1.6791	31.3595		119,925.7619	119,925.7619	2.8665		119,985.9592
Unmitigated	80.3201	73.0062	457.2339	1.7178	111.1893	1.8164	113.0057	29.6803	1.6791	31.3595		119,925.7619	119,925.7619	2.8665		119,985.9592

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	49.40	49.40	49.40	58,624	58,624
Elementary School	546.00	0.00	0.00	562,162	562,162
Office Park	272.92	272.92	272.92	380,478	380,478
Regional Shopping Center	22,128.42	22,128.42	22,128.42	19,331,385	19,331,385
Retirement Community	2,830.00	2,830.00	2,830.00	5,068,190	5,068,190
Single Family Housing	10,726.69	10,726.69	10,726.69	19,210,215	19,210,215
Strip Mall	10,068.00	10,068.00	10,068.00	7,732,629	7,732,629
Total	46,621.43	46,075.43	46,075.43	52,343,682	52,343,682

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
City Park	3.26	3.26	3.26	33.00	48.00	19.00	100	0	0
Elementary School	3.96	3.96	3.96	65.00	30.00	5.00	100	0	0
Office Park	3.83	3.83	3.83	33.00	48.00	19.00	100	0	0
Regional Shopping Center	2.40	2.40	2.40	16.30	64.70	19.00	100	0	0
Retirement Community	4.92	4.92	4.92	42.60	21.00	36.40	100	0	0
Single Family Housing	4.92	4.92	4.92	42.60	21.00	36.40	100	0	0
Strip Mall	2.11	2.11	2.11	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.464663	0.065213	0.188271	0.170001	0.059169	0.008390	0.013835	0.016041	0.001602	0.001225	0.007620	0.000492	0.003478

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures 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	1.9013	16.4231	8.2028	0.1037		1.3136	1.3136		1.3136	1.3136		20,741.2472	20,741.2472	0.3975	0.3803	20,867.4750
NaturalGas Unmitigated	1.9013	16.4231	8.2028	0.1037		1.3136	1.3136		1.3136	1.3136		20,741.2472	20,741.2472	0.3975	0.3803	20,867.4750

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						
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	1125.55	0.0121	0.1104	0.0927	6.6000e-004		8.3900e-003	8.3900e-003		8.3900e-003	8.3900e-003		132.4180	132.4180	2.5400e-003	2.4300e-003		133.2239
Office Park	851.564	9.1800e-003	0.0835	0.0701	5.0000e-004		6.3400e-003	6.3400e-003		6.3400e-003	6.3400e-003		100.1841	100.1841	1.9200e-003	1.8400e-003		100.7938
Regional Shopping Center	19178.6	0.2068	1.8803	1.5794	0.0113		0.1429	0.1429		0.1429	0.1429		2,256.3059	2,256.3059	0.0433	0.0414		2,270.0374
Retirement Community	47045.5	0.5074	4.3356	1.8449	0.0277		0.3505	0.3505		0.3505	0.3505		5,534.7623	5,534.7623	0.1061	0.1015		5,568.4459
Single Family Housing	99373.5	1.0717	9.1580	3.8970	0.0585		0.7404	0.7404		0.7404	0.7404		11,691.0013	11,691.0013	0.2241	0.2143		11,762.1508
Strip Mall	8725.89	0.0941	0.8555	0.7186	5.1300e-003		0.0650	0.0650		0.0650	0.0650		1,026.5757	1,026.5757	0.0197	0.0188		1,032.8232
Total		1.9013	16.4231	8.2028	0.1037		1.3136	1.3136		1.3136	1.3136		20,741.2472	20,741.2472	0.3976	0.3803		20,867.4750

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					
Elementary School	1.12555	0.0121	0.1104	0.0927	6.6000e-004		8.3900e-003	8.3900e-003		8.3900e-003	8.3900e-003		132.4180	132.4180	2.5400e-003	2.4300e-003	133.2239
Office Park	0.851564	9.1800e-003	0.0835	0.0701	5.0000e-004		6.3400e-003	6.3400e-003		6.3400e-003	6.3400e-003		100.1841	100.1841	1.9200e-003	1.8400e-003	100.7938
Regional Shopping Center	19.1786	0.2068	1.8803	1.5794	0.0113		0.1429	0.1429		0.1429	0.1429		2,256.3059	2,256.3059	0.0433	0.0414	2,270.0374
Retirement Community	47.0455	0.5074	4.3356	1.8449	0.0277		0.3505	0.3505		0.3505	0.3505		5,534.7623	5,534.7623	0.1061	0.1015	5,568.4459
Single Family Housing	99.3735	1.0717	9.1580	3.8970	0.0585		0.7404	0.7404		0.7404	0.7404		11,691.0013	11,691.0013	0.2241	0.2143	11,762.1508
Strip Mall	8.72589	0.0941	0.8555	0.7186	5.1300e-003		0.0650	0.0650		0.0650	0.0650		1,026.5757	1,026.5757	0.0197	0.0188	1,032.8232
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		1.9013	16.4231	8.2028	0.1037		1.3136	1.3136		1.3136	1.3136		20,741.2472	20,741.2472	0.3976	0.3803	20,867.4750

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	196.2763	57.9249	231.1190	0.0105		5.8124	5.8124		5.7944	5.7944	0.0000	80,856.78 56	80,856.78 56	1.7163	4.3465	82,240.23 27
Unmitigated	196.2763	57.9249	231.1190	0.0105		5.8124	5.8124		5.7944	5.7944	0.0000	80,856.78 56	80,856.78 56	1.7163	4.3465	82,240.23 27

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	45.9715					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	137.5919					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6.7549	55.6307	32.2296	0.0000		4.7059	4.7059		4.6879	4.6879	0.0000	80,497.33 66	80,497.33 66	1.3735	4.3465	81,873.58 44
Landscaping	5.9581	2.2941	198.8893	0.0105		1.1065	1.1065		1.1065	1.1065		359.4490	359.4490	0.3428		366.6483
Total	196.2763	57.9249	231.1189	0.0105		5.8124	5.8124		5.7944	5.7944	0.0000	80,856.78 56	80,856.78 56	1.7163	4.3465	82,240.23 27

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	45.9715					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	137.5919					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6.7549	55.6307	32.2296	0.0000		4.7059	4.7059		4.6879	4.6879	0.0000	80,497.3366	80,497.3366	1.3735	4.3465	81,873.5844
Landscaping	5.9581	2.2941	198.8893	0.0105		1.1065	1.1065		1.1065	1.1065		359.4490	359.4490	0.3428		366.6483
Total	196.2763	57.9249	231.1189	0.0105		5.8124	5.8124		5.7944	5.7944	0.0000	80,856.7856	80,856.7856	1.7163	4.3465	82,240.2327

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Lincoln Village 5 - Area A Buildout Operations Adjusted Placer-Sacramento County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	36.10	1000sqft	3.90	36,100.00	0
Elementary School	650.00	Student	12.00	54,342.19	0
City Park	38.90	Acre	38.90	1,694,484.00	0
Retirement Community	1,000.00	Dwelling Unit	199.00	1,000,000.00	2860
Single Family Housing	1,417.00	Dwelling Unit	470.80	2,550,600.00	4053
Regional Shopping Center	751.90	1000sqft	79.50	751,900.00	0
Strip Mall	342.10	1000sqft	22.40	342,100.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	488	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - Revised CO2 Intensity Factor per Quantification of Greenhouse Gas Emissions for Non-Transportation Activities (ENVIRON, November 2014)

Land Use - Buildout land uses and acreage based on Project Description. Population based on Specific Plan

Construction Phase - Modeling operations only

Off-road Equipment - The Plan construction duration condensed the default schedule. Multiplied default equipment # by 2 times.

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Grading - Modeling operations only

Architectural Coating -

Vehicle Trips - Adjusted trip rate and trip length

Woodstoves - Per PCAPCD guidance, only gas or propane fireplaces input. Left # no fireplaces as default

Consumer Products -

Area Coating - 100 g/L architectural coating emission factor assumed per PCAPCD guidance

Landscape Equipment -

Energy Use - Updated Title 24 electricity and natural gas energy intensity to match 2013 Title 24 standards (25% reduction versus 2008 standards)

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblEnergyUse	T24E	2.30	1.73
tblEnergyUse	T24E	3.66	2.75
tblEnergyUse	T24E	4.76	3.57
tblEnergyUse	T24E	301.15	225.86
tblEnergyUse	T24E	729.62	547.22
tblEnergyUse	T24E	4.76	3.57

tblEnergyUse	T24NG	9.52	7.14
tblEnergyUse	T24NG	11.48	8.61
tblEnergyUse	T24NG	11.93	8.95
tblEnergyUse	T24NG	18,960.80	14,220.60
tblEnergyUse	T24NG	26,218.01	19,663.51
tblEnergyUse	T24NG	11.93	8.95
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	550.00	0.00
tblFireplaces	NumberGas	779.35	1,275.30
tblFireplaces	NumberPropane	0.00	900.00
tblFireplaces	NumberPropane	0.00	1,275.30
tblFireplaces	NumberWood	350.00	0.00
tblFireplaces	NumberWood	495.95	0.00
tblLandUse	LotAcreage	0.83	3.90
tblLandUse	LotAcreage	1.25	12.00
tblLandUse	LotAcreage	200.00	199.00
tblLandUse	LotAcreage	460.06	470.80
tblLandUse	LotAcreage	17.26	79.50
tblLandUse	LotAcreage	7.85	22.40
tblProjectCharacteristics	CO2IntensityFactor	641.35	488
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	CC_TL	6.60	3.26
tblVehicleTrips	CC_TL	6.60	3.96
tblVehicleTrips	CC_TL	6.60	3.83
tblVehicleTrips	CC_TL	6.60	2.40
tblVehicleTrips	CC_TL	6.60	2.11

tblVehicleTrips	CNW_TL	6.60	3.26
tblVehicleTrips	CNW_TL	6.60	3.96
tblVehicleTrips	CNW_TL	6.60	3.83
tblVehicleTrips	CNW_TL	6.60	2.40
tblVehicleTrips	CNW_TL	6.60	2.11
tblVehicleTrips	CW_TL	14.70	3.26
tblVehicleTrips	CW_TL	14.70	3.96
tblVehicleTrips	CW_TL	14.70	3.83
tblVehicleTrips	CW_TL	14.70	2.40
tblVehicleTrips	CW_TL	14.70	2.11
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.90	4.92
tblVehicleTrips	HO_TL	7.90	4.92
tblVehicleTrips	HS_TL	7.10	4.92
tblVehicleTrips	HS_TL	7.10	4.92
tblVehicleTrips	HW_TL	16.80	4.92
tblVehicleTrips	HW_TL	16.80	4.92
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00

tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	82.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	1.59	1.27
tblVehicleTrips	ST_TR	1.64	7.56
tblVehicleTrips	ST_TR	49.97	29.43
tblVehicleTrips	ST_TR	2.81	2.83
tblVehicleTrips	ST_TR	10.08	7.57
tblVehicleTrips	ST_TR	42.04	29.43
tblVehicleTrips	SU_TR	1.59	1.27
tblVehicleTrips	SU_TR	0.76	7.56
tblVehicleTrips	SU_TR	25.24	29.43
tblVehicleTrips	SU_TR	2.81	2.83
tblVehicleTrips	SU_TR	8.77	7.57
tblVehicleTrips	SU_TR	20.43	29.43
tblVehicleTrips	WD_TR	1.59	1.27
tblVehicleTrips	WD_TR	1.29	0.84
tblVehicleTrips	WD_TR	11.42	7.56
tblVehicleTrips	WD_TR	42.94	29.43
tblVehicleTrips	WD_TR	2.81	2.83
tblVehicleTrips	WD_TR	9.57	7.57
tblVehicleTrips	WD_TR	44.32	29.43

tblWoodstoves	NumberCatalytic	50.00	0.00
tblWoodstoves	NumberCatalytic	70.85	0.00
tblWoodstoves	NumberNoncatalytic	50.00	0.00
tblWoodstoves	NumberNoncatalytic	70.85	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	5.1404	54.7360	42.0654	0.0416	18.2962	2.9400	21.2362	9.9917	2.7048	12.6965	0.0000	4,269.611 2	4,269.611 2	1.2352	0.0000	4,295.549 4
2017	4.8934	51.8459	40.2444	0.0416	18.2962	2.7556	21.0517	9.9917	2.5351	12.5268	0.0000	4,199.534 8	4,199.534 8	1.2348	0.0000	4,225.465 1
2018	4.3408	45.6921	36.9907	0.0416	18.2962	2.3667	20.6629	9.9917	2.1774	12.1691	0.0000	4,128.755 8	4,128.755 8	1.2341	0.0000	4,154.672 3
Total	14.3747	152.2740	119.3006	0.1248	54.8885	8.0623	62.9508	29.9750	7.4173	37.3923	0.0000	12,597.90 18	12,597.90 18	3.7040	0.0000	12,675.68 67

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					
2016	5.1404	54.7360	42.0654	0.0416	18.2962	2.9400	21.2362	9.9917	2.7048	12.6965	0.0000	4,269.611 2	4,269.611 2	1.2352	0.0000	4,295.549 4
2017	4.8934	51.8459	40.2444	0.0416	18.2962	2.7556	21.0517	9.9917	2.5351	12.5268	0.0000	4,199.534 8	4,199.534 8	1.2348	0.0000	4,225.465 1
2018	4.3408	45.6921	36.9907	0.0416	18.2962	2.3667	20.6629	9.9917	2.1774	12.1691	0.0000	4,128.755 8	4,128.755 8	1.2341	0.0000	4,154.672 3
Total	14.3747	152.2740	119.3006	0.1248	54.8885	8.0623	62.9508	29.9750	7.4173	37.3923	0.0000	12,597.90 18	12,597.90 18	3.7040	0.0000	12,675.68 67

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	196.2763	57.9249	231.1190	0.0105		5.8124	5.8124		5.7944	5.7944	0.0000	80,856.78 56	80,856.78 56	1.7163	4.3465	82,240.23 27
Energy	1.9013	16.4231	8.2028	0.1037		1.3136	1.3136		1.3136	1.3136		20,741.24 72	20,741.24 72	0.3975	0.3803	20,867.47 50
Mobile	70.1080	81.6441	542.6581	1.5477	111.1893	1.8267	113.0160	29.6803	1.6886	31.3689		108,806.6 554	108,806.6 554	2.8752		108,867.0 353
Total	268.2856	155.9920	781.9799	1.6619	111.1893	8.9527	120.1419	29.6803	8.7966	38.4769	0.0000	210,404.6 882	210,404.6 882	4.9891	4.7267	211,974.7 430

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	196.2763	57.9249	231.1190	0.0105		5.8124	5.8124		5.7944	5.7944	0.0000	80,856.78 56	80,856.78 56	1.7163	4.3465	82,240.23 27
Energy	1.9013	16.4231	8.2028	0.1037		1.3136	1.3136		1.3136	1.3136		20,741.24 72	20,741.24 72	0.3975	0.3803	20,867.47 50
Mobile	70.1080	81.6441	542.6581	1.5477	111.1893	1.8267	113.0160	29.6803	1.6886	31.3689		108,806.6 554	108,806.6 554	2.8752		108,867.0 353
Total	268.2856	155.9920	781.9799	1.6619	111.1893	8.9527	120.1419	29.6803	8.7966	38.4769	0.0000	210,404.6 882	210,404.6 882	4.9891	4.7267	211,974.7 430

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2016	1/25/2018	5	540	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

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

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036		4,065.0053	4,065.0053	1.2262		4,090.7544
Total	5.0771	54.6323	41.1053	0.0391	18.0663	2.9387	21.0049	9.9307	2.7036	12.6343		4,065.0053	4,065.0053	1.2262		4,090.7544

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0634	0.1037	0.9602	2.4900e-003	0.2299	1.3700e-003	0.2313	0.0610	1.2500e-003	0.0622		204.6059	204.6059	9.0000e-003		204.7950
Total	0.0634	0.1037	0.9602	2.4900e-003	0.2299	1.3700e-003	0.2313	0.0610	1.2500e-003	0.0622		204.6059	204.6059	9.0000e-003		204.7950

3.2 Site Preparation - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036	0.0000	4,065.0053	4,065.0053	1.2262		4,090.7544
Total	5.0771	54.6323	41.1053	0.0391	18.0663	2.9387	21.0049	9.9307	2.7036	12.6343	0.0000	4,065.0053	4,065.0053	1.2262		4,090.7544

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0634	0.1037	0.9602	2.4900e-003	0.2299	1.3700e-003	0.2313	0.0610	1.2500e-003	0.0622		204.6059	204.6059	9.0000e-003		204.7950
Total	0.0634	0.1037	0.9602	2.4900e-003	0.2299	1.3700e-003	0.2313	0.0610	1.2500e-003	0.0622		204.6059	204.6059	9.0000e-003		204.7950

3.2 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339		4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646		4,003.0859	4,003.0859	1.2265		4,028.8432

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0552	0.0925	0.8474	2.4800e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		196.4489	196.4489	8.2400e-003		196.6219
Total	0.0552	0.0925	0.8474	2.4800e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		196.4489	196.4489	8.2400e-003		196.6219

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0552	0.0925	0.8474	2.4800e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		196.4489	196.4489	8.2400e-003		196.6219
Total	0.0552	0.0925	0.8474	2.4800e-003	0.2299	1.3300e-003	0.2313	0.0610	1.2300e-003	0.0622		196.4489	196.4489	8.2400e-003		196.6219

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762		3,939.773 1	3,939.773 1	1.2265		3,965.529 7
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069		3,939.773 1	3,939.773 1	1.2265		3,965.529 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0487	0.0833	0.7562	2.4800e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2200e-003	0.0622		188.9826	188.9826	7.6100e-003		189.1425
Total	0.0487	0.0833	0.7562	2.4800e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2200e-003	0.0622		188.9826	188.9826	7.6100e-003		189.1425

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			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762	0.0000	3,939.773 1	3,939.773 1	1.2265		3,965.529 7
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069	0.0000	3,939.773 1	3,939.773 1	1.2265		3,965.529 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0487	0.0833	0.7562	2.4800e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2200e-003	0.0622		188.9826	188.9826	7.6100e-003		189.1425
Total	0.0487	0.0833	0.7562	2.4800e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2200e-003	0.0622		188.9826	188.9826	7.6100e-003		189.1425

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	70.1080	81.6441	542.6581	1.5477	111.1893	1.8267	113.0160	29.6803	1.6886	31.3689		108,806.6554	108,806.6554	2.8752		108,867.0353
Unmitigated	70.1080	81.6441	542.6581	1.5477	111.1893	1.8267	113.0160	29.6803	1.6886	31.3689		108,806.6554	108,806.6554	2.8752		108,867.0353

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	49.40	49.40	49.40	58,624	58,624
Elementary School	546.00	0.00	0.00	562,162	562,162
Office Park	272.92	272.92	272.92	380,478	380,478
Regional Shopping Center	22,128.42	22,128.42	22,128.42	19,331,385	19,331,385
Retirement Community	2,830.00	2,830.00	2,830.00	5,068,190	5,068,190
Single Family Housing	10,726.69	10,726.69	10,726.69	19,210,215	19,210,215
Strip Mall	10,068.00	10,068.00	10,068.00	7,732,629	7,732,629
Total	46,621.43	46,075.43	46,075.43	52,343,682	52,343,682

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
City Park	3.26	3.26	3.26	33.00	48.00	19.00	100	0	0
Elementary School	3.96	3.96	3.96	65.00	30.00	5.00	100	0	0
Office Park	3.83	3.83	3.83	33.00	48.00	19.00	100	0	0
Regional Shopping Center	2.40	2.40	2.40	16.30	64.70	19.00	100	0	0
Retirement Community	4.92	4.92	4.92	42.60	21.00	36.40	100	0	0
Single Family Housing	4.92	4.92	4.92	42.60	21.00	36.40	100	0	0
Strip Mall	2.11	2.11	2.11	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.464663	0.065213	0.188271	0.170001	0.059169	0.008390	0.013835	0.016041	0.001602	0.001225	0.007620	0.000492	0.003478

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	1.9013	16.4231	8.2028	0.1037		1.3136	1.3136		1.3136	1.3136		20,741.2472	20,741.2472	0.3975	0.3803	20,867.4750
NaturalGas Unmitigated	1.9013	16.4231	8.2028	0.1037		1.3136	1.3136		1.3136	1.3136		20,741.2472	20,741.2472	0.3975	0.3803	20,867.4750

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	1125.55	0.0121	0.1104	0.0927	6.6000e-004		8.3900e-003	8.3900e-003		8.3900e-003	8.3900e-003		132.4180	132.4180	2.5400e-003	2.4300e-003	133.2239
Office Park	851.564	9.1800e-003	0.0835	0.0701	5.0000e-004		6.3400e-003	6.3400e-003		6.3400e-003	6.3400e-003		100.1841	100.1841	1.9200e-003	1.8400e-003	100.7938
Regional Shopping Center	19178.6	0.2068	1.8803	1.5794	0.0113		0.1429	0.1429		0.1429	0.1429		2,256.3059	2,256.3059	0.0433	0.0414	2,270.0374
Retirement Community	47045.5	0.5074	4.3356	1.8449	0.0277		0.3505	0.3505		0.3505	0.3505		5,534.7623	5,534.7623	0.1061	0.1015	5,568.4459
Single Family Housing	99373.5	1.0717	9.1580	3.8970	0.0585		0.7404	0.7404		0.7404	0.7404		11,691.0013	11,691.0013	0.2241	0.2143	11,762.1508
Strip Mall	8725.89	0.0941	0.8555	0.7186	5.1300e-003		0.0650	0.0650		0.0650	0.0650		1,026.5757	1,026.5757	0.0197	0.0188	1,032.8232
Total		1.9013	16.4231	8.2028	0.1037		1.3136	1.3136		1.3136	1.3136		20,741.2472	20,741.2472	0.3976	0.3803	20,867.4750

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					
Elementary School	1.12555	0.0121	0.1104	0.0927	6.6000e-004		8.3900e-003	8.3900e-003		8.3900e-003	8.3900e-003		132.4180	132.4180	2.5400e-003	2.4300e-003	133.2239
Office Park	0.851564	9.1800e-003	0.0835	0.0701	5.0000e-004		6.3400e-003	6.3400e-003		6.3400e-003	6.3400e-003		100.1841	100.1841	1.9200e-003	1.8400e-003	100.7938
Regional Shopping Center	19.1786	0.2068	1.8803	1.5794	0.0113		0.1429	0.1429		0.1429	0.1429		2,256.3059	2,256.3059	0.0433	0.0414	2,270.0374
Retirement Community	47.0455	0.5074	4.3356	1.8449	0.0277		0.3505	0.3505		0.3505	0.3505		5,534.7623	5,534.7623	0.1061	0.1015	5,568.4459
Single Family Housing	99.3735	1.0717	9.1580	3.8970	0.0585		0.7404	0.7404		0.7404	0.7404		11,691.0013	11,691.0013	0.2241	0.2143	11,762.1508
Strip Mall	8.72589	0.0941	0.8555	0.7186	5.1300e-003		0.0650	0.0650		0.0650	0.0650		1,026.5757	1,026.5757	0.0197	0.0188	1,032.8232
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		1.9013	16.4231	8.2028	0.1037		1.3136	1.3136		1.3136	1.3136		20,741.2472	20,741.2472	0.3976	0.3803	20,867.4750

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	196.2763	57.9249	231.1190	0.0105		5.8124	5.8124		5.7944	5.7944	0.0000	80,856.78 56	80,856.78 56	1.7163	4.3465	82,240.23 27
Unmitigated	196.2763	57.9249	231.1190	0.0105		5.8124	5.8124		5.7944	5.7944	0.0000	80,856.78 56	80,856.78 56	1.7163	4.3465	82,240.23 27

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	45.9715					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	137.5919					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6.7549	55.6307	32.2296	0.0000		4.7059	4.7059		4.6879	4.6879	0.0000	80,497.33 66	80,497.33 66	1.3735	4.3465	81,873.58 44
Landscaping	5.9581	2.2941	198.8893	0.0105		1.1065	1.1065		1.1065	1.1065		359.4490	359.4490	0.3428		366.6483
Total	196.2763	57.9249	231.1189	0.0105		5.8124	5.8124		5.7944	5.7944	0.0000	80,856.78 56	80,856.78 56	1.7163	4.3465	82,240.23 27

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	45.9715					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	137.5919					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6.7549	55.6307	32.2296	0.0000		4.7059	4.7059		4.6879	4.6879	0.0000	80,497.3366	80,497.3366	1.3735	4.3465	81,873.5844
Landscaping	5.9581	2.2941	198.8893	0.0105		1.1065	1.1065		1.1065	1.1065		359.4490	359.4490	0.3428		366.6483
Total	196.2763	57.9249	231.1189	0.0105		5.8124	5.8124		5.7944	5.7944	0.0000	80,856.7856	80,856.7856	1.7163	4.3465	82,240.2327

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

7. CALINE-4 Output

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: C:\Lakes\CALRoads View\Lincoln V5 CO Hot
 RUN: CALINE4 RUN (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.3 PPM
 SIGTH= 5. DEGREES TEMP= 44.0 DEGREE (C)

II. LINK VARIABLES

LINK	* LINK COORDINATES (M) *				EF	H	W
DESCRIPTION	X1	Y1	X2	Y2	* TYPE	VPH	(G/MI) (M) (M)
A. Link_1	*	*	*	*	AG	6410	1.4 0.0 38.0
B. Link_2	*	*	*	*	AG	7270	1.4 0.0 38.0
C. Link_3	*	*	*	*	AG	6820	1.4 0.0 42.0
D. Link_4	*	*	*	*	AG	11920	1.4 0.0 42.0
E. Link_5	*	*	*	*	AG	4890	1.4 0.0 44.0
F. Link_6	*	*	*	*	AG	12130	1.4 0.0 44.0
G. Link_7	*	*	*	*	AG	7080	1.4 0.0 39.0
H. Link_8	*	*	*	*	AG	7520	1.4 0.0 39.0

III. RECEPTOR LOCATIONS

* COORDINATES (M)			
RECEPTOR	X	Y	Z
1. R_001	* 642633	*****	1.8
2. R_002	* 642683	*****	1.8
3. R_003	* 642681	*****	1.8
4. R_004	* 642632	*****	1.8
5. R_005	* 644160	*****	1.8
6. R_006	* 644207	*****	1.8
7. R_007	* 644205	*****	1.8
8. R_008	* 644158	*****	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: C:\Lakes\CALRoads View\Lincoln V5 CO Hot
 RUN: CALINE4 RUN (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG * (DEG)	* PRED * * CONC * (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. R_001	* 105. *	* 4.1 *	0.1	0.7	0.4	0.7	0.0	0.0	0.0	0.0
2. R_002	* 256. *	* 4.6 *	0.5	0.7	0.4	0.6	0.0	0.0	0.0	0.0
3. R_003	* 279. *	* 4.4 *	0.6	0.8	0.0	0.7	0.0	0.0	0.0	0.0
4. R_004	* 16. *	* 4.5 *	0.4	0.4	0.4	0.9	0.0	0.0	0.0	0.0
5. R_005	* 109. *	* 4.1 *	0.0	0.0	0.0	0.0	0.1	0.8	0.4	0.4
6. R_006	* 256. *	* 4.5 *	0.0	0.0	0.0	0.0	0.4	0.9	0.4	0.4
7. R_007	* 347. *	* 4.2 *	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.7
8. R_008	* 16. *	* 4.4 *	0.0	0.0	0.0	0.0	0.3	0.6	0.5	0.7

1
 EXIT

8. SR 65 On-Road Emission Calculations

Lincoln V5 -- Highway 65 On-Road Emission Calculations

EMFAC2014 Emission Rates

Region Type: County

Region: Placer

Calendar Year: 2042

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	PM10_RUNEX (gms/mile)	# Trucks/Day
Placer (SV)		2042 Annual	MDV	DSL	Aggregatec	55	0.000729116	550
Placer (SV)		2042 Annual	LHD1	DSL	Aggregatec	55	0.006525277	308.5
Placer (SV)		2042 Annual	LHD2	DSL	Aggregatec	55	0.005538108	308.5
Placer (SV)		2042 Annual	T6 Public	DSL	Aggregatec	55	0.002229844	509
Placer (SV)		2042 Annual	T7 Public	DSL	Aggregatec	55	0.007187545	2016

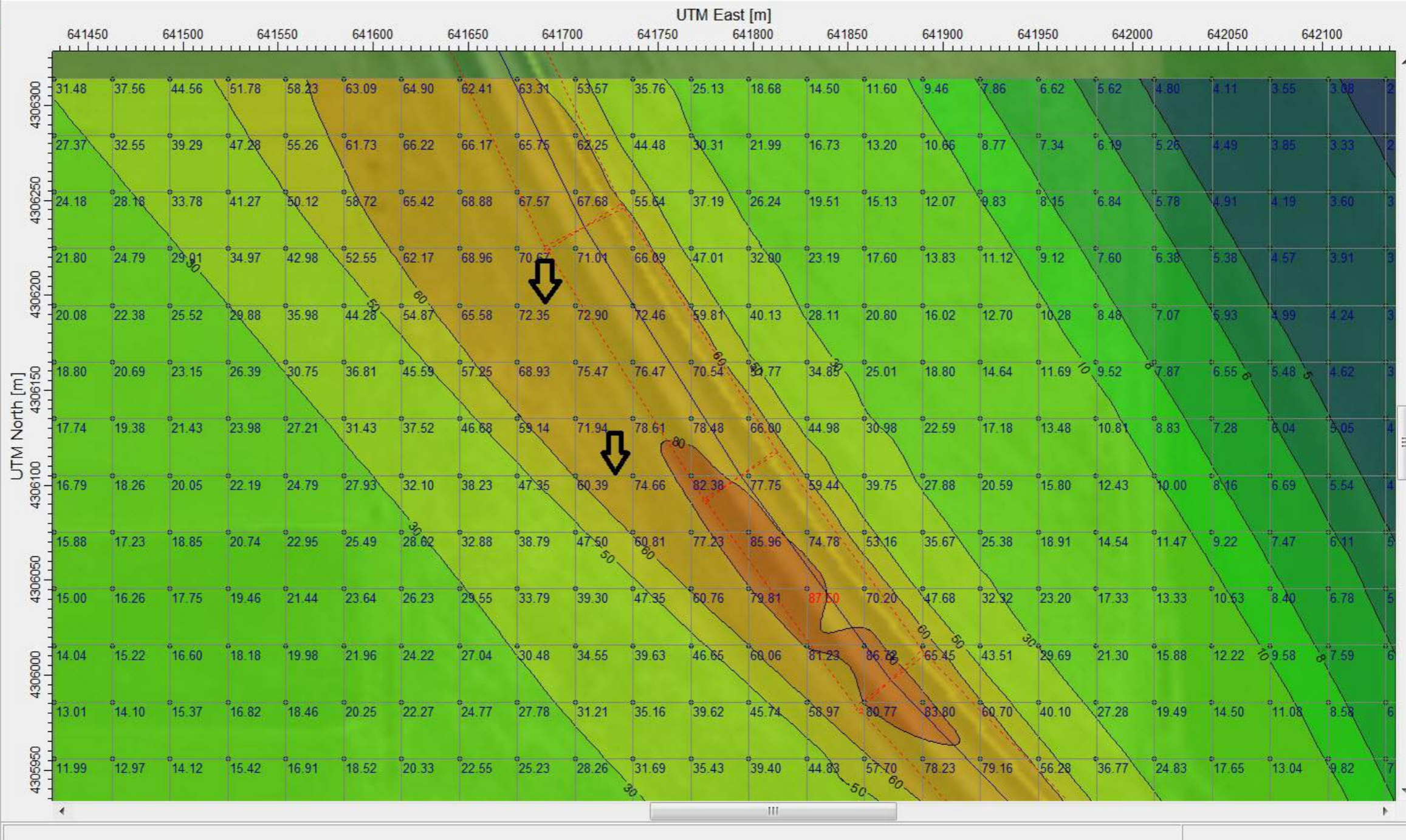
Emission Rate (g/s) = Emission Factor (g/mi) x Miles/Trip x Trips/Day x 1 Day/86400 Seconds

SR65 North of Nelson Lane - Year 2042

	Miles/Trip	Trips/Day	Miles/Day	Emission Rate (g/s)
MDV	0.68	550	375.00	3.16457E-06
LHD1	0.68	308.5	210.34	1.58858E-05
LHD2	0.68	308.5	210.34	1.34825E-05
T6 Public	0.68	509	347.05	8.95668E-06
T7 Public	0.68	2016	1374.55	0.000114347
			TOTAL PM10	0.000155837
				Emission Rate

9. 1-Gram Per Second Emission Rate Annual Concentration Plot

- ISCST3 (Elevated)
 - Sources (1)
 - Receptors (1 - 924)
 - Buildings (0)



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL
 Max: 87.5 [ug/m³] at (641828.31, 4306045.50)

10. SR 65 Health Risk Calculations

Lincoln Village 5 SR65 Health Risk

Pollutant	Distance in Feet	1g/s Rate
	Receptor to Edge of SR65	Concentration
DPM	0	8.24E+01
	100	7.47E+01
	200	6.04E+01
	300	4.74E+01
	400	3.82E+01
	500	3.21E+01
	600	2.79E+01
	700	2.48E+01
	800	2.22E+01
	900	2.01E+01
	1000	1.83E+01

Actual Emission Rate = 0.000155837

Pollutant	Distance in Feet Receptor to Edge of SR65	Adjusted Concentration	Cancer Potency Factor (slope	3rd Tri-Birth	Cancer Risk (in a million)				Chronic REL	Chronic HI
					0 to 2	2 to 16	16 to 70	Total		
DPM	0	1.28E-02	1.10E+00	1.86E-07	3.74E-06	4.54E-06	2.31E-06	1.08E-05	5	0.000256757
	100	1.16E-02	1.10E+00	1.68E-07	3.39E-06	4.12E-06	2.09E-06	9.77E-06	5	0.000232696
	200	9.41E-03	1.10E+00	1.36E-07	2.74E-06	3.33E-06	1.69E-06	7.90E-06	5	0.00018822
	300	7.38E-03	1.10E+00	1.07E-07	2.15E-06	2.61E-06	1.33E-06	6.19E-06	5	0.000147578
	400	5.96E-03	1.10E+00	8.62E-08	1.73E-06	2.11E-06	1.07E-06	5.00E-06	5	0.000119153
	500	5.00E-03	1.10E+00	7.24E-08	1.46E-06	1.77E-06	8.99E-07	4.20E-06	5	0.000100047
	600	4.35E-03	1.10E+00	6.30E-08	1.27E-06	1.54E-06	7.82E-07	3.65E-06	5	8.70505E-05
	700	3.86E-03	1.10E+00	5.59E-08	1.12E-06	1.37E-06	6.94E-07	3.24E-06	5	7.72639E-05
	800	3.46E-03	1.10E+00	5.00E-08	1.01E-06	1.22E-06	6.21E-07	2.90E-06	5	6.91604E-05
	900	3.12E-03	1.10E+00	4.52E-08	9.10E-07	1.11E-06	5.61E-07	2.62E-06	5	6.24906E-05
	1000	2.85E-03	1.10E+00	4.12E-08	8.29E-07	1.01E-06	5.11E-07	2.39E-06	5	5.69116E-05

Cancer Risk Inputs

Age Category	Daily Breathing	Inhalation	days/year	years	Days in 70 Years	Child Risk Factor	Fraction of Time at Home	
	Rate	Absorption Rate						
3rd tri - birth	361	1	365	0.3	1.00E-06	25550	10	0.85
0 to 2	1090	1	365	2	1.00E-06	25550	10	0.85
2 to 16	745	1	365	14	1.00E-06	25550	3	0.72
16 to 70	290	1	365	54	1.00E-06	25550	1	0.73

