

SCLA Specific Plan - Phase One - Construction Only - San Bernardino-Mojave Desert County, Annual

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San Bernardino-Mojave Desert County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	169.00	1000sqft	8.03	169,000.00	0
General Light Industry	22.54	1000sqft	1.07	22,540.00	0
Manufacturing	147.89	1000sqft	7.02	147,890.00	0
Unrefrigerated Warehouse-No Rail	2,264.04	1000sqft	107.52	2,264,040.00	0
Fast Food Restaurant w/o Drive Thru	2.70	1000sqft	0.13	2,700.00	0
High Turnover (Sit Down Restaurant)	6.00	1000sqft	0.28	6,000.00	0
Convenience Market With Gas Pumps	20.00	Pump	0.95	2,823.50	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2030
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	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 - Phase 1 Construction buildout on 125 acres.

Construction Phase - Construction would be complete in 5 years (2030) for Phase One.

Grading - Balanced Cut & Fill.

Architectural Coating - MDAQMD Rule 1113

Vehicle Trips - Construction Emissions Only. Separate Operation Run has been done.

Area Coating - Construction Emissions Only. Separate Operation Run has been done.

Energy Use - Construction Emissions Only. Separate Operation Run has been done.

Water And Wastewater - Construction Emissions Only. Separate Operation Run has been done.

Solid Waste - Construction Emissions Only. Separate Operation Run has been done.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Area Mitigation - MDAQMD Rule 1113, 50g/L VOC limit.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	0
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblAreaCoating	Area_Nonresidential_Exterior	1307497	0
tblAreaCoating	Area_Nonresidential_Interior	3922490	0
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	0	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	230.00

tblConstructionPhase	NumDays	3,100.00	450.00
tblConstructionPhase	NumDays	310.00	280.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	6.62	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	6.62	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	12.38	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	12.38	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	0.37	0.00

tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	77.67	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	77.67	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	2.00	0.00
tblGrading	AcresOfGrading	700.00	775.00
tblGrading	MaterialExported	0.00	743,750.00
tblGrading	MaterialImported	0.00	743,750.00
tblLandUse	LotAcreage	3.88	8.03
tblLandUse	LotAcreage	0.52	1.07
tblLandUse	LotAcreage	3.40	7.02
tblLandUse	LotAcreage	51.98	107.52
tblLandUse	LotAcreage	0.06	0.13
tblLandUse	LotAcreage	0.14	0.28
tblLandUse	LotAcreage	0.06	0.95
tblSolidWaste	SolidWasteGenerationRate	31.10	0.00
tblSolidWaste	SolidWasteGenerationRate	209.56	0.00
tblSolidWaste	SolidWasteGenerationRate	27.95	0.00
tblSolidWaste	SolidWasteGenerationRate	71.40	0.00
tblSolidWaste	SolidWasteGenerationRate	183.38	0.00
tblSolidWaste	SolidWasteGenerationRate	2,128.20	0.00
tblVehicleTrips	ST_TR	204.47	0.00
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	ST_TR	1.50	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	1.68	0.00

tblVehicleTrips	SU_TR	166.88	0.00
tblVehicleTrips	SU_TR	500.00	0.00
tblVehicleTrips	SU_TR	1.50	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	542.60	0.00
tblVehicleTrips	WD_TR	716.00	0.00
tblVehicleTrips	WD_TR	1.50	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	209,143.58	0.00
tblWater	IndoorWaterUseRate	819,541.02	0.00
tblWater	IndoorWaterUseRate	39,081,250.00	0.00
tblWater	IndoorWaterUseRate	5,212,375.00	0.00
tblWater	IndoorWaterUseRate	1,821,202.27	0.00
tblWater	IndoorWaterUseRate	34,199,562.50	0.00
tblWater	IndoorWaterUseRate	523,559,250.00	0.00
tblWater	OutdoorWaterUseRate	128,184.78	0.00
tblWater	OutdoorWaterUseRate	52,311.13	0.00
tblWater	OutdoorWaterUseRate	116,246.95	0.00

2.0 Emissions Summary

2.1 Overall Construction Unmitigated Construction

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2025	3-31-2025	0.8934	0.8934
2	4-1-2025	6-30-2025	1.1371	1.1371
3	7-1-2025	9-30-2025	2.5683	2.5683
4	10-1-2025	12-31-2025	2.5626	2.5626
5	1-1-2026	3-31-2026	2.4859	2.4859
6	4-1-2026	6-30-2026	2.5195	2.5195
7	7-1-2026	9-30-2026	1.7966	1.7966
8	10-1-2026	12-31-2026	1.6313	1.6313
9	1-1-2027	3-31-2027	1.5786	1.5786
10	4-1-2027	6-30-2027	1.6057	1.6057
11	7-1-2027	9-30-2027	1.6233	1.6233
12	10-1-2027	12-31-2027	1.6137	1.6137
13	1-1-2028	3-31-2028	1.5807	1.5807
14	4-1-2028	6-30-2028	0.3527	0.3527
15	7-1-2028	9-30-2028	0.3140	0.3140
16	10-1-2028	12-31-2028	0.3140	0.3140
17	1-1-2029	3-31-2029	1.1800	1.1800
18	4-1-2029	6-30-2029	1.7813	1.7813
19	7-1-2029	9-30-2029	1.8009	1.8009
		Highest	2.5683	2.5683

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	10.2151	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0470	0.0470	1.2000e-004	0.0000	0.0501

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	10.2151	2.2000e-004	0.0241	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0470	0.0470	1.2000e-004	0.0000	0.0501

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	10.2151	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0470	0.0470	1.2000e-004	0.0000	0.0501
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	10.2151	2.2000e-004	0.0241	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0470	0.0470	1.2000e-004	0.0000	0.0501

	ROG	NOx	CO	SO2	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	1/1/2025	6/17/2025	5	120	
2	Grading	Grading	6/18/2025	7/14/2026	5	280	
3	Building Construction	Building Construction	7/14/2026	4/3/2028	5	450	
4	Paving	Paving	4/4/2028	2/5/2029	5	220	
5	Architectural Coating	Architectural Coating	2/6/2029	12/24/2029	5	230	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,922,490; Non-Residential Outdoor: 1,307,497; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading		8	20.00	0.00	92,969.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction		9	1,098.00	429.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving		6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating		1	220.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					1.0840	0.0000	1.0840	0.5958	0.0000	0.5958	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1484	1.5140	1.0747	2.2900e-003		0.0652	0.0652		0.0600	0.0600	0.0000	200.8019	200.8019	0.0649	0.0000	202.4255
Total	0.1484	1.5140	1.0747	2.2900e-003	1.0840	0.0652	1.1492	0.5958	0.0600	0.6558	0.0000	200.8019	200.8019	0.0649	0.0000	202.4255

Unmitigated Construction Off-Site

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0700e-003	1.9000e-003	0.0214	7.0000e-005	8.7000e-003	5.0000e-005	8.7600e-003	2.3100e-003	5.0000e-005	2.3600e-003	0.0000	6.2727	6.2727	1.4000e-004	0.0000	6.2761
Total	3.0700e-003	1.9000e-003	0.0214	7.0000e-005	8.7000e-003	5.0000e-005	8.7600e-003	2.3100e-003	5.0000e-005	2.3600e-003	0.0000	6.2727	6.2727	1.4000e-004	0.0000	6.2761

3.3 Grading - 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					
Fugitive Dust					0.9400	0.0000	0.9400	0.2936	0.0000	0.2936	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2045	1.9700	1.8563	4.3800e-003		0.0797	0.0797		0.0734	0.0734	0.0000	384.2688	384.2688	0.1243	0.0000	387.3758
Total	0.2045	1.9700	1.8563	4.3800e-003	0.9400	0.0797	1.0197	0.2936	0.0734	0.3669	0.0000	384.2688	384.2688	0.1243	0.0000	387.3758

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0924	3.2838	0.7447	0.0170	0.7012	5.7000e-003	0.7069	0.1839	5.4600e-003	0.1893	0.0000	1,641.7858	1,641.7858	0.0803	0.0000	1,643.7924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0100e-003	2.4800e-003	0.0279	9.0000e-005	0.0114	7.0000e-005	0.0114	3.0200e-003	6.0000e-005	3.0800e-003	0.0000	8.1893	8.1893	1.8000e-004	0.0000	8.1938
Total	0.0965	3.2863	0.7726	0.0171	0.7126	5.7700e-003	0.7184	0.1869	5.5200e-003	0.1924	0.0000	1,649.9751	1,649.9751	0.0805	0.0000	1,651.9863

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3666	0.0000	0.3666	0.1145	0.0000	0.1145	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2045	1.9700	1.8563	4.3800e-003		0.0797	0.0797		0.0734	0.0734	0.0000	384.2683	384.2683	0.1243	0.0000	387.3753
Total	0.2045	1.9700	1.8563	4.3800e-003	0.3666	0.0797	0.4463	0.1145	0.0734	0.1878	0.0000	384.2683	384.2683	0.1243	0.0000	387.3753

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0924	3.2838	0.7447	0.0170	0.7012	5.7000e-003	0.7069	0.1839	5.4600e-003	0.1893	0.0000	1,641.7858	1,641.7858	0.0803	0.0000	1,643.7924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0100e-003	2.4800e-003	0.0279	9.0000e-005	0.0114	7.0000e-005	0.0114	3.0200e-003	6.0000e-005	3.0800e-003	0.0000	8.1893	8.1893	1.8000e-004	0.0000	8.1938
Total	0.0965	3.2863	0.7726	0.0171	0.7126	5.7700e-003	0.7184	0.1869	5.5200e-003	0.1924	0.0000	1,649.9751	1,649.9751	0.0805	0.0000	1,651.9863

3.3 Grading - 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
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Category	tons/yr										MT/yr					
Fugitive Dust					0.9340	0.0000	0.9340	0.2903	0.0000	0.2903	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2016	1.9420	1.8300	4.3100e-003		0.0786	0.0786		0.0723	0.0723	0.0000	378.8182	378.8182	0.1225	0.0000	381.8811
Total	0.2016	1.9420	1.8300	4.3100e-003	0.9340	0.0786	1.0126	0.2903	0.0723	0.3626	0.0000	378.8182	378.8182	0.1225	0.0000	381.8811

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0905	3.1919	0.7332	0.0167	0.6998	5.5400e-003	0.7053	0.1834	5.3000e-003	0.1887	0.0000	1,610.0520	1,610.0520	0.0790	0.0000	1,612.0260
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7400e-003	2.2300e-003	0.0256	9.0000e-005	0.0112	7.0000e-005	0.0113	2.9800e-003	6.0000e-005	3.0400e-003	0.0000	7.7804	7.7804	1.6000e-004	0.0000	7.7845
Total	0.0943	3.1941	0.7587	0.0168	0.7110	5.6100e-003	0.7166	0.1863	5.3600e-003	0.1917	0.0000	1,617.8324	1,617.8324	0.0791	0.0000	1,619.8105

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3643	0.0000	0.3643	0.1132	0.0000	0.1132	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2016	1.9420	1.8300	4.3100e-003		0.0786	0.0786		0.0723	0.0723	0.0000	378.8177	378.8177	0.1225	0.0000	381.8807

Total	0.2016	1.9420	1.8300	4.3100e-003	0.3643	0.0786	0.4429	0.1132	0.0723	0.1855	0.0000	378.8177	378.8177	0.1225	0.0000	381.8807
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0905	3.1919	0.7332	0.0167	0.6998	5.5400e-003	0.7053	0.1834	5.3000e-003	0.1887	0.0000	1,610.0520	1,610.0520	0.0790	0.0000	1,612.0260
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7400e-003	2.2300e-003	0.0256	9.0000e-005	0.0112	7.0000e-005	0.0113	2.9800e-003	6.0000e-005	3.0400e-003	0.0000	7.7804	7.7804	1.6000e-004	0.0000	7.7845
Total	0.0943	3.1941	0.7587	0.0168	0.7110	5.6100e-003	0.7166	0.1863	5.3600e-003	0.1917	0.0000	1,617.8324	1,617.8324	0.0791	0.0000	1,619.8105

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	0.0841	0.7669	0.9892	1.6600e-003		0.0324	0.0324		0.0305	0.0305	0.0000	142.6305	142.6305	0.0335	0.0000	143.4687
Total	0.0841	0.7669	0.9892	1.6600e-003		0.0324	0.0324		0.0305	0.0305	0.0000	142.6305	142.6305	0.0335	0.0000	143.4687

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0473	1.8791	0.3818	6.9400e-003	0.1759	1.8700e-003	0.1778	0.0508	1.7800e-003	0.0526	0.0000	664.8083	664.8083	0.0350	0.0000	665.6828
Worker	0.1818	0.1085	1.2415	4.1800e-003	0.5442	3.2500e-003	0.5474	0.1445	2.9900e-003	0.1475	0.0000	377.9783	377.9783	7.8400e-003	0.0000	378.1743
Total	0.2291	1.9876	1.6233	0.0111	0.7201	5.1200e-003	0.7252	0.1953	4.7700e-003	0.2001	0.0000	1,042.7866	1,042.7866	0.0428	0.0000	1,043.8571

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0841	0.7669	0.9892	1.6600e-003		0.0324	0.0324		0.0305	0.0305	0.0000	142.6303	142.6303	0.0335	0.0000	143.4685
Total	0.0841	0.7669	0.9892	1.6600e-003		0.0324	0.0324		0.0305	0.0305	0.0000	142.6303	142.6303	0.0335	0.0000	143.4685

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0473	1.8791	0.3818	6.9400e-003	0.1759	1.8700e-003	0.1778	0.0508	1.7800e-003	0.0526	0.0000	664.8083	664.8083	0.0350	0.0000	665.6828
Worker	0.1818	0.1085	1.2415	4.1800e-003	0.5442	3.2500e-003	0.5474	0.1445	2.9900e-003	0.1475	0.0000	377.9783	377.9783	7.8400e-003	0.0000	378.1743
Total	0.2291	1.9876	1.6233	0.0111	0.7201	5.1200e-003	0.7252	0.1953	4.7700e-003	0.2001	0.0000	1,042.7866	1,042.7866	0.0428	0.0000	1,043.8571

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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0985	3.9599	0.7884	0.0146	0.3733	3.9000e-003	0.3772	0.1077	3.7300e-003	0.1115	0.0000	1,404.1414	1,404.1414	0.0736	0.0000	1,405.9807
Worker	0.3649	0.2109	2.4540	8.5700e-003	1.1547	6.5400e-003	1.1612	0.3067	6.0100e-003	0.3127	0.0000	775.4151	775.4151	0.0151	0.0000	775.7937
Total	0.4634	4.1708	3.2424	0.0232	1.5280	0.0104	1.5384	0.4144	9.7400e-003	0.4242	0.0000	2,179.5565	2,179.5565	0.0887	0.0000	2,181.7744

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0985	3.9599	0.7884	0.0146	0.3733	3.9000e-003	0.3772	0.1077	3.7300e-003	0.1115	0.0000	1,404.1414	1,404.1414	0.0736	0.0000	1,405.9807
Worker	0.3649	0.2109	2.4540	8.5700e-003	1.1547	6.5400e-003	1.1612	0.3067	6.0100e-003	0.3127	0.0000	775.4151	775.4151	0.0151	0.0000	775.7937
Total	0.4634	4.1708	3.2424	0.0232	1.5280	0.0104	1.5384	0.4144	9.7400e-003	0.4242	0.0000	2,179.5565	2,179.5565	0.0887	0.0000	2,181.7744

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	0.0451	0.4115	0.5308	8.9000e-004		0.0174	0.0174		0.0164	0.0164	0.0000	76.5334	76.5334	0.0180	0.0000	76.9832
Total	0.0451	0.4115	0.5308	8.9000e-004		0.0174	0.0174		0.0164	0.0164	0.0000	76.5334	76.5334	0.0180	0.0000	76.9832

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0245	0.9959	0.1951	3.6900e-003	0.0944	9.8000e-004	0.0954	0.0272	9.3000e-004	0.0282	0.0000	353.6670	353.6670	0.0184	0.0000	354.1273
Worker	0.0869	0.0489	0.5806	2.1000e-003	0.2920	1.5300e-003	0.2935	0.0776	1.4100e-003	0.0790	0.0000	190.1675	190.1675	3.5000e-003	0.0000	190.2551
Total	0.1114	1.0449	0.7757	5.7900e-003	0.3864	2.5100e-003	0.3889	0.1048	2.3400e-003	0.1072	0.0000	543.8345	543.8345	0.0219	0.0000	544.3825

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0451	0.4115	0.5308	8.9000e-004		0.0174	0.0174		0.0164	0.0164	0.0000	76.5333	76.5333	0.0180	0.0000	76.9831

Total	0.0451	0.4115	0.5308	8.9000e-004		0.0174	0.0174		0.0164	0.0164	0.0000	76.5333	76.5333	0.0180	0.0000	76.9831
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0245	0.9959	0.1951	3.6900e-003	0.0944	9.8000e-004	0.0954	0.0272	9.3000e-004	0.0282	0.0000	353.6670	353.6670	0.0184	0.0000	354.1273
Worker	0.0869	0.0489	0.5806	2.1000e-003	0.2920	1.5300e-003	0.2935	0.0776	1.4100e-003	0.0790	0.0000	190.1675	190.1675	3.5000e-003	0.0000	190.2551
Total	0.1114	1.0449	0.7757	5.7900e-003	0.3864	2.5100e-003	0.3889	0.1048	2.3400e-003	0.1072	0.0000	543.8345	543.8345	0.0219	0.0000	544.3825

3.5 Paving - 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	0.0888	0.8324	1.4141	2.2100e-003		0.0406	0.0406		0.0374	0.0374	0.0000	194.1868	194.1868	0.0628	0.0000	195.7569
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0888	0.8324	1.4141	2.2100e-003		0.0406	0.0406		0.0374	0.0374	0.0000	194.1868	194.1868	0.0628	0.0000	195.7569

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4900e-003	1.9700e-003	0.0233	8.0000e-005	0.0117	6.0000e-005	0.0118	3.1100e-003	6.0000e-005	3.1700e-003	0.0000	7.6363	7.6363	1.4000e-004	0.0000	7.6398
Total	3.4900e-003	1.9700e-003	0.0233	8.0000e-005	0.0117	6.0000e-005	0.0118	3.1100e-003	6.0000e-005	3.1700e-003	0.0000	7.6363	7.6363	1.4000e-004	0.0000	7.6398

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0888	0.8324	1.4141	2.2100e-003		0.0406	0.0406		0.0374	0.0374	0.0000	194.1865	194.1865	0.0628	0.0000	195.7566
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0888	0.8324	1.4141	2.2100e-003		0.0406	0.0406		0.0374	0.0374	0.0000	194.1865	194.1865	0.0628	0.0000	195.7566

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4900e-003	1.9700e-003	0.0233	8.0000e-005	0.0117	6.0000e-005	0.0118	3.1100e-003	6.0000e-005	3.1700e-003	0.0000	7.6363	7.6363	1.4000e-004	0.0000	7.6398
Total	3.4900e-003	1.9700e-003	0.0233	8.0000e-005	0.0117	6.0000e-005	0.0118	3.1100e-003	6.0000e-005	3.1700e-003	0.0000	7.6363	7.6363	1.4000e-004	0.0000	7.6398

3.5 Paving - 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	0.0119	0.1116	0.1895	3.0000e-004		5.4400e-003	5.4400e-003		5.0100e-003	5.0100e-003	0.0000	26.0250	26.0250	8.4200e-003	0.0000	26.2355
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0119	0.1116	0.1895	3.0000e-004		5.4400e-003	5.4400e-003		5.0100e-003	5.0100e-003	0.0000	26.0250	26.0250	8.4200e-003	0.0000	26.2355

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.4000e-004	2.9200e-003	1.0000e-005	1.5700e-003	1.0000e-005	1.5800e-003	4.2000e-004	1.0000e-005	4.2000e-004	0.0000	0.9954	0.9954	2.0000e-005	0.0000	0.9958
Total	4.4000e-004	2.4000e-004	2.9200e-003	1.0000e-005	1.5700e-003	1.0000e-005	1.5800e-003	4.2000e-004	1.0000e-005	4.2000e-004	0.0000	0.9954	0.9954	2.0000e-005	0.0000	0.9958

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0119	0.1116	0.1895	3.0000e-004		5.4400e-003	5.4400e-003		5.0100e-003	5.0100e-003	0.0000	26.0250	26.0250	8.4200e-003	0.0000	26.2354
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0119	0.1116	0.1895	3.0000e-004		5.4400e-003	5.4400e-003		5.0100e-003	5.0100e-003	0.0000	26.0250	26.0250	8.4200e-003	0.0000	26.2354

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.4000e-004	2.9200e-003	1.0000e-005	1.5700e-003	1.0000e-005	1.5800e-003	4.2000e-004	1.0000e-005	4.2000e-004	0.0000	0.9954	0.9954	2.0000e-005	0.0000	0.9958
Total	4.4000e-004	2.4000e-004	2.9200e-003	1.0000e-005	1.5700e-003	1.0000e-005	1.5800e-003	4.2000e-004	1.0000e-005	4.2000e-004	0.0000	0.9954	0.9954	2.0000e-005	0.0000	0.9958

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Convenience Market With Gas Pumps	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
General Heavy Industry	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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
Convenience Market With Gas Pumps	9.50	7.30	7.30	0.80	80.20	19.00	14	21	65
Fast Food Restaurant w/o Drive Thru	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
High Turnover (Sit Down Restaurant)	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Convenience Market With Gas Pumps	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
Fast Food Restaurant w/o Drive Thru	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
General Heavy Industry	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
General Light Industry	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
High Turnover (Sit Down Restaurant)	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
Manufacturing	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
Unrefrigerated Warehouse-No Rail	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623

High Turnover (Sit Down Restaurant)	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
Manufacturing	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
Unrefrigerated Warehouse-No Fuel	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

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Convenience Market With Gas	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
Fast Food Restaurant w/o Drive-Thru	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
General Heavy Industry	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
General Light Industry	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 Turnover (Sit Down Restaurant)	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
Manufacturing	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
Unrefrigerated Warehouse-No Fuel	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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
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Land Use	kWh/yr	MT/yr			
Convenience Market With Gas	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o	0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Convenience Market With Gas	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o	0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000

Consumer Products	10.2129					0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	2.2000e-003	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005			9.0000e-005	9.0000e-005	0.0000	0.0470	0.0470	1.2000e-004	0.0000	0.0501
Total	10.2151	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005			9.0000e-005	9.0000e-005	0.0000	0.0470	0.0470	1.2000e-004	0.0000	0.0501

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	10.2129						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.2000e-003	2.2000e-004	0.0241	0.0000			9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0470	0.0470	1.2000e-004	0.0000	0.0501
Total	10.2151	2.2000e-004	0.0241	0.0000			9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0470	0.0470	1.2000e-004	0.0000	0.0501

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			
Convenience Market With Gas	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	0 / 0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Drive Thru	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Convenience Market With Gas	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	0 / 0	0.0000	0.0000	0.0000	0.0000

General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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			
Fast Food Restaurant w/o Drive Thru	0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Drive Thru	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant w/o Drive Thru	0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Drive Thru	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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase One - Construction Only - San Bernardino-Mojave Desert County, Summer

SCLA Specific Plan - Phase One - Construction Only
San Bernardino-Mojave Desert County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	169.00	1000sqft	8.03	169,000.00	0
General Light Industry	22.54	1000sqft	1.07	22,540.00	0
Manufacturing	147.89	1000sqft	7.02	147,890.00	0
Unrefrigerated Warehouse-No Rail	2,264.04	1000sqft	107.52	2,264,040.00	0
Fast Food Restaurant w/o Drive Thru	2.70	1000sqft	0.13	2,700.00	0
High Turnover (Sit Down Restaurant)	6.00	1000sqft	0.28	6,000.00	0
Convenience Market With Gas Pumps	20.00	Pump	0.95	2,823.50	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2030
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	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 - Phase 1 Construction buildout on 125 acres.

Construction Phase - Construction would be complete in 5 years (2030) for Phase One.

Grading - Balanced Cut & Fill.

Architectural Coating - MDAQMD Rule 1113

Vehicle Trips - Construction Emissions Only. Separate Operation Run has been done.

Area Coating - Construction Emissions Only. Separate Operation Run has been done.

Energy Use - Construction Emissions Only. Separate Operation Run has been done.

Water And Wastewater - Construction Emissions Only. Separate Operation Run has been done.

Solid Waste - Construction Emissions Only. Separate Operation Run has been done.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Area Mitigation - MDAQMD Rule 1113, 50g/L VOC limit.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	0
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblAreaCoating	Area_Nonresidential_Exterior	1307497	0
tblAreaCoating	Area_Nonresidential_Interior	3922490	0
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	0	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	230.00

tblConstructionPhase	NumDays	3,100.00	450.00
tblConstructionPhase	NumDays	310.00	280.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	6.62	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	6.62	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	12.38	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	12.38	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	0.37	0.00

tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	77.67	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	77.67	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	2.00	0.00
tblGrading	AcresOfGrading	700.00	775.00
tblGrading	MaterialExported	0.00	743,750.00
tblGrading	MaterialImported	0.00	743,750.00
tblLandUse	LotAcreage	3.88	8.03
tblLandUse	LotAcreage	0.52	1.07
tblLandUse	LotAcreage	3.40	7.02
tblLandUse	LotAcreage	51.98	107.52
tblLandUse	LotAcreage	0.06	0.13
tblLandUse	LotAcreage	0.14	0.28
tblLandUse	LotAcreage	0.06	0.95
tblSolidWaste	SolidWasteGenerationRate	31.10	0.00
tblSolidWaste	SolidWasteGenerationRate	209.56	0.00
tblSolidWaste	SolidWasteGenerationRate	27.95	0.00
tblSolidWaste	SolidWasteGenerationRate	71.40	0.00
tblSolidWaste	SolidWasteGenerationRate	183.38	0.00
tblSolidWaste	SolidWasteGenerationRate	2,128.20	0.00
tblVehicleTrips	ST_TR	204.47	0.00
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	ST_TR	1.50	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	1.68	0.00

tblVehicleTrips	SU_TR	166.88	0.00
tblVehicleTrips	SU_TR	500.00	0.00
tblVehicleTrips	SU_TR	1.50	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	542.60	0.00
tblVehicleTrips	WD_TR	716.00	0.00
tblVehicleTrips	WD_TR	1.50	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	209,143.58	0.00
tblWater	IndoorWaterUseRate	819,541.02	0.00
tblWater	IndoorWaterUseRate	39,081,250.00	0.00
tblWater	IndoorWaterUseRate	5,212,375.00	0.00
tblWater	IndoorWaterUseRate	1,821,202.27	0.00
tblWater	IndoorWaterUseRate	34,199,562.50	0.00
tblWater	IndoorWaterUseRate	523,559,250.00	0.00
tblWater	OutdoorWaterUseRate	128,184.78	0.00
tblWater	OutdoorWaterUseRate	52,311.13	0.00
tblWater	OutdoorWaterUseRate	116,246.95	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

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	1/1/2025	6/17/2025	5	120	
2	Grading	Grading	6/18/2025	7/14/2026	5	280	
3	Building Construction	Building Construction	7/14/2026	4/3/2028	5	450	
4	Paving	Paving	4/4/2028	2/5/2029	5	220	
5	Architectural Coating	Architectural Coating	2/6/2029	12/24/2029	5	230	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,922,490; Non-Residential Outdoor: 1,307,497; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	92,969.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,098.00	429.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	220.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0573	0.0286	0.4116	1.2600e-003	0.1479	9.0000e-004	0.1488	0.0392	8.2000e-004	0.0400		125.6310	125.6310	2.7900e-003		125.7009
Total	0.0573	0.0286	0.4116	1.2600e-003	0.1479	9.0000e-004	0.1488	0.0392	8.2000e-004	0.0400		125.6310	125.6310	2.7900e-003		125.7009

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	7.0458	1.0868	8.1326	3.8730	0.9999	4.8728	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0573	0.0286	0.4116	1.2600e-003	0.1479	9.0000e-004	0.1488	0.0392	8.2000e-004	0.0400		125.6310	125.6310	2.7900e-003	125.7009
Total	0.0573	0.0286	0.4116	1.2600e-003	0.1479	9.0000e-004	0.1488	0.0392	8.2000e-004	0.0400		125.6310	125.6310	2.7900e-003	125.7009

3.3 Grading - 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					
Fugitive Dust					9.7039	0.0000	9.7039	3.7402	0.0000	3.7402			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.7039	1.1309	10.8348	3.7402	1.0404	4.7806		6,008.2814	6,008.2814	1.9432		6,056.8614

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2862	45.9388	10.0856	0.2438	10.1375	0.0803	10.2178	2.6550	0.0769	2.7319		25,951.9108	25,951.9108	1.2136		25,982.2498
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0637	0.0318	0.4574	1.4000e-003	0.1643	9.9000e-004	0.1653	0.0436	9.2000e-004	0.0445		139.5901	139.5901	3.1000e-003		139.6677

Total	1.3499	45.9706	10.5430	0.2452	10.3018	0.0813	10.3831	2.6986	0.0778	2.7764		26,091.50	26,091.500	1.2167		26,121.91
												08	8			75

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.7845	0.0000	3.7845	1.4587	0.0000	1.4587			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	3.7845	1.1309	4.9154	1.4587	1.0404	2.4991	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2862	45.9388	10.0856	0.2438	10.1375	0.0803	10.2178	2.6550	0.0769	2.7319		25,951.9108	25,951.9108	1.2136		25,982.2498
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0637	0.0318	0.4574	1.4000e-003	0.1643	9.9000e-004	0.1653	0.0436	9.2000e-004	0.0445		139.5901	139.5901	3.1000e-003		139.6677
Total	1.3499	45.9706	10.5430	0.2452	10.3018	0.0813	10.3831	2.6986	0.0778	2.7764		26,091.50	26,091.500	1.2167		26,121.91
												08	8			75

3.3 Grading - 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					
Fugitive Dust					9.7039	0.0000	9.7039	3.7402	0.0000	3.7402			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.7039	1.1309	10.8348	3.7402	1.0404	4.7806		6,008.2814	6,008.2814	1.9432		6,056.8614

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2780	45.3117	10.0772	0.2425	10.2628	0.0792	10.3420	2.6858	0.0758	2.7616		25,814.7515	25,814.7515	1.2112		25,845.0324
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0603	0.0291	0.4252	1.3500e-003	0.1643	9.6000e-004	0.1653	0.0436	8.9000e-004	0.0445		134.5257	134.5257	2.8200e-003		134.5962
Total	1.3383	45.3408	10.5023	0.2438	10.4271	0.0802	10.5073	2.7294	0.0767	2.8060		25,949.2773	25,949.2773	1.2141		25,979.6286

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.7845	0.0000	3.7845	1.4587	0.0000	1.4587			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	3.7845	1.1309	4.9154	1.4587	1.0404	2.4991	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2780	45.3117	10.0772	0.2425	10.2628	0.0792	10.3420	2.6858	0.0758	2.7616		25,814.7515	25,814.7515	1.2112		25,845.0324
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0603	0.0291	0.4252	1.3500e-003	0.1643	9.6000e-004	0.1653	0.0436	8.9000e-004	0.0445		134.5257	134.5257	2.8200e-003		134.5962
Total	1.3383	45.3408	10.5023	0.2438	10.4271	0.0802	10.5073	2.7294	0.0767	2.8060		25,949.2773	25,949.2773	1.2141		25,979.6286

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7513	30.4437	5.7418	0.1145	2.9061	0.0300	2.9361	0.8367	0.0287	0.8653		12,100.1295	12,100.1295	0.5990		12,115.1043
Worker	3.3081	1.5975	23.3421	0.0741	9.0198	0.0529	9.0727	2.3925	0.0486	2.4411		7,385.4620	7,385.4620	0.1548		7,389.3326
Total	4.0594	32.0412	29.0839	0.1886	11.9259	0.0829	12.0087	3.2291	0.0773	3.3065		19,485.5915	19,485.5915	0.7538		19,504.4369

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.7513	30.4437	5.7418	0.1145	2.9061	0.0300	2.9361	0.8367	0.0287	0.8653	12,100.1295	12,100.1295	0.5990		12,115.1043	
Worker	3.3081	1.5975	23.3421	0.0741	9.0198	0.0529	9.0727	2.3925	0.0486	2.4411	7,385.4620	7,385.4620	0.1548		7,389.3326	
Total	4.0594	32.0412	29.0839	0.1886	11.9259	0.0829	12.0087	3.2291	0.0773	3.3065	19,485.5915	19,485.5915	0.7538		19,504.4369	

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	2,556.4744	2,556.4744	0.6010			2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	2,556.4744	2,556.4744	0.6010			2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.7367	30.2425	5.5852	0.1139	2.9060	0.0296	2.9356	0.8367	0.0283	0.8649	12,043.2564	12,043.2564	0.5938			12,058.1022
Worker	3.1260	1.4635	21.7730	0.0716	9.0198	0.0501	9.0699	2.3925	0.0461	2.4386	7,140.3345	7,140.3345	0.1410			7,143.8586

Total	3.8627	31.7060	27.3582	0.1856	11.9258	0.0797	12.0055	3.2291	0.0743	3.3035		19,183.59	19,183.590	0.7348		19,201.96
												09	9			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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7367	30.2425	5.5852	0.1139	2.9060	0.0296	2.9356	0.8367	0.0283	0.8649		12,043.2564	12,043.2564	0.5938		12,058.1022
Worker	3.1260	1.4635	21.7730	0.0716	9.0198	0.0501	9.0699	2.3925	0.0461	2.4386		7,140.3345	7,140.3345	0.1410		7,143.8586
Total	3.8627	31.7060	27.3582	0.1856	11.9258	0.0797	12.0055	3.2291	0.0743	3.3035		19,183.5909	19,183.5909	0.7348		19,201.9608

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7245	30.0840	5.4633	0.1135	2.9060	0.0293	2.9353	0.8367	0.0280	0.8647		11,994.8887	11,994.8887	0.5879		12,009.5849
Worker	2.9418	1.3434	20.3999	0.0695	9.0198	0.0465	9.0663	2.3925	0.0428	2.4353		6,925.2826	6,925.2826	0.1290		6,928.5086
Total	3.6663	31.4274	25.8632	0.1829	11.9258	0.0758	12.0016	3.2291	0.0708	3.2999		18,920.1713	18,920.1713	0.7169		18,938.0935

Mitigated Construction On-Site

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

Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.4744	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.4744	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7245	30.0840	5.4633	0.1135	2.9060	0.0293	2.9353	0.8367	0.0280	0.8647		11,994.88 87	11,994.888 7	0.5879		12,009.58 49
Worker	2.9418	1.3434	20.3999	0.0695	9.0198	0.0465	9.0663	2.3925	0.0428	2.4353		6,925.282 6	6,925.2826	0.1290		6,928.508 6
Total	3.6663	31.4274	25.8632	0.1829	11.9258	0.0758	12.0016	3.2291	0.0708	3.2999		18,920.17 13	18,920.171 3	0.7169		18,938.09 35

3.5 Paving - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.7452	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.7452	0.7137		2,224.587 8

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0402	0.0184	0.2787	9.5000e-004	0.1232	6.4000e-004	0.1239	0.0327	5.8000e-004	0.0333		94.6077	94.6077	1.7600e-003		94.6518
Total	0.0402	0.0184	0.2787	9.5000e-004	0.1232	6.4000e-004	0.1239	0.0327	5.8000e-004	0.0333		94.6077	94.6077	1.7600e-003		94.6518

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0402	0.0184	0.2787	9.5000e-004	0.1232	6.4000e-004	0.1239	0.0327	5.8000e-004	0.0333	94.6077	94.6077	1.7600e-003	94.6518	
Total	0.0402	0.0184	0.2787	9.5000e-004	0.1232	6.4000e-004	0.1239	0.0327	5.8000e-004	0.0333	94.6077	94.6077	1.7600e-003	94.6518	

3.5 Paving - 2029

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0375	0.0168	0.2606	9.2000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332	92.0221	92.0221	1.6100e-003	92.0622		

Total	0.0375	0.0168	0.2606	9.2000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		92.0221	92.0221	1.6100e-003		92.0622
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0375	0.0168	0.2606	9.2000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		92.0221	92.0221	1.6100e-003		92.0622
Total	0.0375	0.0168	0.2606	9.2000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		92.0221	92.0221	1.6100e-003		92.0622

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.6978					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		281.8319
Total	52.8687	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5495	0.2464	3.8217	0.0135	1.8073	8.6500e-003	1.8159	0.4794	7.9600e-003	0.4873		1,349.6567	1,349.6567	0.0236		1,350.2454
Total	0.5495	0.2464	3.8217	0.0135	1.8073	8.6500e-003	1.8159	0.4794	7.9600e-003	0.4873		1,349.6567	1,349.6567	0.0236		1,350.2454

Mitigated Construction On-Site

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

Archit. Coating	52.6978					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	0.0000	281.4481	281.4481	0.0154		281.8319
Total	52.8687	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5495	0.2464	3.8217	0.0135	1.8073	8.6500e-003	1.8159	0.4794	7.9600e-003	0.4873		1,349.6567	1,349.6567	0.0236		1,350.2454
Total	0.5495	0.2464	3.8217	0.0135	1.8073	8.6500e-003	1.8159	0.4794	7.9600e-003	0.4873		1,349.6567	1,349.6567	0.0236		1,350.2454

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	0.0000
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Convenience Market With Gas Pumps	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
General Heavy Industry	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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
Convenience Market With Gas Pumps	9.50	7.30	7.30	0.80	80.20	19.00	14	21	65
Fast Food Restaurant w/o Drive Thru	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
High Turnover (Sit Down Restaurant)	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Convenience Market With Gas Pumps	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
Fast Food Restaurant w/o Drive Thru	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
General Heavy Industry	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
General Light Industry	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
High Turnover (Sit Down Restaurant)	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
Manufacturing	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623

Unrefrigerated Warehouse-No Rail	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
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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					
Convenience Market With Gas	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	
Fast Food Restaurant w/o Drive Thru	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	
General Heavy Industry	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	
General Light Industry	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	

High Turnover (Sit Down Restaurant)	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	0.0000
Manufacturing	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	0.0000
Unrefrigerated Warehouse-No	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	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

Mitigated

Land Use	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	kBTU/yr	lb/day										lb/day					
Convenience Market With Gas	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
Fast Food Restaurant w/o Drive Thru	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 Heavy Industry	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 Light Industry	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 Turnover (Sit Down Restaurant)	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
Manufacturing	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
Unrefrigerated Warehouse-No	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

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

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	55.9853	2.4100e-003	0.2674	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		0.5761	0.5761	1.4900e-003		0.6132
Unmitigated	55.9853	2.4100e-003	0.2674	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		0.5761	0.5761	1.4900e-003		0.6132

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	55.9609					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0245	2.4100e-003	0.2674	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		0.5761	0.5761	1.4900e-003		0.6132
Total	55.9853	2.4100e-003	0.2674	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		0.5761	0.5761	1.4900e-003		0.6132

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	55.9609					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0245	2.4100e-003	0.2674	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		0.5761	0.5761	1.4900e-003		0.6132
Total	55.9853	2.4100e-003	0.2674	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		0.5761	0.5761	1.4900e-003		0.6132

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase One - Construction Only - San Bernardino-Mojave Desert County, Winter

SCLA Specific Plan - Phase One - Construction Only
San Bernardino-Mojave Desert County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	169.00	1000sqft	8.03	169,000.00	0
General Light Industry	22.54	1000sqft	1.07	22,540.00	0
Manufacturing	147.89	1000sqft	7.02	147,890.00	0
Unrefrigerated Warehouse-No Rail	2,264.04	1000sqft	107.52	2,264,040.00	0
Fast Food Restaurant w/o Drive Thru	2.70	1000sqft	0.13	2,700.00	0
High Turnover (Sit Down Restaurant)	6.00	1000sqft	0.28	6,000.00	0
Convenience Market With Gas Pumps	20.00	Pump	0.95	2,823.50	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2030
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	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 - Phase 1 Construction buildout on 125 acres.

Construction Phase - Construction would be complete in 5 years (2030) for Phase One.

Grading - Balanced Cut & Fill.

Architectural Coating - MDAQMD Rule 1113

Vehicle Trips - Construction Emissions Only. Separate Operation Run has been done.

Area Coating - Construction Emissions Only. Separate Operation Run has been done.

Energy Use - Construction Emissions Only. Separate Operation Run has been done.

Water And Wastewater - Construction Emissions Only. Separate Operation Run has been done.

Solid Waste - Construction Emissions Only. Separate Operation Run has been done.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Area Mitigation - MDAQMD Rule 1113, 50g/L VOC limit.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	0
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblAreaCoating	Area_Nonresidential_Exterior	1307497	0
tblAreaCoating	Area_Nonresidential_Interior	3922490	0
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	0	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	230.00

tblConstructionPhase	NumDays	3,100.00	450.00
tblConstructionPhase	NumDays	310.00	280.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	6.62	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	6.62	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	12.38	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	12.38	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	0.37	0.00

tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	77.67	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	77.67	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	2.00	0.00
tblGrading	AcresOfGrading	700.00	775.00
tblGrading	MaterialExported	0.00	743,750.00
tblGrading	MaterialImported	0.00	743,750.00
tblLandUse	LotAcreage	3.88	8.03
tblLandUse	LotAcreage	0.52	1.07
tblLandUse	LotAcreage	3.40	7.02
tblLandUse	LotAcreage	51.98	107.52
tblLandUse	LotAcreage	0.06	0.13
tblLandUse	LotAcreage	0.14	0.28
tblLandUse	LotAcreage	0.06	0.95
tblSolidWaste	SolidWasteGenerationRate	31.10	0.00
tblSolidWaste	SolidWasteGenerationRate	209.56	0.00
tblSolidWaste	SolidWasteGenerationRate	27.95	0.00
tblSolidWaste	SolidWasteGenerationRate	71.40	0.00
tblSolidWaste	SolidWasteGenerationRate	183.38	0.00
tblSolidWaste	SolidWasteGenerationRate	2,128.20	0.00
tblVehicleTrips	ST_TR	204.47	0.00
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	ST_TR	1.50	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	1.68	0.00

tblVehicleTrips	SU_TR	166.88	0.00
tblVehicleTrips	SU_TR	500.00	0.00
tblVehicleTrips	SU_TR	1.50	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	542.60	0.00
tblVehicleTrips	WD_TR	716.00	0.00
tblVehicleTrips	WD_TR	1.50	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	209,143.58	0.00
tblWater	IndoorWaterUseRate	819,541.02	0.00
tblWater	IndoorWaterUseRate	39,081,250.00	0.00
tblWater	IndoorWaterUseRate	5,212,375.00	0.00
tblWater	IndoorWaterUseRate	1,821,202.27	0.00
tblWater	IndoorWaterUseRate	34,199,562.50	0.00
tblWater	IndoorWaterUseRate	523,559,250.00	0.00
tblWater	OutdoorWaterUseRate	128,184.78	0.00
tblWater	OutdoorWaterUseRate	52,311.13	0.00
tblWater	OutdoorWaterUseRate	116,246.95	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

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	1/1/2025	6/17/2025	5	120	
2	Grading	Grading	6/18/2025	7/14/2026	5	280	
3	Building Construction	Building Construction	7/14/2026	4/3/2028	5	450	
4	Paving	Paving	4/4/2028	2/5/2029	5	220	
5	Architectural Coating	Architectural Coating	2/6/2029	12/24/2029	5	230	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,922,490; Non-Residential Outdoor: 1,307,497; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	92,969.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,098.00	429.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	220.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0567	0.0301	0.3403	1.1300e-003	0.1479	9.0000e-004	0.1488	0.0392	8.2000e-004	0.0400		112.7918	112.7918	2.4800e-003		112.8537
Total	0.0567	0.0301	0.3403	1.1300e-003	0.1479	9.0000e-004	0.1488	0.0392	8.2000e-004	0.0400		112.7918	112.7918	2.4800e-003		112.8537

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	7.0458	1.0868	8.1326	3.8730	0.9999	4.8728	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0567	0.0301	0.3403	1.1300e-003	0.1479	9.0000e-004	0.1488	0.0392	8.2000e-004	0.0400	112.7918	112.7918	2.4800e-003	112.8537	
Total	0.0567	0.0301	0.3403	1.1300e-003	0.1479	9.0000e-004	0.1488	0.0392	8.2000e-004	0.0400		112.7918	112.7918	2.4800e-003	112.8537

3.3 Grading - 2025

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Fugitive Dust					9.7039	0.0000	9.7039	3.7402	0.0000	3.7402			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.7039	1.1309	10.8348	3.7402	1.0404	4.7806		6,008.2814	6,008.2814	1.9432		6,056.8614

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Hauling	1.3451	45.7066	11.1537	0.2375	10.1375	0.0817	10.2191	2.6550	0.0781	2.7331		25,281.5066	25,281.5066	1.3083		25,314.2138
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0630	0.0334	0.3781	1.2600e-003	0.1643	9.9000e-004	0.1653	0.0436	9.2000e-004	0.0445		125.3243	125.3243	2.7500e-003		125.3930

Total	1.4081	45.7400	11.5318	0.2388	10.3018	0.0826	10.3844	2.6986	0.0790	2.7776		25,406.8309	25,406.8309	1.3110		25,439.6068
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.7845	0.0000	3.7845	1.4587	0.0000	1.4587			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	3.7845	1.1309	4.9154	1.4587	1.0404	2.4991	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3451	45.7066	11.1537	0.2375	10.1375	0.0817	10.2191	2.6550	0.0781	2.7331		25,281.5066	25,281.5066	1.3083		25,314.2138
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0630	0.0334	0.3781	1.2600e-003	0.1643	9.9000e-004	0.1653	0.0436	9.2000e-004	0.0445		125.3243	125.3243	2.7500e-003		125.3930
Total	1.4081	45.7400	11.5318	0.2388	10.3018	0.0826	10.3844	2.6986	0.0790	2.7776		25,406.8309	25,406.8309	1.3110		25,439.6068

3.3 Grading - 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					
Fugitive Dust					9.7039	0.0000	9.7039	3.7402	0.0000	3.7402			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.7039	1.1309	10.8348	3.7402	1.0404	4.7806		6,008.2814	6,008.2814	1.9432		6,056.8614

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3362	45.0685	11.1345	0.2362	10.2628	0.0804	10.3432	2.6858	0.0770	2.7627		25,151.9659	25,151.9659	1.3055		25,184.6033
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0597	0.0305	0.3510	1.2100e-003	0.1643	9.6000e-004	0.1653	0.0436	8.9000e-004	0.0445		120.7808	120.7808	2.5000e-003		120.8433
Total	1.3960	45.0990	11.4855	0.2374	10.4271	0.0814	10.5085	2.7294	0.0779	2.8072		25,272.7467	25,272.7467	1.3080		25,305.4466

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.7845	0.0000	3.7845	1.4587	0.0000	1.4587			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	3.7845	1.1309	4.9154	1.4587	1.0404	2.4991	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3362	45.0685	11.1345	0.2362	10.2628	0.0804	10.3432	2.6858	0.0770	2.7627		25,151.9659	25,151.9659	1.3055		25,184.6033
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0597	0.0305	0.3510	1.2100e-003	0.1643	9.6000e-004	0.1653	0.0436	8.9000e-004	0.0445		120.7808	120.7808	2.5000e-003		120.8433
Total	1.3960	45.0990	11.4855	0.2374	10.4271	0.0814	10.5085	2.7294	0.0779	2.8072		25,272.7467	25,272.7467	1.3080		25,305.4466

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.7963	30.0578	6.6094	0.1104	2.9061	0.0308	2.9369	0.8367	0.0294	0.8661		11,661.4010	11,661.4010	0.6617			11,677.9427
Worker	3.2797	1.6764	19.2684	0.0665	9.0198	0.0529	9.0727	2.3925	0.0486	2.4411		6,630.8684	6,630.8684	0.1372			6,634.2992
Total	4.0760	31.7342	25.8778	0.1769	11.9259	0.0837	12.0095	3.2291	0.0781	3.3072		18,292.2694	18,292.2694	0.7989			18,312.2419

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010			2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010			2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.7963	30.0578	6.6094	0.1104	2.9061	0.0308	2.9369	0.8367	0.0294	0.8661	11,661.4010	11,661.4010	0.6617		11,677.9427
Worker	3.2797	1.6764	19.2684	0.0665	9.0198	0.0529	9.0727	2.3925	0.0486	2.4411	6,630.8684	6,630.8684	0.1372		6,634.2992
Total	4.0760	31.7342	25.8778	0.1769	11.9259	0.0837	12.0095	3.2291	0.0781	3.3072	18,292.2694	18,292.2694	0.7989		18,312.2419

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	2,556.4744	2,556.4744	0.6010			2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	2,556.4744	2,556.4744	0.6010			2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.7810	29.8540	6.4417	0.1098	2.9060	0.0303	2.9363	0.8367	0.0290	0.8656	11,608.2198	11,608.2198	0.6561			11,624.6212
Worker	3.1062	1.5350	17.9468	0.0643	9.0198	0.0501	9.0699	2.3925	0.0461	2.4386	6,410.6247	6,410.6247	0.1249			6,413.7477

Total	3.8872	31.3890	24.3885	0.1741	11.9258	0.0804	12.0062	3.2291	0.0750	3.3042		18,018.84	18,018.84	0.7810		18,038.36
												46	6			89

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.4744	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.4744	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7810	29.8540	6.4417	0.1098	2.9060	0.0303	2.9363	0.8367	0.0290	0.8656		11,608.21 98	11,608.219 8	0.6561		11,624.62 12
Worker	3.1062	1.5350	17.9468	0.0643	9.0198	0.0501	9.0699	2.3925	0.0461	2.4386		6,410.624 7	6,410.6247	0.1249		6,413.747 7
Total	3.8872	31.3890	24.3885	0.1741	11.9258	0.0804	12.0062	3.2291	0.0750	3.3042		18,018.84 46	18,018.844 6	0.7810		18,038.36 89

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7684	29.6953	6.3106	0.1094	2.9060	0.0300	2.9360	0.8367	0.0286	0.8653		11,563.4078	11,563.4078	0.6494		11,579.6438
Worker	2.9271	1.4084	16.7888	0.0623	9.0198	0.0465	9.0663	2.3925	0.0428	2.4353		6,217.1877	6,217.1877	0.1143		6,220.0447
Total	3.6955	31.1037	23.0994	0.1717	11.9258	0.0765	12.0023	3.2291	0.0714	3.3006		17,780.5954	17,780.5954	0.7637		17,799.6886

Mitigated Construction On-Site

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

Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.4744	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.4744	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7684	29.6953	6.3106	0.1094	2.9060	0.0300	2.9360	0.8367	0.0286	0.8653		11,563.40 78	11,563.407 8	0.6494		11,579.64 38
Worker	2.9271	1.4084	16.7888	0.0623	9.0198	0.0465	9.0663	2.3925	0.0428	2.4353		6,217.187 7	6,217.1877	0.1143		6,220.044 7
Total	3.6955	31.1037	23.0994	0.1717	11.9258	0.0765	12.0023	3.2291	0.0714	3.3006		17,780.59 54	17,780.595 4	0.7637		17,799.68 86

3.5 Paving - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.7452	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.7452	0.7137		2,224.587 8

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0400	0.0192	0.2294	8.5000e-004	0.1232	6.4000e-004	0.1239	0.0327	5.8000e-004	0.0333		84.9343	84.9343	1.5600e-003		84.9733
Total	0.0400	0.0192	0.2294	8.5000e-004	0.1232	6.4000e-004	0.1239	0.0327	5.8000e-004	0.0333		84.9343	84.9343	1.5600e-003		84.9733

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0400	0.0192	0.2294	8.5000e-004	0.1232	6.4000e-004	0.1239	0.0327	5.8000e-004	0.0333	84.9343	84.9343	1.5600e-003	84.9733	
Total	0.0400	0.0192	0.2294	8.5000e-004	0.1232	6.4000e-004	0.1239	0.0327	5.8000e-004	0.0333	84.9343	84.9343	1.5600e-003	84.9733	

3.5 Paving - 2029

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0373	0.0176	0.2140	8.3000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332	82.6051	82.6051	1.4200e-003	82.6407		

Total	0.0373	0.0176	0.2140	8.3000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		82.6051	82.6051	1.4200e-003		82.6407
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137			2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137			2,224.5878

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0373	0.0176	0.2140	8.3000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		82.6051	82.6051	1.4200e-003			82.6407
Total	0.0373	0.0176	0.2140	8.3000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		82.6051	82.6051	1.4200e-003			82.6407

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.6978					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		281.8319
Total	52.8687	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5473	0.2581	3.1393	0.0121	1.8073	8.6500e-003	1.8159	0.4794	7.9600e-003	0.4873		1,211.5419	1,211.5419	0.0208		1,212.0630
Total	0.5473	0.2581	3.1393	0.0121	1.8073	8.6500e-003	1.8159	0.4794	7.9600e-003	0.4873		1,211.5419	1,211.5419	0.0208		1,212.0630

Mitigated Construction On-Site

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

Archit. Coating	52.6978					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	0.0000	281.4481	281.4481	0.0154		281.8319
Total	52.8687	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5473	0.2581	3.1393	0.0121	1.8073	8.6500e-003	1.8159	0.4794	7.9600e-003	0.4873		1,211.5419	1,211.5419	0.0208		1,212.0630
Total	0.5473	0.2581	3.1393	0.0121	1.8073	8.6500e-003	1.8159	0.4794	7.9600e-003	0.4873		1,211.5419	1,211.5419	0.0208		1,212.0630

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	0.0000
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Convenience Market With Gas Pumps	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
General Heavy Industry	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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
Convenience Market With Gas Pumps	9.50	7.30	7.30	0.80	80.20	19.00	14	21	65
Fast Food Restaurant w/o Drive Thru	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
High Turnover (Sit Down Restaurant)	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Convenience Market With Gas Pumps	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
Fast Food Restaurant w/o Drive Thru	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
General Heavy Industry	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
General Light Industry	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
High Turnover (Sit Down Restaurant)	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
Manufacturing	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623

Unrefrigerated Warehouse-No Rail	0.568260	0.033614	0.184668	0.102877	0.010818	0.004253	0.018932	0.067054	0.001372	0.001348	0.005404	0.000777	0.000623
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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					
Convenience Market With Gas	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
Fast Food Restaurant w/o Drive Thru	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 Heavy Industry	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 Light Industry	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 Turnover (Sit Down Restaurant)	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	0.0000
Manufacturing	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	0.0000
Unrefrigerated Warehouse-No	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	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

Mitigated

Land Use	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	kBTU/yr	lb/day										lb/day					
Convenience Market With Gas	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
Fast Food Restaurant w/o Drive-Thru	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 Heavy Industry	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 Light Industry	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 Turnover (Sit Down Restaurant)	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
Manufacturing	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
Unrefrigerated Warehouse-No	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

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

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	55.9853	2.4100e-003	0.2674	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		0.5761	0.5761	1.4900e-003		0.6132
Unmitigated	55.9853	2.4100e-003	0.2674	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		0.5761	0.5761	1.4900e-003		0.6132

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	55.9609					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0245	2.4100e-003	0.2674	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		0.5761	0.5761	1.4900e-003		0.6132
Total	55.9853	2.4100e-003	0.2674	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		0.5761	0.5761	1.4900e-003		0.6132

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	55.9609					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0245	2.4100e-003	0.2674	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		0.5761	0.5761	1.4900e-003		0.6132
Total	55.9853	2.4100e-003	0.2674	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		0.5761	0.5761	1.4900e-003		0.6132

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase Two - Construction Only - San Bernardino-Mojave Desert County, Annual

SCLA Specific Plan - Phase Two - Construction Only
San Bernardino-Mojave Desert County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	962.50	1000sqft	208.94	962,500.00	0
General Light Industry	755.87	1000sqft	164.08	755,870.00	0
Manufacturing	870.92	1000sqft	189.06	870,920.00	0
Unrefrigerated Warehouse-No Rail	2,612.76	1000sqft	567.17	2,612,760.00	0
Fast Food Restaurant w/o Drive Thru	3.80	1000sqft	0.82	3,800.00	0
High Turnover (Sit Down Restaurant)	12.00	1000sqft	2.60	12,000.00	0
Regional Shopping Center	23.00	1000sqft	4.99	23,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2035
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction run only.

Land Use - Phase two building development, total lot acreage is from the Specific Plan (1137.66).

Construction Phase - anticipated Construction Schedule over 5 years.

Grading - Cut and Fill is balanced.

Architectural Coating - MDAQMD Rule 1113. 50g/L VOC content

Vehicle Trips - Construction only - no operational emissions.

Woodstoves - Construction Only - No Operational Emissions.

Consumer Products - Construction only - no operational emissions.

Area Coating - Construction Only - No Operational Emissions.

Landscape Equipment - Construction Only - No Operational Emissions.

Energy Use - Construction Only - No Operational Emissions.

Water And Wastewater - Construction Only - No Operational Emissions.

Solid Waste - Construction Only - No Operational Emissions.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	2620425	0
tblAreaCoating	Area_Nonresidential_Interior	7861275	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	380.00
tblConstructionPhase	NumDays	155,000.00	425.00
tblConstructionPhase	NumDays	15,500.00	270.00
tblConstructionPhase	NumDays	11,000.00	120.00
tblConstructionPhase	NumDays	6,000.00	160.00
tblEnergyUse	LightingElect	6.62	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	6.62	0.00

tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	12.38	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	12.38	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	77.67	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	77.67	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	1.92	0.00

tblEnergyUse	T24NG	2.00	0.00
tblGrading	AcresOfGrading	675.00	775.00
tblGrading	MaterialExported	0.00	1,136,250.00
tblGrading	MaterialImported	0.00	1,136,250.00
tblLandUse	LotAcreage	22.10	208.94
tblLandUse	LotAcreage	17.35	164.08
tblLandUse	LotAcreage	19.99	189.06
tblLandUse	LotAcreage	59.98	567.17
tblLandUse	LotAcreage	0.09	0.82
tblLandUse	LotAcreage	0.28	2.60
tblLandUse	LotAcreage	0.53	4.99
tblSolidWaste	SolidWasteGenerationRate	43.77	0.00
tblSolidWaste	SolidWasteGenerationRate	1,193.50	0.00
tblSolidWaste	SolidWasteGenerationRate	937.28	0.00
tblSolidWaste	SolidWasteGenerationRate	142.80	0.00
tblSolidWaste	SolidWasteGenerationRate	1,079.94	0.00
tblSolidWaste	SolidWasteGenerationRate	24.15	0.00
tblSolidWaste	SolidWasteGenerationRate	2,455.99	0.00
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	ST_TR	1.50	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	500.00	0.00
tblVehicleTrips	SU_TR	1.50	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	0.62	0.00

tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	716.00	0.00
tblVehicleTrips	WD_TR	1.50	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	1,153,428.11	0.00
tblWater	IndoorWaterUseRate	222,578,125.00	0.00
tblWater	IndoorWaterUseRate	174,794,937.50	0.00
tblWater	IndoorWaterUseRate	3,642,404.55	0.00
tblWater	IndoorWaterUseRate	201,400,250.00	0.00
tblWater	IndoorWaterUseRate	1,703,667.99	0.00
tblWater	IndoorWaterUseRate	604,200,750.00	0.00
tblWater	OutdoorWaterUseRate	73,623.07	0.00
tblWater	OutdoorWaterUseRate	232,493.91	0.00
tblWater	OutdoorWaterUseRate	1,044,183.61	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					
2030	0.5279	7.3857	3.8355	0.0373	3.8126	0.0693	3.8819	1.4330	0.0689	1.5019	0.0000	3,554.1164	3,554.1164	0.1702	0.0000	3,558.3718

2031	0.8731	13.7458	6.8205	0.0731	3.7655	0.0703	3.8357	1.0860	0.0692	1.1551	0.0000	6,992.6916	6,992.6916	0.3193	0.0000	7,000.6748
2032	0.8645	9.1258	7.1414	0.0483	3.0717	0.0361	3.1078	0.8332	0.0350	0.8682	0.0000	4,511.6513	4,511.6513	0.1744	0.0000	4,516.0112
2033	4.2266	2.9626	3.2558	0.0163	1.0542	0.0315	1.0857	0.2847	0.0311	0.3158	0.0000	1,504.5473	1,504.5473	0.0557	0.0000	1,505.9385
2034	8.3810	0.1564	0.8546	3.2900e-003	0.4592	4.2100e-003	0.4634	0.1220	4.0900e-003	0.1261	0.0000	296.1709	296.1709	4.5200e-003	0.0000	296.2838
Maximum	8.3810	13.7458	7.1414	0.0731	3.8126	0.0703	3.8819	1.4330	0.0692	1.5019	0.0000	6,992.6916	6,992.6916	0.3193	0.0000	7,000.6748

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					
2030	0.5279	7.3857	3.8355	0.0373	2.4948	0.0693	2.5641	0.8194	0.0689	0.8883	0.0000	3,554.1156	3,554.1156	0.1702	0.0000	3,558.3710
2031	0.8731	13.7458	6.8205	0.0731	3.2044	0.0703	3.2747	0.8883	0.0692	0.9574	0.0000	6,992.6908	6,992.6908	0.3193	0.0000	7,000.6740
2032	0.8645	9.1258	7.1413	0.0483	3.0717	0.0361	3.1078	0.8332	0.0350	0.8682	0.0000	4,511.6509	4,511.6509	0.1744	0.0000	4,516.0107
2033	4.2266	2.9626	3.2558	0.0163	1.0542	0.0315	1.0857	0.2847	0.0311	0.3158	0.0000	1,504.5470	1,504.5470	0.0557	0.0000	1,505.9382
2034	8.3810	0.1564	0.8546	3.2900e-003	0.4592	4.2100e-003	0.4634	0.1220	4.0900e-003	0.1261	0.0000	296.1709	296.1709	4.5200e-003	0.0000	296.2838
Maximum	8.3810	13.7458	7.1413	0.0731	3.2044	0.0703	3.2747	0.8883	0.0692	0.9574	0.0000	6,992.6908	6,992.6908	0.3193	0.0000	7,000.6740

	ROG	NOx	CO	SO2	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	15.45	0.00	15.18	21.59	0.00	20.45	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2030	3-31-2030	0.5197	0.5197
2	4-1-2030	6-30-2030	0.5255	0.5255
3	7-1-2030	9-30-2030	2.5175	2.5175

Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	20.4725	4.3000e-004	0.0479	0.0000	0.0000	1.7000e-004	1.7000e-004	0.0000	1.7000e-004	1.7000e-004	0.0000	0.0937	0.0937	2.4000e-004	0.0000	0.0997

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	20.4725	4.3000e-004	0.0479	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0937	0.0937	2.4000e-004	0.0000	0.0997
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	20.4725	4.3000e-004	0.0479	0.0000	0.0000	1.7000e-004	1.7000e-004	0.0000	1.7000e-004	1.7000e-004	0.0000	0.0937	0.0937	2.4000e-004	0.0000	0.0997

	ROG	NOx	CO	SO2	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	1/1/2030	8/12/2030	5	160	
2	Grading	Grading	8/13/2030	8/25/2031	5	270	
3	Building Construction	Building Construction	8/26/2031	4/11/2033	5	425	

4	Paving	Paving	4/12/2033	9/26/2033	5	120
5	Architectural Coating	Architectural Coating	7/15/2033	12/28/2034	5	380

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,861,275; Non-Residential Outdoor: 2,620,425; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
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Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9900e-003	1.6300e-003	0.0202	8.0000e-005	0.0116	5.0000e-005	0.0117	3.0800e-003	5.0000e-005	3.1300e-003	0.0000	7.1681	7.1681	1.2000e-004	0.0000	7.1710
Total	2.9900e-003	1.6300e-003	0.0202	8.0000e-005	0.0116	5.0000e-005	0.0117	3.0800e-003	5.0000e-005	3.1300e-003	0.0000	7.1681	7.1681	1.2000e-004	0.0000	7.1710

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.5637	0.0000	0.5637	0.3098	0.0000	0.3098	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1952	1.0934	1.3033	3.7200e-003		0.0349	0.0349		0.0349	0.0349	0.0000	320.0365	320.0365	0.0158	0.0000	320.4313
Total	0.1952	1.0934	1.3033	3.7200e-003	0.5637	0.0349	0.5986	0.3098	0.0349	0.3448	0.0000	320.0365	320.0365	0.0158	0.0000	320.4313

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9900e-003	1.6300e-003	0.0202	8.0000e-005	0.0116	5.0000e-005	0.0117	3.0800e-003	5.0000e-005	3.1300e-003	0.0000	7.1681	7.1681	1.2000e-004	0.0000	7.1710
Total	2.9900e-003	1.6300e-003	0.0202	8.0000e-005	0.0116	5.0000e-005	0.0117	3.0800e-003	5.0000e-005	3.1300e-003	0.0000	7.1681	7.1681	1.2000e-004	0.0000	7.1710

3.3 Grading - 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					
Fugitive Dust					0.7151	0.0000	0.7151	0.2115	0.0000	0.2115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1657	0.6992	1.1627	3.5300e-003		0.0246	0.0246		0.0246	0.0246	0.0000	330.4529	330.4529	0.0134	0.0000	330.7868
Total	0.1657	0.6992	1.1627	3.5300e-003	0.7151	0.0246	0.7397	0.2115	0.0246	0.2362	0.0000	330.4529	330.4529	0.0134	0.0000	330.7868

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1619	5.5902	1.3351	0.0299	1.6325	9.6400e-003	1.6421	0.4218	9.2200e-003	0.4310	0.0000	2,891.4309	2,891.4309	0.1409	0.0000	2,894.9527
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-003	1.1400e-003	0.0141	6.0000e-005	8.1400e-003	4.0000e-005	8.1800e-003	2.1600e-003	3.0000e-005	2.2000e-003	0.0000	5.0276	5.0276	8.0000e-005	0.0000	5.0296
Total	0.1640	5.5914	1.3493	0.0300	1.6406	9.6800e-003	1.6503	0.4240	9.2500e-003	0.4332	0.0000	2,896.4585	2,896.4585	0.1410	0.0000	2,899.9823

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Fugitive Dust					0.2789	0.0000	0.2789	0.0825	0.0000	0.0825	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1657	0.6992	1.1627	3.5300e-003		0.0246	0.0246		0.0246	0.0246	0.0000	330.4525	330.4525	0.0134	0.0000	330.7864
Total	0.1657	0.6992	1.1627	3.5300e-003	0.2789	0.0246	0.3035	0.0825	0.0246	0.1071	0.0000	330.4525	330.4525	0.0134	0.0000	330.7864

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1619	5.5902	1.3351	0.0299	1.6325	9.6400e-003	1.6421	0.4218	9.2200e-003	0.4310	0.0000	2,891.4309	2,891.4309	0.1409	0.0000	2,894.9527
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-003	1.1400e-003	0.0141	6.0000e-005	8.1400e-003	4.0000e-005	8.1800e-003	2.1600e-003	3.0000e-005	2.2000e-003	0.0000	5.0276	5.0276	8.0000e-005	0.0000	5.0296
Total	0.1640	5.5914	1.3493	0.0300	1.6406	9.6800e-003	1.6503	0.4240	9.2500e-003	0.4332	0.0000	2,896.4585	2,896.4585	0.1410	0.0000	2,899.9823

3.3 Grading - 2031

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.9198	0.0000	0.9198	0.3241	0.0000	0.3241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2772	1.1700	1.9455	5.9100e-003		0.0412	0.0412		0.0412	0.0412	0.0000	552.9361	552.9361	0.0224	0.0000	553.4947

Total	0.2772	1.1700	1.9455	5.9100e-003	0.9198	0.0412	0.9610	0.3241	0.0412	0.3653	0.0000	552.9361	552.9361	0.0224	0.0000	553.4947
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.2731	9.3501	2.2575	0.0500	1.7535	0.0160	1.7695	0.4657	0.0153	0.4810	0.0000	4,836.1677	4,836.1677	0.2346	0.0000	4,842.0330
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2200e-003	1.7300e-003	0.0222	9.0000e-005	0.0136	6.0000e-005	0.0137	3.6200e-003	5.0000e-005	3.6700e-003	0.0000	8.2366	8.2366	1.2000e-004	0.0000	8.2397
Total	0.2763	9.3518	2.2797	0.0501	1.7671	0.0161	1.7832	0.4693	0.0154	0.4847	0.0000	4,844.4043	4,844.4043	0.2347	0.0000	4,850.2727

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3587	0.0000	0.3587	0.1264	0.0000	0.1264	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2772	1.1700	1.9455	5.9100e-003		0.0412	0.0412		0.0412	0.0412	0.0000	552.9354	552.9354	0.0224	0.0000	553.4941
Total	0.2772	1.1700	1.9455	5.9100e-003	0.3587	0.0412	0.4000	0.1264	0.0412	0.1676	0.0000	552.9354	552.9354	0.0224	0.0000	553.4941

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.2731	9.3501	2.2575	0.0500	1.7535	0.0160	1.7695	0.4657	0.0153	0.4810	0.0000	4,836.1677	4,836.1677	0.2346	0.0000	4,842.0330
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2200e-003	1.7300e-003	0.0222	9.0000e-005	0.0136	6.0000e-005	0.0137	3.6200e-003	5.0000e-005	3.6700e-003	0.0000	8.2366	8.2366	1.2000e-004	0.0000	8.2397
Total	0.2763	9.3518	2.2797	0.0501	1.7671	0.0161	1.7832	0.4693	0.0154	0.4847	0.0000	4,844.4043	4,844.4043	0.2347	0.0000	4,850.2727

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	0.0602	0.3650	0.7432	1.4200e-003		6.8100e-003	6.8100e-003		6.8100e-003	6.8100e-003	0.0000	120.9161	120.9161	4.8500e-003	0.0000	121.0373
Total	0.0602	0.3650	0.7432	1.4200e-003		6.8100e-003	6.8100e-003		6.8100e-003	6.8100e-003	0.0000	120.9161	120.9161	4.8500e-003	0.0000	121.0373

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0666	2.7551	0.5241	0.0102	0.2635	2.6500e-003	0.2661	0.0760	2.5300e-003	0.0786	0.0000	981.4393	981.4393	0.0500	0.0000	982.6892
Worker	0.1927	0.1038	1.3280	5.4400e-003	0.8151	3.4600e-003	0.8186	0.2165	3.1900e-003	0.2197	0.0000	492.9958	492.9958	7.4000e-003	0.0000	493.1809
Total	0.2593	2.8590	1.8521	0.0157	1.0786	6.1100e-003	1.0847	0.2926	5.7200e-003	0.2983	0.0000	1,474.4352	1,474.4352	0.0574	0.0000	1,475.8701

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0602	0.3650	0.7432	1.4200e-003		6.8100e-003	6.8100e-003		6.8100e-003	6.8100e-003	0.0000	120.9159	120.9159	4.8500e-003	0.0000	121.0372
Total	0.0602	0.3650	0.7432	1.4200e-003		6.8100e-003	6.8100e-003		6.8100e-003	6.8100e-003	0.0000	120.9159	120.9159	4.8500e-003	0.0000	121.0372

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0666	2.7551	0.5241	0.0102	0.2635	2.6500e-003	0.2661	0.0760	2.5300e-003	0.0786	0.0000	981.4393	981.4393	0.0500	0.0000	982.6892
Worker	0.1927	0.1038	1.3280	5.4400e-003	0.8151	3.4600e-003	0.8186	0.2165	3.1900e-003	0.2197	0.0000	492.9958	492.9958	7.4000e-003	0.0000	493.1809
Total	0.2593	2.8590	1.8521	0.0157	1.0786	6.1100e-003	1.0847	0.2926	5.7200e-003	0.2983	0.0000	1,474.4352	1,474.4352	0.0574	0.0000	1,475.8701

3.4 Building Construction - 2032

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1886	7.8164	1.4817	0.0291	0.7504	7.4900e-003	0.7578	0.2165	7.1600e-003	0.2237	0.0000	2,791.4617	2,791.4617	0.1414	0.0000	2,794.9965
Worker	0.5044	0.2700	3.5431	0.0152	2.3213	9.1800e-003	2.3305	0.6166	8.4500e-003	0.6251	0.0000	1,375.8416	1,375.8416	0.0192	0.0000	1,376.3214
Total	0.6930	8.0863	5.0248	0.0443	3.0717	0.0167	3.0884	0.8332	0.0156	0.8488	0.0000	4,167.3033	4,167.3033	0.1606	0.0000	4,171.3179

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1886	7.8164	1.4817	0.0291	0.7504	7.4900e-003	0.7578	0.2165	7.1600e-003	0.2237	0.0000	2,791.4617	2,791.4617	0.1414	0.0000	2,794.9965
Worker	0.5044	0.2700	3.5431	0.0152	2.3213	9.1800e-003	2.3305	0.6166	8.4500e-003	0.6251	0.0000	1,375.8416	1,375.8416	0.0192	0.0000	1,376.3214
Total	0.6930	8.0863	5.0248	0.0443	3.0717	0.0167	3.0884	0.8332	0.0156	0.8488	0.0000	4,167.3033	4,167.3033	0.1606	0.0000	4,171.3179

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	0.0465	0.2817	0.5736	1.1000e-003		5.2600e-003	5.2600e-003		5.2600e-003	5.2600e-003	0.0000	93.3157	93.3157	3.7400e-003	0.0000	93.4093

Total	0.0465	0.2817	0.5736	1.1000e-003		5.2600e-003	5.2600e-003		5.2600e-003	5.2600e-003	0.0000	93.3157	93.3157	3.7400e-003	0.0000	93.4093
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0509	2.1110	0.3994	7.8800e-003	0.2033	2.0200e-003	0.2054	0.0587	1.9300e-003	0.0606	0.0000	755.8662	755.8662	0.0381	0.0000	756.8177
Worker	0.1263	0.0672	0.9043	4.0400e-003	0.6291	2.3200e-003	0.6314	0.1671	2.1400e-003	0.1692	0.0000	366.2185	366.2185	4.7600e-003	0.0000	366.3376
Total	0.1772	2.1782	1.3037	0.0119	0.8324	4.3400e-003	0.8367	0.2258	4.0700e-003	0.2298	0.0000	1,122.0847	1,122.0847	0.0428	0.0000	1,123.1552

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0465	0.2817	0.5736	1.1000e-003		5.2600e-003	5.2600e-003		5.2600e-003	5.2600e-003	0.0000	93.3156	93.3156	3.7400e-003	0.0000	93.4091
Total	0.0465	0.2817	0.5736	1.1000e-003		5.2600e-003	5.2600e-003		5.2600e-003	5.2600e-003	0.0000	93.3156	93.3156	3.7400e-003	0.0000	93.4091

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0509	2.1110	0.3994	7.8800e-003	0.2033	2.0200e-003	0.2054	0.0587	1.9300e-003	0.0606	0.0000	755.8662	755.8662	0.0381	0.0000	756.8177
Worker	0.1263	0.0672	0.9043	4.0400e-003	0.6291	2.3200e-003	0.6314	0.1671	2.1400e-003	0.1692	0.0000	366.2185	366.2185	4.7600e-003	0.0000	366.3376
Total	0.1772	2.1782	1.3037	0.0119	0.8324	4.3400e-003	0.8367	0.2258	4.0700e-003	0.2298	0.0000	1,122.0847	1,122.0847	0.0428	0.0000	1,123.1552

3.5 Paving - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0831	0.4272	0.9510	1.6800e-003		0.0198	0.0198		0.0198	0.0198	0.0000	144.5971	144.5971	6.7800e-003	0.0000	144.7666
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0831	0.4272	0.9510	1.6800e-003		0.0198	0.0198		0.0198	0.0198	0.0000	144.5971	144.5971	6.7800e-003	0.0000	144.7666

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	7.7000e-004	0.0104	5.0000e-005	7.2500e-003	3.0000e-005	7.2800e-003	1.9300e-003	2.0000e-005	1.9500e-003	0.0000	4.2221	4.2221	5.0000e-005	0.0000	4.2235
Total	1.4600e-003	7.7000e-004	0.0104	5.0000e-005	7.2500e-003	3.0000e-005	7.2800e-003	1.9300e-003	2.0000e-005	1.9500e-003	0.0000	4.2221	4.2221	5.0000e-005	0.0000	4.2235

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0831	0.4272	0.9510	1.6800e-003		0.0198	0.0198		0.0198	0.0198	0.0000	144.5969	144.5969	6.7800e-003	0.0000	144.7664
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0831	0.4272	0.9510	1.6800e-003		0.0198	0.0198		0.0198	0.0198	0.0000	144.5969	144.5969	6.7800e-003	0.0000	144.7664

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	7.7000e-004	0.0104	5.0000e-005	7.2500e-003	3.0000e-005	7.2800e-003	1.9300e-003	2.0000e-005	1.9500e-003	0.0000	4.2221	4.2221	5.0000e-005	0.0000	4.2235
Total	1.4600e-003	7.7000e-004	0.0104	5.0000e-005	7.2500e-003	3.0000e-005	7.2800e-003	1.9300e-003	2.0000e-005	1.9500e-003	0.0000	4.2221	4.2221	5.0000e-005	0.0000	4.2235

3.6 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.8674					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.9100e-003	0.0518	0.1088	1.8000e-004		1.2300e-003	1.2300e-003		1.2300e-003	1.2300e-003	0.0000	15.4472	15.4472	6.3000e-004	0.0000	15.4628
Total	3.8754	0.0518	0.1088	1.8000e-004		1.2300e-003	1.2300e-003		1.2300e-003	1.2300e-003	0.0000	15.4472	15.4472	6.3000e-004	0.0000	15.4628

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0431	0.0229	0.3084	1.3800e-003	0.2145	7.9000e-004	0.2153	0.0570	7.3000e-004	0.0577	0.0000	124.8806	124.8806	1.6200e-003	0.0000	124.9211
Total	0.0431	0.0229	0.3084	1.3800e-003	0.2145	7.9000e-004	0.2153	0.0570	7.3000e-004	0.0577	0.0000	124.8806	124.8806	1.6200e-003	0.0000	124.9211

Mitigated Construction On-Site

Off-Road	0.0169	0.1109	0.2328	3.8000e-004		2.6300e-003	2.6300e-003		2.6300e-003	2.6300e-003	0.0000	33.0646	33.0646	1.3400e-003	0.0000	33.0981
Total	8.2952	0.1109	0.2328	3.8000e-004		2.6300e-003	2.6300e-003		2.6300e-003	2.6300e-003	0.0000	33.0646	33.0646	1.3400e-003	0.0000	33.0981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0858	0.0455	0.6217	2.9000e-003	0.4592	1.5800e-003	0.4607	0.1220	1.4600e-003	0.1234	0.0000	263.1063	263.1063	3.1800e-003	0.0000	263.1857
Total	0.0858	0.0455	0.6217	2.9000e-003	0.4592	1.5800e-003	0.4607	0.1220	1.4600e-003	0.1234	0.0000	263.1063	263.1063	3.1800e-003	0.0000	263.1857

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.2782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1109	0.2328	3.8000e-004		2.6300e-003	2.6300e-003		2.6300e-003	2.6300e-003	0.0000	33.0646	33.0646	1.3400e-003	0.0000	33.0981
Total	8.2952	0.1109	0.2328	3.8000e-004		2.6300e-003	2.6300e-003		2.6300e-003	2.6300e-003	0.0000	33.0646	33.0646	1.3400e-003	0.0000	33.0981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0858	0.0455	0.6217	2.9000e-003	0.4592	1.5800e-003	0.4607	0.1220	1.4600e-003	0.1234	0.0000	263.1063	263.1063	3.1800e-003	0.0000	263.1857
Total	0.0858	0.0455	0.6217	2.9000e-003	0.4592	1.5800e-003	0.4607	0.1220	1.4600e-003	0.1234	0.0000	263.1063	263.1063	3.1800e-003	0.0000	263.1857

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00
General Heavy Industry	0.00	0.00	0.00
General Light Industry	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00
Manufacturing	0.00	0.00	0.00
Regional Shopping Center	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	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
Fast Food Restaurant w/o Drive	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
High Turnover (Sit Down Restaurant)	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Fast Food Restaurant w/o Drive Thru	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
General Heavy Industry	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
General Light Industry	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
High Turnover (Sit Down Restaurant)	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
Manufacturing	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
Regional Shopping Center	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
Unrefrigerated Warehouse-No Rail	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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
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Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Fast Food Restaurant w/o Drive Thru	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
General Heavy Industry	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
General Light Industry	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 Turnover (Sit Down Restaurant)	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
Manufacturing	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
Unrefrigerated Warehouse-No Drive Thru	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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant w/o Drive Thru	0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000

General Light Industry	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant w/o Drive-Thru	0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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	20.4725	4.3000e-004	0.0479	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0937	0.0937	2.4000e-004	0.0000	0.0997
Unmitigated	20.4725	4.3000e-004	0.0479	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0937	0.0937	2.4000e-004	0.0000	0.0997

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	20.4681					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.3800e-003	4.3000e-004	0.0479	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0937	0.0937	2.4000e-004	0.0000	0.0997
Total	20.4725	4.3000e-004	0.0479	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0937	0.0937	2.4000e-004	0.0000	0.0997

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
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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
Consumer Products	20.4681					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	4.3800e-003	4.3000e-004	0.0479	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0937	0.0937	2.4000e-004	0.0000	0.0997
Total	20.4725	4.3000e-004	0.0479	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0937	0.0937	2.4000e-004	0.0000	0.0997

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			
Fast Food Restaurant w/o	0 / 0	0.0000	0.0000	0.0000	0.0000

General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant w/o	0 / 0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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			
Fast Food Restaurant w/o Drive-Thru	0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000

Total		0.0000	0.0000	0.0000	0.0000
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Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant w/o Drive Thru	0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Drive Thru	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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase Two - Construction Only - San Bernardino-Mojave Desert County, Summer

SCLA Specific Plan - Phase Two - Construction Only
San Bernardino-Mojave Desert County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	962.50	1000sqft	208.94	962,500.00	0
General Light Industry	755.87	1000sqft	164.08	755,870.00	0
Manufacturing	870.92	1000sqft	189.06	870,920.00	0
Unrefrigerated Warehouse-No Rail	2,612.76	1000sqft	567.17	2,612,760.00	0
Fast Food Restaurant w/o Drive Thru	3.80	1000sqft	0.82	3,800.00	0
High Turnover (Sit Down Restaurant)	12.00	1000sqft	2.60	12,000.00	0
Regional Shopping Center	23.00	1000sqft	4.99	23,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2035
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction run only.

Land Use - Phase two building development, total lot acreage is from the Specific Plan (1137.66).

Construction Phase - anticipated Construction Schedule over 5 years.

Grading - Cut and Fill is balanced.

Architectural Coating - MDAQMD Rule 1113. 50g/L VOC content

Vehicle Trips - Construction only - no operational emissions.

Woodstoves - Construction Only - No Operational Emissions.

Consumer Products - Construction only - no operational emissions.

Area Coating - Construction Only - No Operational Emissions.

Landscape Equipment - Construction Only - No Operational Emissions.

Energy Use - Construction Only - No Operational Emissions.

Water And Wastewater - Construction Only - No Operational Emissions.

Solid Waste - Construction Only - No Operational Emissions.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	2620425	0
tblAreaCoating	Area_Nonresidential_Interior	7861275	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	380.00
tblConstructionPhase	NumDays	155,000.00	425.00
tblConstructionPhase	NumDays	15,500.00	270.00
tblConstructionPhase	NumDays	11,000.00	120.00
tblConstructionPhase	NumDays	6,000.00	160.00
tblEnergyUse	LightingElect	6.62	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	6.62	0.00

tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	12.38	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	12.38	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	77.67	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	77.67	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	1.92	0.00

tblEnergyUse	T24NG	2.00	0.00
tblGrading	AcresOfGrading	675.00	775.00
tblGrading	MaterialExported	0.00	1,136,250.00
tblGrading	MaterialImported	0.00	1,136,250.00
tblLandUse	LotAcreage	22.10	208.94
tblLandUse	LotAcreage	17.35	164.08
tblLandUse	LotAcreage	19.99	189.06
tblLandUse	LotAcreage	59.98	567.17
tblLandUse	LotAcreage	0.09	0.82
tblLandUse	LotAcreage	0.28	2.60
tblLandUse	LotAcreage	0.53	4.99
tblSolidWaste	SolidWasteGenerationRate	43.77	0.00
tblSolidWaste	SolidWasteGenerationRate	1,193.50	0.00
tblSolidWaste	SolidWasteGenerationRate	937.28	0.00
tblSolidWaste	SolidWasteGenerationRate	142.80	0.00
tblSolidWaste	SolidWasteGenerationRate	1,079.94	0.00
tblSolidWaste	SolidWasteGenerationRate	24.15	0.00
tblSolidWaste	SolidWasteGenerationRate	2,455.99	0.00
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	ST_TR	1.50	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	500.00	0.00
tblVehicleTrips	SU_TR	1.50	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	0.62	0.00

tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	716.00	0.00
tblVehicleTrips	WD_TR	1.50	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	1,153,428.11	0.00
tblWater	IndoorWaterUseRate	222,578,125.00	0.00
tblWater	IndoorWaterUseRate	174,794,937.50	0.00
tblWater	IndoorWaterUseRate	3,642,404.55	0.00
tblWater	IndoorWaterUseRate	201,400,250.00	0.00
tblWater	IndoorWaterUseRate	1,703,667.99	0.00
tblWater	IndoorWaterUseRate	604,200,750.00	0.00
tblWater	OutdoorWaterUseRate	73,623.07	0.00
tblWater	OutdoorWaterUseRate	232,493.91	0.00
tblWater	OutdoorWaterUseRate	1,044,183.61	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					
2030	6.4733	123.1951	48.6304	0.6697	42.2015	0.6786	42.8801	12.1932	0.6704	12.8635	0.0000	71,124.4131	71,124.4131	3.2697	0.0000	71,206.1564

2031	7.3988	123.1386	60.3640	0.6693	30.3666	0.6775	31.0441	9.2882	0.6693	9.9575	0.0000	71,094.5555	71,094.5555	3.2562	0.0000	71,175.9599
2032	7.0107	69.3017	58.2294	0.3829	23.8830	0.2750	24.1580	6.4667	0.2669	6.7336	0.0000	39,371.0172	39,371.0172	1.4325	0.0000	39,406.8306
2033	66.2608	68.9577	56.3961	0.3805	23.8829	0.3645	24.1529	6.4667	0.3634	6.7289	0.0000	39,129.5966	39,129.5966	1.4102	0.0000	39,164.8510
2034	64.7926	1.1756	7.4361	0.0274	3.6145	0.0325	3.6470	0.9587	0.0316	0.9903	0.0000	2,724.5174	2,724.5174	0.0414	0.0000	2,725.5535
Maximum	66.2608	123.1951	60.3640	0.6697	42.2015	0.6786	42.8801	12.1932	0.6704	12.8635	0.0000	71,124.4131	71,124.4131	3.2697	0.0000	71,206.1564

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					
2030	6.4733	123.1951	48.6304	0.6697	36.6712	0.6786	37.3498	9.9734	0.6704	10.6438	0.0000	71,124.4131	71,124.4131	3.2697	0.0000	71,206.1564
2031	7.3988	123.1386	60.3640	0.6693	24.8363	0.6775	25.5138	7.0685	0.6693	7.7378	0.0000	71,094.5555	71,094.5555	3.2562	0.0000	71,175.9599
2032	7.0107	69.3017	58.2294	0.3829	23.8830	0.2750	24.1580	6.4667	0.2669	6.7336	0.0000	39,371.0172	39,371.0172	1.4325	0.0000	39,406.8306
2033	66.2608	68.9577	56.3961	0.3805	23.8829	0.3645	24.1529	6.4667	0.3634	6.7289	0.0000	39,129.5966	39,129.5966	1.4102	0.0000	39,164.8510
2034	64.7926	1.1756	7.4361	0.0274	3.6145	0.0325	3.6470	0.9587	0.0316	0.9903	0.0000	2,724.5174	2,724.5174	0.0414	0.0000	2,725.5535
Maximum	66.2608	123.1951	60.3640	0.6697	36.6712	0.6786	37.3498	9.9734	0.6704	10.6438	0.0000	71,124.4131	71,124.4131	3.2697	0.0000	71,206.1564

	ROG	NOx	CO	SO2	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	8.92	0.00	8.79	12.55	0.00	11.91	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Area	112.2029	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003			1.1470	1.1470	2.9500e-003		1.2209
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	112.2029	4.7800e-003	0.5320	4.0000e-005	0.0000	1.8900e-003	1.8900e-003	0.0000	1.8900e-003	1.8900e-003			1.1470	1.1470	2.9500e-003	0.0000	1.2209

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	112.2029	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003			1.1470	1.1470	2.9500e-003		1.2209
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	112.2029	4.7800e-003	0.5320	4.0000e-005	0.0000	1.8900e-003	1.8900e-003	0.0000	1.8900e-003	1.8900e-003			1.1470	1.1470	2.9500e-003	0.0000	1.2209

	ROG	NOx	CO	SO2	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	1/1/2030	8/12/2030	5	160	
2	Grading	Grading	8/13/2030	8/25/2031	5	270	
3	Building Construction	Building Construction	8/26/2031	4/11/2033	5	425	
4	Paving	Paving	4/12/2033	9/26/2033	5	120	
5	Architectural Coating	Architectural Coating	7/15/2033	12/28/2034	5	380	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,861,275; Non-Residential Outdoor: 2,620,425; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	224,693.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,199.00	859.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	440.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4399	13.6680	16.2918	0.0466		0.4367	0.4367		0.4367	0.4367		4,409.7537	4,409.7537	0.2176		4,415.1936
Total	2.4399	13.6680	16.2918	0.0466	18.0663	0.4367	18.5029	9.9307	0.4367	10.3673		4,409.7537	4,409.7537	0.2176		4,415.1936

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0418	0.0185	0.2931	1.0800e-003	0.1479	6.6000e-004	0.1485	0.0392	6.1000e-004	0.0398		107.6962	107.6962	1.7600e-003		107.7401
Total	0.0418	0.0185	0.2931	1.0800e-003	0.1479	6.6000e-004	0.1485	0.0392	6.1000e-004	0.0398		107.6962	107.6962	1.7600e-003		107.7401

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	2.4399	13.6680	16.2918	0.0466		0.4367	0.4367		0.4367	0.4367	0.0000	4,409.7537	4,409.7537	0.2176		4,415.1936
Total	2.4399	13.6680	16.2918	0.0466	7.0458	0.4367	7.4825	3.8730	0.4367	4.3096	0.0000	4,409.7537	4,409.7537	0.2176		4,415.1936

Mitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0418	0.0185	0.2931	1.0800e-003	0.1479	6.6000e-004	0.1485	0.0392	6.1000e-004	0.0398	107.6962	107.6962	1.7600e-003	107.7401	
Total	0.0418	0.0185	0.2931	1.0800e-003	0.1479	6.6000e-004	0.1485	0.0392	6.1000e-004	0.0398	107.6962	107.6962	1.7600e-003	107.7401	

3.3 Grading - 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					
Fugitive Dust					9.0661	0.0000	9.0661	3.6389	0.0000	3.6389			0.0000			0.0000
Off-Road	3.2807	13.8462	23.0239	0.0699		0.4879	0.4879		0.4879	0.4879		7,213.1086	7,213.1086	0.2915		7,220.3963
Total	3.2807	13.8462	23.0239	0.0699	9.0661	0.4879	9.5540	3.6389	0.4879	4.1268		7,213.1086	7,213.1086	0.2915		7,220.3963

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1462	109.3285	25.2808	0.5986	32.9711	0.1900	33.1610	8.5107	0.1817	8.6924		63,791.6422	63,791.6422	2.9763		63,866.0489
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0464	0.0205	0.3257	1.2000e-003	0.1643	7.3000e-004	0.1650	0.0436	6.7000e-004	0.0443		119.6624	119.6624	1.9500e-003		119.7112
Total	3.1926	109.3490	25.6065	0.5998	33.1354	0.1907	33.3261	8.5543	0.1824	8.7367		63,911.3046	63,911.3046	2.9782		63,985.7601

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	lb/day										lb/day					
Fugitive Dust					3.5358	0.0000	3.5358	1.4192	0.0000	1.4192			0.0000			0.0000
Off-Road	3.2807	13.8462	23.0239	0.0699		0.4879	0.4879		0.4879	0.4879	0.0000	7,213.1086	7,213.1086	0.2915		7,220.3963
Total	3.2807	13.8462	23.0239	0.0699	3.5358	0.4879	4.0237	1.4192	0.4879	1.9071	0.0000	7,213.1086	7,213.1086	0.2915		7,220.3963

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1462	109.3285	25.2808	0.5986	32.9711	0.1900	33.1610	8.5107	0.1817	8.6924		63,791.6422	63,791.6422	2.9763		63,866.0489
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0464	0.0205	0.3257	1.2000e-003	0.1643	7.3000e-004	0.1650	0.0436	6.7000e-004	0.0443		119.6624	119.6624	1.9500e-003		119.7112
Total	3.1926	109.3490	25.6065	0.5998	33.1354	0.1907	33.3261	8.5543	0.1824	8.7367		63,911.3046	63,911.3046	2.9782		63,985.7601

3.3 Grading - 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
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Category	lb/day										lb/day					
Fugitive Dust					9.0661	0.0000	9.0661	3.6389	0.0000	3.6389			0.0000			0.0000
Off-Road	3.2807	13.8462	23.0239	0.0699		0.4879	0.4879		0.4879	0.4879	7,213.1086	7,213.1086	0.2915			7,220.3963
Total	3.2807	13.8462	23.0239	0.0699	9.0661	0.4879	9.5540	3.6389	0.4879	4.1268	7,213.1086	7,213.1086	0.2915			7,220.3963

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	3.1719	109.2738	25.5602	0.5982	21.1362	0.1889	21.3251	5.6057	0.1807	5.7864		63,764.2698	63,764.2698	2.9629			63,838.3419
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0425	0.0186	0.3063	1.1700e-003	0.1643	6.8000e-004	0.1650	0.0436	6.3000e-004	0.0442		117.1771	117.1771	1.7800e-003			117.2217
Total	3.2144	109.2925	25.8665	0.5994	21.3005	0.1896	21.4900	5.6493	0.1813	5.8307		63,881.4469	63,881.4469	2.9647			63,955.5636

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.5358	0.0000	3.5358	1.4192	0.0000	1.4192			0.0000			0.0000	
Off-Road	3.2807	13.8462	23.0239	0.0699		0.4879	0.4879		0.4879	0.4879	0.0000	7,213.1086	7,213.1086	0.2915			7,220.3963

Total	3.2807	13.8462	23.0239	0.0699	3.5358	0.4879	4.0237	1.4192	0.4879	1.9071	0.0000	7,213.1086	7,213.1086	0.2915		7,220.3963
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1719	109.2738	25.5602	0.5982	21.1362	0.1889	21.3251	5.6057	0.1807	5.7864		63,764.2698	63,764.2698	2.9629		63,838.3419
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0425	0.0186	0.3063	1.1700e-003	0.1643	6.8000e-004	0.1650	0.0436	6.3000e-004	0.0442		117.1771	117.1771	1.7800e-003		117.2217
Total	3.2144	109.2925	25.8665	0.5994	21.3005	0.1896	21.4900	5.6493	0.1813	5.8307		63,881.4469	63,881.4469	2.9647		63,955.5636

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	1.4131	59.7125	10.5245	0.2258	5.8187	0.0572	5.8759	1.6752	0.0547	1.7299		23,876.2990	23,876.2990	1.1453			23,904.9304
Worker	4.6765	2.0491	33.6826	0.1291	18.0643	0.0753	18.1396	4.7915	0.0692	4.8607		12,883.6233	12,883.6233	0.1962			12,888.5284
Total	6.0896	61.7616	44.2070	0.3549	23.8830	0.1325	24.0155	6.4667	0.1239	6.5906		36,759.9223	36,759.9223	1.3415			36,793.4588

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162			2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162			2,900.4529

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4131	59.7125	10.5245	0.2258	5.8187	0.0572	5.8759	1.6752	0.0547	1.7299		23,876.2990	23,876.2990	1.1453		23,904.9304
Worker	4.6765	2.0491	33.6826	0.1291	18.0643	0.0753	18.1396	4.7915	0.0692	4.8607		12,883.6233	12,883.6233	0.1962		12,888.5284
Total	6.0896	61.7616	44.2070	0.3549	23.8830	0.1325	24.0155	6.4667	0.1239	6.5906		36,759.9223	36,759.9223	1.3415		36,793.4588

3.4 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4037	59.4947	10.4460	0.2255	5.8187	0.0568	5.8755	1.6752	0.0543	1.7295		23,846.6285	23,846.6285	1.1374		23,875.0636
Worker	4.2979	1.8723	31.6264	0.1265	18.0643	0.0701	18.1344	4.7915	0.0645	4.8560		12,626.8419	12,626.8419	0.1789		12,631.3141
Total	5.7016	61.3670	42.0724	0.3520	23.8830	0.1269	24.0098	6.4667	0.1187	6.5854		36,473.4705	36,473.4705	1.3163		36,506.3777

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4037	59.4947	10.4460	0.2255	5.8187	0.0568	5.8755	1.6752	0.0543	1.7295		23,846.6285	23,846.6285	1.1374		23,875.0636
Worker	4.2979	1.8723	31.6264	0.1265	18.0643	0.0701	18.1344	4.7915	0.0645	4.8560		12,626.8419	12,626.8419	0.1789		12,631.3141
Total	5.7016	61.3670	42.0724	0.3520	23.8830	0.1269	24.0098	6.4667	0.1187	6.5854		36,473.4705	36,473.4705	1.3163		36,506.3777

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3975	59.3020	10.3887	0.2253	5.8187	0.0564	5.8750	1.6752	0.0539	1.7291		23,828.3815	23,828.3815	1.1299		23,856.6292
Worker	3.9678	1.7211	29.8505	0.1243	18.0643	0.0654	18.1297	4.7915	0.0602	4.8517		12,403.6683	12,403.6683	0.1640		12,407.7689
Total	5.3654	61.0231	40.2391	0.3495	23.8829	0.1218	24.0047	6.4667	0.1141	6.5808		36,232.0499	36,232.0499	1.2939		36,264.3981

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3975	59.3020	10.3887	0.2253	5.8187	0.0564	5.8750	1.6752	0.0539	1.7291		23,828.3815	23,828.3815	1.1299		23,856.6292
Worker	3.9678	1.7211	29.8505	0.1243	18.0643	0.0654	18.1297	4.7915	0.0602	4.8517		12,403.6683	12,403.6683	0.1640		12,407.7689
Total	5.3654	61.0231	40.2391	0.3495	23.8829	0.1218	24.0047	6.4667	0.1141	6.5808		36,232.0499	36,232.0499	1.2939		36,264.3981

3.5 Paving - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0271	0.0117	0.2036	8.5000e-004	0.1232	4.5000e-004	0.1237	0.0327	4.1000e-004	0.0331		84.6089	84.6089	1.1200e-003		84.6369
Total	0.0271	0.0117	0.2036	8.5000e-004	0.1232	4.5000e-004	0.1237	0.0327	4.1000e-004	0.0331		84.6089	84.6089	1.1200e-003		84.6369

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0271	0.0117	0.2036	8.5000e-004	0.1232	4.5000e-004	0.1237	0.0327	4.1000e-004	0.0331		84.6089	84.6089	1.1200e-003		84.6369
Total	0.0271	0.0117	0.2036	8.5000e-004	0.1232	4.5000e-004	0.1237	0.0327	4.1000e-004	0.0331		84.6089	84.6089	1.1200e-003		84.6369

3.6 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.9246					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		281.7328
Total	64.0553	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7939	0.3444	5.9728	0.0249	3.6145	0.0131	3.6276	0.9587	0.0120	0.9708		2,481.8618	2,481.8618	0.0328		2,482.6823
Total	0.7939	0.3444	5.9728	0.0249	3.6145	0.0131	3.6276	0.9587	0.0120	0.9708		2,481.8618	2,481.8618	0.0328		2,482.6823

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.9246					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	0.0000	281.4481	281.4481	0.0114		281.7328
Total	64.0553	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7939	0.3444	5.9728	0.0249	3.6145	0.0131	3.6276	0.9587	0.0120	0.9708		2,481.8618	2,481.8618	0.0328		2,482.6823
Total	0.7939	0.3444	5.9728	0.0249	3.6145	0.0131	3.6276	0.9587	0.0120	0.9708		2,481.8618	2,481.8618	0.0328		2,482.6823

3.6 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.9246						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		281.4481	281.4481	0.0114		281.7328
Total	64.0553	0.8563	1.7977	2.9700e-003			0.0203	0.0203		0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7373	0.3193	5.6383	0.0245	3.6145	0.0122	3.6267	0.9587	0.0113	0.9700		2,443.0693	2,443.0693	0.0301		2,443.8207
Total	0.7373	0.3193	5.6383	0.0245	3.6145	0.0122	3.6267	0.9587	0.0113	0.9700		2,443.0693	2,443.0693	0.0301		2,443.8207

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.9246						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	0.0000	281.4481	281.4481	0.0114		281.7328
Total	64.0553	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7373	0.3193	5.6383	0.0245	3.6145	0.0122	3.6267	0.9587	0.0113	0.9700		2,443.0693	2,443.0693	0.0301		2,443.8207
Total	0.7373	0.3193	5.6383	0.0245	3.6145	0.0122	3.6267	0.9587	0.0113	0.9700		2,443.0693	2,443.0693	0.0301		2,443.8207

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 Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
General Heavy Industry	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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
Fast Food Restaurant w/o Drive Thru	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
High Turnover (Sit Down Restaurant)	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Fast Food Restaurant w/o Drive Thru	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
General Heavy Industry	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
General Light Industry	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
High Turnover (Sit Down Restaurant)	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
Manufacturing	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
Regional Shopping Center	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
Unrefrigerated Warehouse-No Rail	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551

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					
Fast Food Restaurant w/o Drive Thru	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	
General Heavy Industry	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	
General Light Industry	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	
High Turnover (Sit Down Restaurant)	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	
Manufacturing	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	

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	0.0000	0.0000
Unrefrigerated Warehouse-No	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	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

Mitigated

Land Use	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	kBTU/yr	lb/day										lb/day					
Fast Food Restaurant w/o	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 Heavy Industry	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 Light Industry	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 Turnover (Sit Down Restaurant)	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
Manufacturing	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
Unrefrigerated Warehouse-No	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	112.2029	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		1.1470	1.1470	2.9500e-003		1.2209
Unmitigated	112.2029	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		1.1470	1.1470	2.9500e-003		1.2209

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	112.1542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0487	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		1.1470	1.1470	2.9500e-003		1.2209
Total	112.2029	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		1.1470	1.1470	2.9500e-003		1.2209

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	112.1542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Landscaping	0.0487	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		1.1470	1.1470	2.9500e-003		1.2209
Total	112.2029	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		1.1470	1.1470	2.9500e-003		1.2209

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase Two - Construction Only - San Bernardino-Mojave Desert County, Winter

SCLA Specific Plan - Phase Two - Construction Only
San Bernardino-Mojave Desert County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	962.50	1000sqft	208.94	962,500.00	0
General Light Industry	755.87	1000sqft	164.08	755,870.00	0
Manufacturing	870.92	1000sqft	189.06	870,920.00	0
Unrefrigerated Warehouse-No Rail	2,612.76	1000sqft	567.17	2,612,760.00	0
Fast Food Restaurant w/o Drive Thru	3.80	1000sqft	0.82	3,800.00	0
High Turnover (Sit Down Restaurant)	12.00	1000sqft	2.60	12,000.00	0
Regional Shopping Center	23.00	1000sqft	4.99	23,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2035
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction run only.

Land Use - Phase two building development, total lot acreage is from the Specific Plan (1137.66).

Construction Phase - anticipated Construction Schedule over 5 years.

Grading - Cut and Fill is balanced.

Architectural Coating - MDAQMD Rule 1113. 50g/L VOC content

Vehicle Trips - Construction only - no operational emissions.

Woodstoves - Construction Only - No Operational Emissions.

Consumer Products - Construction only - no operational emissions.

Area Coating - Construction Only - No Operational Emissions.

Landscape Equipment - Construction Only - No Operational Emissions.

Energy Use - Construction Only - No Operational Emissions.

Water And Wastewater - Construction Only - No Operational Emissions.

Solid Waste - Construction Only - No Operational Emissions.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	2620425	0
tblAreaCoating	Area_Nonresidential_Interior	7861275	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	380.00
tblConstructionPhase	NumDays	155,000.00	425.00
tblConstructionPhase	NumDays	15,500.00	270.00
tblConstructionPhase	NumDays	11,000.00	120.00
tblConstructionPhase	NumDays	6,000.00	160.00
tblEnergyUse	LightingElect	6.62	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	6.62	0.00

tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	12.38	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	12.38	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	77.67	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	77.67	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	1.92	0.00

tblEnergyUse	T24NG	2.00	0.00
tblGrading	AcresOfGrading	675.00	775.00
tblGrading	MaterialExported	0.00	1,136,250.00
tblGrading	MaterialImported	0.00	1,136,250.00
tblLandUse	LotAcreage	22.10	208.94
tblLandUse	LotAcreage	17.35	164.08
tblLandUse	LotAcreage	19.99	189.06
tblLandUse	LotAcreage	59.98	567.17
tblLandUse	LotAcreage	0.09	0.82
tblLandUse	LotAcreage	0.28	2.60
tblLandUse	LotAcreage	0.53	4.99
tblSolidWaste	SolidWasteGenerationRate	43.77	0.00
tblSolidWaste	SolidWasteGenerationRate	1,193.50	0.00
tblSolidWaste	SolidWasteGenerationRate	937.28	0.00
tblSolidWaste	SolidWasteGenerationRate	142.80	0.00
tblSolidWaste	SolidWasteGenerationRate	1,079.94	0.00
tblSolidWaste	SolidWasteGenerationRate	24.15	0.00
tblSolidWaste	SolidWasteGenerationRate	2,455.99	0.00
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	ST_TR	1.50	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	500.00	0.00
tblVehicleTrips	SU_TR	1.50	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	0.62	0.00

tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	716.00	0.00
tblVehicleTrips	WD_TR	1.50	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	1,153,428.11	0.00
tblWater	IndoorWaterUseRate	222,578,125.00	0.00
tblWater	IndoorWaterUseRate	174,794,937.50	0.00
tblWater	IndoorWaterUseRate	3,642,404.55	0.00
tblWater	IndoorWaterUseRate	201,400,250.00	0.00
tblWater	IndoorWaterUseRate	1,703,667.99	0.00
tblWater	IndoorWaterUseRate	604,200,750.00	0.00
tblWater	OutdoorWaterUseRate	73,623.07	0.00
tblWater	OutdoorWaterUseRate	232,493.91	0.00
tblWater	OutdoorWaterUseRate	1,044,183.61	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					
2030	6.6154	122.5099	51.1589	0.6544	42.2015	0.6808	42.8823	12.1932	0.6724	12.8656	0.0000	69,498.7191	69,498.7191	3.4970	0.0000	69,586.1432

2031	7.4728	122.4645	55.8695	0.6541	30.3666	0.6795	31.0461	9.2882	0.6712	9.9594	0.0000	69,473.10 87	69,473.108 7	3.4811	0.0000	69,560.13 61
2032	7.0885	68.6064	54.0420	0.3619	23.8830	0.2760	24.1590	6.4667	0.2678	6.7345	0.0000	37,222.38 37	37,222.383 7	1.5299	0.0000	37,260.63 21
2033	66.2601	68.2480	52.4773	0.3597	23.8829	0.3645	24.1538	6.4667	0.3634	6.7298	0.0000	37,001.76 65	37,001.766 5	1.5081	0.0000	37,039.46 97
2034	64.7939	1.1892	6.3713	0.0249	3.6145	0.0325	3.6470	0.9587	0.0316	0.9903	0.0000	2,473.055 8	2,473.0558	0.0378	0.0000	2,474.000 5
Maximum	66.2601	122.5099	55.8695	0.6544	42.2015	0.6808	42.8823	12.1932	0.6724	12.8656	0.0000	69,498.71 91	69,498.719 1	3.4970	0.0000	69,586.14 32

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					
2030	6.6154	122.5099	51.1589	0.6544	36.6712	0.6808	37.3520	9.9734	0.6724	10.6459	0.0000	69,498.71 91	69,498.719 1	3.4970	0.0000	69,586.14 32
2031	7.4728	122.4645	55.8695	0.6541	24.8363	0.6795	25.5158	7.0685	0.6712	7.7397	0.0000	69,473.10 87	69,473.108 7	3.4811	0.0000	69,560.13 61
2032	7.0885	68.6064	54.0420	0.3619	23.8830	0.2760	24.1590	6.4667	0.2678	6.7345	0.0000	37,222.38 37	37,222.383 7	1.5299	0.0000	37,260.63 21
2033	66.2601	68.2480	52.4773	0.3597	23.8829	0.3645	24.1538	6.4667	0.3634	6.7298	0.0000	37,001.76 65	37,001.766 5	1.5081	0.0000	37,039.46 97
2034	64.7939	1.1892	6.3713	0.0249	3.6145	0.0325	3.6470	0.9587	0.0316	0.9903	0.0000	2,473.055 8	2,473.0558	0.0378	0.0000	2,474.000 5
Maximum	66.2601	122.5099	55.8695	0.6544	36.6712	0.6808	37.3520	9.9734	0.6724	10.6459	0.0000	69,498.71 91	69,498.719 1	3.4970	0.0000	69,586.14 32

	ROG	NOx	CO	SO2	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	8.92	0.00	8.79	12.55	0.00	11.91	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Area	112.2029	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003			1.1470	1.1470	2.9500e-003		1.2209
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	112.2029	4.7800e-003	0.5320	4.0000e-005	0.0000	1.8900e-003	1.8900e-003	0.0000	1.8900e-003	1.8900e-003			1.1470	1.1470	2.9500e-003	0.0000	1.2209

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	112.2029	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003			1.1470	1.1470	2.9500e-003		1.2209
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	112.2029	4.7800e-003	0.5320	4.0000e-005	0.0000	1.8900e-003	1.8900e-003	0.0000	1.8900e-003	1.8900e-003			1.1470	1.1470	2.9500e-003	0.0000	1.2209

	ROG	NOx	CO	SO2	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	1/1/2030	8/12/2030	5	160	
2	Grading	Grading	8/13/2030	8/25/2031	5	270	
3	Building Construction	Building Construction	8/26/2031	4/11/2033	5	425	
4	Paving	Paving	4/12/2033	9/26/2033	5	120	
5	Architectural Coating	Architectural Coating	7/15/2033	12/28/2034	5	380	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,861,275; Non-Residential Outdoor: 2,620,425; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	224,693.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,199.00	859.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	440.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4399	13.6680	16.2918	0.0466		0.4367	0.4367		0.4367	0.4367		4,409.7537	4,409.7537	0.2176		4,415.1936
Total	2.4399	13.6680	16.2918	0.0466	18.0663	0.4367	18.5029	9.9307	0.4367	10.3673		4,409.7537	4,409.7537	0.2176		4,415.1936

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0416	0.0193	0.2403	9.7000e-004	0.1479	6.6000e-004	0.1485	0.0392	6.1000e-004	0.0398		96.6641	96.6641	1.5500e-003		96.7030
Total	0.0416	0.0193	0.2403	9.7000e-004	0.1479	6.6000e-004	0.1485	0.0392	6.1000e-004	0.0398		96.6641	96.6641	1.5500e-003		96.7030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	2.4399	13.6680	16.2918	0.0466		0.4367	0.4367		0.4367	0.4367	0.0000	4,409.7537	4,409.7537	0.2176		4,415.1936
Total	2.4399	13.6680	16.2918	0.0466	7.0458	0.4367	7.4825	3.8730	0.4367	4.3096	0.0000	4,409.7537	4,409.7537	0.2176		4,415.1936

Mitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0193	0.2403	9.7000e-004	0.1479	6.6000e-004	0.1485	0.0392	6.1000e-004	0.0398		96.6641	96.6641	1.5500e-003	96.7030
Total	0.0416	0.0193	0.2403	9.7000e-004	0.1479	6.6000e-004	0.1485	0.0392	6.1000e-004	0.0398		96.6641	96.6641	1.5500e-003	96.7030

3.3 Grading - 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					
Fugitive Dust					9.0661	0.0000	9.0661	3.6389	0.0000	3.6389			0.0000			0.0000
Off-Road	3.2807	13.8462	23.0239	0.0699		0.4879	0.4879		0.4879	0.4879		7,213.1086	7,213.1086	0.2915		7,220.3963
Total	3.2807	13.8462	23.0239	0.0699	9.0661	0.4879	9.5540	3.6389	0.4879	4.1268		7,213.1086	7,213.1086	0.2915		7,220.3963

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.2885	108.6423	27.8681	0.5834	32.9711	0.1921	33.1632	8.5107	0.1838	8.6945		62,178.2060	62,178.2060	3.2037		62,258.2992
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0463	0.0215	0.2670	1.0800e-003	0.1643	7.3000e-004	0.1650	0.0436	6.7000e-004	0.0443		107.4045	107.4045	1.7300e-003		107.4477
Total	3.3347	108.6638	28.1350	0.5845	33.1354	0.1929	33.3282	8.5543	0.1845	8.7388		62,285.6105	62,285.6105	3.2055		62,365.7469

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.5358	0.0000	3.5358	1.4192	0.0000	1.4192			0.0000			0.0000
Off-Road	3.2807	13.8462	23.0239	0.0699		0.4879	0.4879		0.4879	0.4879	0.0000	7,213.1086	7,213.1086	0.2915		7,220.3963
Total	3.2807	13.8462	23.0239	0.0699	3.5358	0.4879	4.0237	1.4192	0.4879	1.9071	0.0000	7,213.1086	7,213.1086	0.2915		7,220.3963

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.2885	108.6423	27.8681	0.5834	32.9711	0.1921	33.1632	8.5107	0.1838	8.6945		62,178.2060	62,178.2060	3.2037		62,258.2992
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0463	0.0215	0.2670	1.0800e-003	0.1643	7.3000e-004	0.1650	0.0436	6.7000e-004	0.0443		107.4045	107.4045	1.7300e-003		107.4477
Total	3.3347	108.6638	28.1350	0.5845	33.1354	0.1929	33.3282	8.5543	0.1845	8.7388		62,285.6105	62,285.6105	3.2055		62,365.7469

3.3 Grading - 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
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Category	lb/day										lb/day					
Fugitive Dust					9.0661	0.0000	9.0661	3.6389	0.0000	3.6389			0.0000			0.0000
Off-Road	3.2807	13.8462	23.0239	0.0699		0.4879	0.4879		0.4879	0.4879	7,213.1086	7,213.1086	0.2915			7,220.3963
Total	3.2807	13.8462	23.0239	0.0699	9.0661	0.4879	9.5540	3.6389	0.4879	4.1268	7,213.1086	7,213.1086	0.2915			7,220.3963

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	3.3138	108.5989	28.1416	0.5831	21.1362	0.1909	21.3271	5.6057	0.1826	5.7884		62,154.8468	62,154.8468	3.1880			62,234.5470
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0424	0.0195	0.2504	1.0500e-003	0.1643	6.8000e-004	0.1650	0.0436	6.3000e-004	0.0442		105.1534	105.1534	1.5800e-003			105.1928
Total	3.3562	108.6183	28.3919	0.5841	21.3005	0.1916	21.4920	5.6493	0.1833	5.8326		62,260.0002	62,260.0002	3.1896			62,339.7398

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.5358	0.0000	3.5358	1.4192	0.0000	1.4192			0.0000			0.0000	
Off-Road	3.2807	13.8462	23.0239	0.0699		0.4879	0.4879		0.4879	0.4879	0.0000	7,213.1086	7,213.1086	0.2915			7,220.3963

Total	3.2807	13.8462	23.0239	0.0699	3.5358	0.4879	4.0237	1.4192	0.4879	1.9071	0.0000	7,213.1086	7,213.1086	0.2915		7,220.3963
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.3138	108.5989	28.1416	0.5831	21.1362	0.1909	21.3271	5.6057	0.1826	5.7884		62,154.8468	62,154.8468	3.1880		62,234.5470
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0424	0.0195	0.2504	1.0500e-003	0.1643	6.8000e-004	0.1650	0.0436	6.3000e-004	0.0442		105.1534	105.1534	1.5800e-003		105.1928
Total	3.3562	108.6183	28.3919	0.5841	21.3005	0.1916	21.4920	5.6493	0.1833	5.8326		62,260.0002	62,260.0002	3.1896		62,339.7398

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4990	58.9398	12.1864	0.2177	5.8187	0.0582	5.8770	1.6752	0.0557	1.7309		23,024.4202	23,024.4202	1.2648		23,056.0407
Worker	4.6647	2.1421	27.5261	0.1158	18.0643	0.0753	18.1396	4.7915	0.0692	4.8607		11,561.6123	11,561.6123	0.1732		11,565.9428
Total	6.1637	61.0819	39.7125	0.3336	23.8830	0.1335	24.0165	6.4667	0.1249	6.5916		34,586.0324	34,586.0324	1.4380		34,621.9834

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4990	58.9398	12.1864	0.2177	5.8187	0.0582	5.8770	1.6752	0.0557	1.7309		23,024.4202	23,024.4202	1.2648		23,056.0407
Worker	4.6647	2.1421	27.5261	0.1158	18.0643	0.0753	18.1396	4.7915	0.0692	4.8607		11,561.6123	11,561.6123	0.1732		11,565.9428
Total	6.1637	61.0819	39.7125	0.3336	23.8830	0.1335	24.0165	6.4667	0.1249	6.5916		34,586.0324	34,586.0324	1.4380		34,621.9834

3.4 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4895	58.7166	12.1053	0.2174	5.8187	0.0578	5.8765	1.6752	0.0552	1.7304		22,995.1352	22,995.1352	1.2560		23,026.5352
Worker	4.2899	1.9552	25.7798	0.1135	18.0643	0.0701	18.1344	4.7915	0.0645	4.8560		11,329.7017	11,329.7017	0.1577		11,333.6440
Total	5.7794	60.6718	37.8850	0.3309	23.8830	0.1279	24.0108	6.4667	0.1197	6.5864		34,324.8369	34,324.8369	1.4137		34,360.1792

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4895	58.7166	12.1053	0.2174	5.8187	0.0578	5.8765	1.6752	0.0552	1.7304		22,995.1352	22,995.1352	1.2560		23,026.5352
Worker	4.2899	1.9552	25.7798	0.1135	18.0643	0.0701	18.1344	4.7915	0.0645	4.8560		11,329.7017	11,329.7017	0.1577		11,333.6440
Total	5.7794	60.6718	37.8850	0.3309	23.8830	0.1279	24.0108	6.4667	0.1197	6.5864		34,324.8369	34,324.8369	1.4137		34,360.1792

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4833	58.5177	12.0478	0.2172	5.8187	0.0573	5.8760	1.6752	0.0548	1.7300		22,976.0755	22,976.0755	1.2475		23,007.2640
Worker	3.9644	1.7957	24.2725	0.1115	18.0643	0.0654	18.1297	4.7915	0.0602	4.8517		11,128.1443	11,128.1443	0.1443		11,131.7529
Total	5.4476	60.3134	36.3204	0.3287	23.8829	0.1228	24.0057	6.4667	0.1150	6.5817		34,104.2198	34,104.2198	1.3919		34,139.0169

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4833	58.5177	12.0478	0.2172	5.8187	0.0573	5.8760	1.6752	0.0548	1.7300		22,976.0755	22,976.0755	1.2475		23,007.2640
Worker	3.9644	1.7957	24.2725	0.1115	18.0643	0.0654	18.1297	4.7915	0.0602	4.8517		11,128.1443	11,128.1443	0.1443		11,131.7529
Total	5.4476	60.3134	36.3204	0.3287	23.8829	0.1228	24.0057	6.4667	0.1150	6.5817		34,104.2198	34,104.2198	1.3919		34,139.0169

3.5 Paving - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0270	0.0123	0.1656	7.6000e-004	0.1232	4.5000e-004	0.1237	0.0327	4.1000e-004	0.0331		75.9082	75.9082	9.8000e-004		75.9328
Total	0.0270	0.0123	0.1656	7.6000e-004	0.1232	4.5000e-004	0.1237	0.0327	4.1000e-004	0.0331		75.9082	75.9082	9.8000e-004		75.9328

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0270	0.0123	0.1656	7.6000e-004	0.1232	4.5000e-004	0.1237	0.0327	4.1000e-004	0.0331		75.9082	75.9082	9.8000e-004		75.9328
Total	0.0270	0.0123	0.1656	7.6000e-004	0.1232	4.5000e-004	0.1237	0.0327	4.1000e-004	0.0331		75.9082	75.9082	9.8000e-004		75.9328

3.6 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.9246					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		281.7328
Total	64.0553	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7932	0.3593	4.8567	0.0223	3.6145	0.0131	3.6276	0.9587	0.0120	0.9708		2,226.6410	2,226.6410	0.0289		2,227.3630
Total	0.7932	0.3593	4.8567	0.0223	3.6145	0.0131	3.6276	0.9587	0.0120	0.9708		2,226.6410	2,226.6410	0.0289		2,227.3630

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.9246					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	0.0000	281.4481	281.4481	0.0114		281.7328
Total	64.0553	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7932	0.3593	4.8567	0.0223	3.6145	0.0131	3.6276	0.9587	0.0120	0.9708		2,226.6410	2,226.6410	0.0289		2,227.3630
Total	0.7932	0.3593	4.8567	0.0223	3.6145	0.0131	3.6276	0.9587	0.0120	0.9708		2,226.6410	2,226.6410	0.0289		2,227.3630

3.6 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.9246						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		281.7328
Total	64.0553	0.8563	1.7977	2.9700e-003			0.0203	0.0203	0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7386	0.3330	4.5736	0.0220	3.6145	0.0122	3.6267	0.9587	0.0113	0.9700		2,191.6077	2,191.6077	0.0264		2,192.2677
Total	0.7386	0.3330	4.5736	0.0220	3.6145	0.0122	3.6267	0.9587	0.0113	0.9700		2,191.6077	2,191.6077	0.0264		2,192.2677

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.9246						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	0.0000	281.4481	281.4481	0.0114		281.7328
Total	64.0553	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7386	0.3330	4.5736	0.0220	3.6145	0.0122	3.6267	0.9587	0.0113	0.9700		2,191.6077	2,191.6077	0.0264		2,192.2677
Total	0.7386	0.3330	4.5736	0.0220	3.6145	0.0122	3.6267	0.9587	0.0113	0.9700		2,191.6077	2,191.6077	0.0264		2,192.2677

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 Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
General Heavy Industry	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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
Fast Food Restaurant w/o Drive Thru	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
High Turnover (Sit Down Restaurant)	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Fast Food Restaurant w/o Drive Thru	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
General Heavy Industry	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
General Light Industry	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
High Turnover (Sit Down Restaurant)	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
Manufacturing	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
Regional Shopping Center	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551
Unrefrigerated Warehouse-No Rail	0.570872	0.033060	0.185207	0.100996	0.009580	0.004113	0.018871	0.068007	0.001377	0.001299	0.005311	0.000756	0.000551

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					
Fast Food Restaurant w/o Drive Thru	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	
General Heavy Industry	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	
General Light Industry	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	
High Turnover (Sit Down Restaurant)	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	
Manufacturing	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	

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	0.0000	0.0000
Unrefrigerated Warehouse-No	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	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

Mitigated

Land Use	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	kBTU/yr	lb/day										lb/day					
Fast Food Restaurant w/o Drive Thru	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 Heavy Industry	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 Light Industry	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 Turnover (Sit Down Restaurant)	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
Manufacturing	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
Unrefrigerated Warehouse-No	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	112.2029	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		1.1470	1.1470	2.9500e-003		1.2209
Unmitigated	112.2029	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		1.1470	1.1470	2.9500e-003		1.2209

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	112.1542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0487	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		1.1470	1.1470	2.9500e-003		1.2209
Total	112.2029	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		1.1470	1.1470	2.9500e-003		1.2209

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	112.1542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Landscaping	0.0487	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		1.1470	1.1470	2.9500e-003		1.2209
Total	112.2029	4.7800e-003	0.5320	4.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		1.1470	1.1470	2.9500e-003		1.2209

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase Three - Construction Only - San Bernardino-Mojave Desert County, Annual

SCLA Specific Plan - Phase Three - Construction Only
San Bernardino-Mojave Desert County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	899.04	1000sqft	183.57	899,040.00	0
General Light Industry	773.33	1000sqft	157.90	773,330.00	0
Manufacturing	992.92	1000sqft	202.74	992,920.00	0
Unrefrigerated Warehouse-No Rail	3,033.75	1000sqft	619.45	3,033,750.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2040
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction only.

Land Use - Based of gross lot acreage of 1163.67

Construction Phase - Phase three would occur over approximately 5 years.

Demolition -

Grading - Cut and Fill is balanced.

Architectural Coating - MAQMD Rule 1113 50 g/L VOC content.

Vehicle Trips - Construction Emissions Only.

Consumer Products - Construction Emissions Only.

Area Coating - Construction Emissions Only.

Energy Use - Construction Emissions Only.

Water And Wastewater - Construction Emissions Only.

Solid Waste - Construction Emissions Only.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	2849520	0
tblAreaCoating	Area_Nonresidential_Interior	8548560	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	480.00
tblConstructionPhase	NumDays	155,000.00	300.00
tblConstructionPhase	NumDays	10,000.00	160.00
tblConstructionPhase	NumDays	15,500.00	220.00
tblConstructionPhase	NumDays	11,000.00	120.00
tblConstructionPhase	NumDays	6,000.00	140.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	17.13	0.00

tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	2.00	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	9.0200e-003	0.00
tblFleetMix	LHD2	4.0660e-003	0.00
tblFleetMix	MCY	5.2850e-003	0.00
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	5.2300e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.3830e-003	0.00
tblFleetMix	SBUS	7.3600e-004	0.00
tblFleetMix	UBUS	1.2770e-003	0.00
tblGrading	MaterialExported	0.00	1,257,000.00
tblGrading	MaterialImported	0.00	1,257,000.00
tblLandUse	LotAcreage	20.64	183.57
tblLandUse	LotAcreage	17.75	157.90
tblLandUse	LotAcreage	22.79	202.74
tblLandUse	LotAcreage	69.65	619.45
tblSolidWaste	SolidWasteGenerationRate	1,114.81	0.00
tblSolidWaste	SolidWasteGenerationRate	1,231.22	0.00
tblSolidWaste	SolidWasteGenerationRate	2,851.72	0.00

tblVehicleTrips	ST_TR	1.50	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.50	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.50	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	207,903,000.00	0.00
tblWater	IndoorWaterUseRate	229,612,750.00	0.00
tblWater	IndoorWaterUseRate	701,554,687.50	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					
2035	0.2748	1.6367	2.4660	9.2500e-003	1.9607	0.0339	1.9945	0.6714	0.0338	0.7053	0.0000	828.4268	828.4268	0.0347	0.0000	829.2941
2036	0.6804	11.6433	5.4568	0.0650	2.8938	0.0583	2.9521	1.0031	0.0576	1.0607	0.0000	6,251.2820	6,251.2820	0.2891	0.0000	6,258.5082
2037	0.8699	9.8469	7.8557	0.0529	3.3374	0.0389	3.3762	0.9052	0.0379	0.9430	0.0000	4,930.1350	4,930.1350	0.1848	0.0000	4,934.7537
2038	6.3910	1.4445	1.7144	0.0101	0.8936	6.3600e-003	0.9000	0.2399	6.1100e-003	0.2461	0.0000	934.1842	934.1842	0.0286	0.0000	934.8982
2039	7.1177	0.1425	0.8611	3.4500e-003	0.4921	2.8500e-003	0.4950	0.1307	2.7300e-003	0.1335	0.0000	310.7176	310.7176	4.3400e-003	0.0000	310.8263
Maximum	7.1177	11.6433	7.8557	0.0650	3.3374	0.0583	3.3762	1.0031	0.0576	1.0607	0.0000	6,251.2820	6,251.2820	0.2891	0.0000	6,258.5082

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					
2035	0.2748	1.6367	2.4660	9.2500e-003	0.8208	0.0339	0.8547	0.2772	0.0338	0.3110	0.0000	828.4262	828.4262	0.0347	0.0000	829.2934
2036	0.6804	11.6433	5.4568	0.0650	1.9892	0.0583	2.0475	0.6274	0.0576	0.6849	0.0000	6,251.2810	6,251.2810	0.2891	0.0000	6,258.5072
2037	0.8699	9.8469	7.8557	0.0529	3.3374	0.0389	3.3762	0.9052	0.0379	0.9430	0.0000	4,930.1344	4,930.1344	0.1848	0.0000	4,934.7532
2038	6.3910	1.4445	1.7144	0.0101	0.8936	6.3600e-003	0.9000	0.2399	6.1100e-003	0.2461	0.0000	934.1841	934.1841	0.0286	0.0000	934.8981
2039	7.1177	0.1425	0.8611	3.4500e-003	0.4921	2.8500e-003	0.4950	0.1307	2.7300e-003	0.1335	0.0000	310.7176	310.7176	4.3400e-003	0.0000	310.8262
Maximum	7.1177	11.6433	7.8557	0.0650	3.3374	0.0583	3.3762	0.9052	0.0576	0.9430	0.0000	6,251.2810	6,251.2810	0.2891	0.0000	6,258.5072

	ROG	NOx	CO	SO2	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	21.35	0.00	21.04	26.10	0.00	24.93	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2035	3-31-2035	0.5139	0.5139
2	4-1-2035	6-30-2035	0.5209	0.5209
3	7-1-2035	9-30-2035	0.4592	0.4592
4	10-1-2035	12-31-2035	0.4051	0.4051
5	1-1-2036	3-31-2036	1.6858	1.6858
6	4-1-2036	6-30-2036	3.4950	3.4950
7	7-1-2036	9-30-2036	3.5334	3.5334
8	10-1-2036	12-31-2036	3.4766	3.4766
9	1-1-2037	3-31-2037	2.7252	2.7252
10	4-1-2037	6-30-2037	2.7389	2.7389

11	7-1-2037	9-30-2037	2.6095	2.6095
12	10-1-2037	12-31-2037	2.5869	2.5869
13	1-1-2038	3-31-2038	2.2203	2.2203
14	4-1-2038	6-30-2038	1.8520	1.8520
15	7-1-2038	9-30-2038	1.8724	1.8724
16	10-1-2038	12-31-2038	1.8729	1.8729
17	1-1-2039	3-31-2039	1.8322	1.8322
18	4-1-2039	6-30-2039	1.8520	1.8520
19	7-1-2039	9-30-2039	1.8724	1.8724
		Highest	3.5334	3.5334

**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	22.2624	4.7000e-004	0.0520	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.1018	0.1018	2.6000e-004	0.0000	0.1084
Energy	0.1355	1.2316	1.0346	7.3900e-003		0.0936	0.0936		0.0936	0.0936	0.0000	4,906.7641	4,906.7641	0.1290	0.0459	4,923.6790
Mobile	0.0000	0.0000	0.0000	0.0000	3.8424	0.0000	3.8424	0.9431	0.0000	0.9431	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	194.6541	0.0000	194.6541	11.5037	0.0000	482.2474
Water						0.0000	0.0000		0.0000	0.0000	56.7353	1,057.8839	1,114.6192	5.8579	0.1439	1,303.9581
Total	22.3978	1.2321	1.0866	7.3900e-003	3.8424	0.0938	3.9361	0.9431	0.0938	1.0369	251.3894	5,964.7498	6,216.1392	17.4908	0.1899	6,709.9928

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	22.2624	4.7000e-004	0.0520	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.1018	0.1018	2.6000e-004	0.0000	0.1084
Energy	0.1355	1.2316	1.0346	7.3900e-003		0.0936	0.0936		0.0936	0.0936	0.0000	4,906.7641	4,906.7641	0.1290	0.0459	4,923.6790
Mobile	0.0000	0.0000	0.0000	0.0000	3.8424	0.0000	3.8424	0.9431	0.0000	0.9431	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	194.6541	0.0000	194.6541	11.5037	0.0000	482.2474
Water						0.0000	0.0000		0.0000	0.0000	56.7353	1,057.8839	1,114.6192	5.8579	0.1439	1,303.9581
Total	22.3978	1.2321	1.0866	7.3900e-003	3.8424	0.0938	3.9361	0.9431	0.0938	1.0369	251.3894	5,964.7498	6,216.1392	17.4908	0.1899	6,709.9928

	ROG	NOx	CO	SO2	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	Demolition	Demolition	1/1/2035	8/10/2035	5	160	
2	Site Preparation	Site Preparation	8/11/2035	2/22/2036	5	140	
3	Grading	Grading	2/23/2036	12/26/2036	5	220	
4	Building Construction	Building Construction	12/27/2036	2/19/2038	5	300	
5	Paving	Paving	12/27/2036	6/12/2037	5	120	
6	Architectural Coating	Architectural Coating	2/20/2038	12/23/2039	5	480	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 550

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 8,548,560; Non-Residential Outdoor: 2,849,520; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Demolition	6	15.00	0.00	8,728.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	157,125.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,394.00	934.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	479.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 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					
Fugitive Dust					0.9562	0.0000	0.9562	0.1448	0.0000	0.1448	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1465	0.5526	1.4965	3.7000e-003		0.0181	0.0181		0.0181	0.0181	0.0000	317.7746	317.7746	0.0116	0.0000	318.0647
Total	0.1465	0.5526	1.4965	3.7000e-003	0.9562	0.0181	0.9744	0.1448	0.0181	0.1630	0.0000	317.7746	317.7746	0.0116	0.0000	318.0647

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0169	0.5705	0.1410	3.0900e-003	0.0751	9.7000e-004	0.0761	0.0206	9.3000e-004	0.0216	0.0000	299.0231	299.0231	0.0143	0.0000	299.3812
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6900e-003	9.0000e-004	0.0124	6.0000e-005	9.6700e-003	3.0000e-005	9.7000e-003	2.5700e-003	3.0000e-005	2.6000e-003	0.0000	5.4656	5.4656	6.0000e-005	0.0000	5.4671

Total	0.0186	0.5714	0.1534	3.1500e-003	0.0848	1.0000e-003	0.0858	0.0232	9.6000e-004	0.0242	0.0000	304.4887	304.4887	0.0144	0.0000	304.8483
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3729	0.0000	0.3729	0.0565	0.0000	0.0565	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1465	0.5526	1.4965	3.7000e-003		0.0181	0.0181		0.0181	0.0181	0.0000	317.7742	317.7742	0.0116	0.0000	318.0644
Total	0.1465	0.5526	1.4965	3.7000e-003	0.3729	0.0181	0.3911	0.0565	0.0181	0.0746	0.0000	317.7742	317.7742	0.0116	0.0000	318.0644

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0169	0.5705	0.1410	3.0900e-003	0.0751	9.7000e-004	0.0761	0.0206	9.3000e-004	0.0216	0.0000	299.0231	299.0231	0.0143	0.0000	299.3812
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6900e-003	9.0000e-004	0.0124	6.0000e-005	9.6700e-003	3.0000e-005	9.7000e-003	2.5700e-003	3.0000e-005	2.6000e-003	0.0000	5.4656	5.4656	6.0000e-005	0.0000	5.4671
Total	0.0186	0.5714	0.1534	3.1500e-003	0.0848	1.0000e-003	0.0858	0.0232	9.6000e-004	0.0242	0.0000	304.4887	304.4887	0.0144	0.0000	304.8483

3.3 Site Preparation - 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					
Fugitive Dust					0.9124	0.0000	0.9124	0.5015	0.0000	0.5015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1085	0.5121	0.8066	2.3500e-003		0.0147	0.0147		0.0147	0.0147	0.0000	202.0233	202.0233	8.6600e-003	0.0000	202.2397
Total	0.1085	0.5121	0.8066	2.3500e-003	0.9124	0.0147	0.9271	0.5015	0.0147	0.5162	0.0000	202.0233	202.0233	8.6600e-003	0.0000	202.2397

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2800e-003	6.8000e-004	9.4100e-003	5.0000e-005	7.3200e-003	2.0000e-005	7.3500e-003	1.9500e-003	2.0000e-005	1.9700e-003	0.0000	4.1402	4.1402	5.0000e-005	0.0000	4.1413
Total	1.2800e-003	6.8000e-004	9.4100e-003	5.0000e-005	7.3200e-003	2.0000e-005	7.3500e-003	1.9500e-003	2.0000e-005	1.9700e-003	0.0000	4.1402	4.1402	5.0000e-005	0.0000	4.1413

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3558	0.0000	0.3558	0.1956	0.0000	0.1956	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1085	0.5121	0.8066	2.3500e-003		0.0147	0.0147		0.0147	0.0147	0.0000	202.0231	202.0231	8.6600e-003	0.0000	202.2394
Total	0.1085	0.5121	0.8066	2.3500e-003	0.3558	0.0147	0.3705	0.1956	0.0147	0.2103	0.0000	202.0231	202.0231	8.6600e-003	0.0000	202.2394

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2800e-003	6.8000e-004	9.4100e-003	5.0000e-005	7.3200e-003	2.0000e-005	7.3500e-003	1.9500e-003	2.0000e-005	1.9700e-003	0.0000	4.1402	4.1402	5.0000e-005	0.0000	4.1413
Total	1.2800e-003	6.8000e-004	9.4100e-003	5.0000e-005	7.3200e-003	2.0000e-005	7.3500e-003	1.9500e-003	2.0000e-005	1.9700e-003	0.0000	4.1402	4.1402	5.0000e-005	0.0000	4.1413

3.3 Site Preparation - 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					
Fugitive Dust					0.3523	0.0000	0.3523	0.1937	0.0000	0.1937	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0419	0.1977	0.3115	9.1000e-004		5.6800e-003	5.6800e-003		5.6800e-003	5.6800e-003	0.0000	78.0090	78.0090	3.3400e-003	0.0000	78.0926
Total	0.0419	0.1977	0.3115	9.1000e-004	0.3523	5.6800e-003	0.3580	0.1937	5.6800e-003	0.1993	0.0000	78.0090	78.0090	3.3400e-003	0.0000	78.0926

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	2.6000e-004	3.6300e-003	2.0000e-005	2.8300e-003	1.0000e-005	2.8400e-003	7.5000e-004	1.0000e-005	7.6000e-004	0.0000	1.5987	1.5987	2.0000e-005	0.0000	1.5991
Total	5.0000e-004	2.6000e-004	3.6300e-003	2.0000e-005	2.8300e-003	1.0000e-005	2.8400e-003	7.5000e-004	1.0000e-005	7.6000e-004	0.0000	1.5987	1.5987	2.0000e-005	0.0000	1.5991

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1374	0.0000	0.1374	0.0755	0.0000	0.0755	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0419	0.1977	0.3115	9.1000e-004		5.6800e-003	5.6800e-003		5.6800e-003	5.6800e-003	0.0000	78.0089	78.0089	3.3400e-003	0.0000	78.0925
Total	0.0419	0.1977	0.3115	9.1000e-004	0.1374	5.6800e-003	0.1431	0.0755	5.6800e-003	0.0812	0.0000	78.0089	78.0089	3.3400e-003	0.0000	78.0925

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	2.6000e-004	3.6300e-003	2.0000e-005	2.8300e-003	1.0000e-005	2.8400e-003	7.5000e-004	1.0000e-005	7.6000e-004	0.0000	1.5987	1.5987	2.0000e-005	0.0000	1.5991
Total	5.0000e-004	2.6000e-004	3.6300e-003	2.0000e-005	2.8300e-003	1.0000e-005	2.8400e-003	7.5000e-004	1.0000e-005	7.6000e-004	0.0000	1.5987	1.5987	2.0000e-005	0.0000	1.5991

3.4 Grading - 2036

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					1.1307	0.0000	1.1307	0.4224	0.0000	0.4224	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3203	1.0554	2.4778	7.6900e-003		0.0346	0.0346		0.0346	0.0346	0.0000	719.7990	719.7990	0.0255	0.0000	720.4376
Total	0.3203	1.0554	2.4778	7.6900e-003	1.1307	0.0346	1.1653	0.4224	0.0346	0.4569	0.0000	719.7990	719.7990	0.0255	0.0000	720.4376

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.3037	10.2710	2.5376	0.0557	1.3518	0.0174	1.3692	0.3712	0.0167	0.3879	0.0000	5,383.1359	5,383.1359	0.2578	0.0000	5,389.5816
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1100e-003	1.6500e-003	0.0228	1.1000e-004	0.0177	6.0000e-005	0.0178	4.7100e-003	5.0000e-005	4.7600e-003	0.0000	10.0202	10.0202	1.1000e-004	0.0000	10.0231

Total	0.3068	10.2727	2.5604	0.0558	1.3695	0.0175	1.3870	0.3759	0.0167	0.3927	0.0000	5,393.1561	5,393.1561	0.2579	0.0000	5,399.6047
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4410	0.0000	0.4410	0.1647	0.0000	0.1647	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3203	1.0554	2.4778	7.6900e-003		0.0346	0.0346		0.0346	0.0346	0.0000	719.7982	719.7982	0.0255	0.0000	720.4367
Total	0.3203	1.0554	2.4778	7.6900e-003	0.4410	0.0346	0.4755	0.1647	0.0346	0.1993	0.0000	719.7982	719.7982	0.0255	0.0000	720.4367

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.3037	10.2710	2.5376	0.0557	1.3518	0.0174	1.3692	0.3712	0.0167	0.3879	0.0000	5,383.1359	5,383.1359	0.2578	0.0000	5,389.5816
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1100e-003	1.6500e-003	0.0228	1.1000e-004	0.0177	6.0000e-005	0.0178	4.7100e-003	5.0000e-005	4.7600e-003	0.0000	10.0202	10.0202	1.1000e-004	0.0000	10.0231
Total	0.3068	10.2727	2.5604	0.0558	1.3695	0.0175	1.3870	0.3759	0.0167	0.3927	0.0000	5,393.1561	5,393.1561	0.2579	0.0000	5,399.6047

3.5 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8300e-003	0.0107	0.0242	5.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	3.9429	3.9429	1.5000e-004	0.0000	3.9466
Total	1.8300e-003	0.0107	0.0242	5.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	3.9429	3.9429	1.5000e-004	0.0000	3.9466

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3200e-003	0.0965	0.0182	3.6000e-004	9.3400e-003	9.0000e-005	9.4300e-003	2.7000e-003	9.0000e-005	2.7800e-003	0.0000	34.7031	34.7031	1.7300e-003	0.0000	34.7464
Worker	5.0700e-003	2.7000e-003	0.0372	1.8000e-004	0.0289	9.0000e-005	0.0290	7.6900e-003	9.0000e-005	7.7700e-003	0.0000	16.3557	16.3557	1.8000e-004	0.0000	16.3604
Total	7.3900e-003	0.0992	0.0554	5.4000e-004	0.0383	1.8000e-004	0.0385	0.0104	1.8000e-004	0.0106	0.0000	51.0589	51.0589	1.9100e-003	0.0000	51.1067

Mitigated Construction On-Site

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

Off-Road	1.8300e-003	0.0107	0.0242	5.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	3.9429	3.9429	1.5000e-004	0.0000	3.9466
Total	1.8300e-003	0.0107	0.0242	5.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	3.9429	3.9429	1.5000e-004	0.0000	3.9466

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3200e-003	0.0965	0.0182	3.6000e-004	9.3400e-003	9.0000e-005	9.4300e-003	2.7000e-003	9.0000e-005	2.7800e-003	0.0000	34.7031	34.7031	1.7300e-003	0.0000	34.7464
Worker	5.0700e-003	2.7000e-003	0.0372	1.8000e-004	0.0289	9.0000e-005	0.0290	7.6900e-003	9.0000e-005	7.7700e-003	0.0000	16.3557	16.3557	1.8000e-004	0.0000	16.3604
Total	7.3900e-003	0.0992	0.0554	5.4000e-004	0.0383	1.8000e-004	0.0385	0.0104	1.8000e-004	0.0106	0.0000	51.0589	51.0589	1.9100e-003	0.0000	51.1067

3.5 Building Construction - 2037

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2021	8.3919	1.5831	0.0315	0.8127	7.9400e-003	0.8207	0.2345	7.5900e-003	0.2421	0.0000	3,019.1735	3,019.1735	0.1504	0.0000	3,022.9343
Worker	0.4410	0.2346	3.2347	0.0157	2.5175	8.1300e-003	2.5257	0.6687	7.4800e-003	0.6762	0.0000	1,422.9490	1,422.9490	0.0161	0.0000	1,423.3508
Total	0.6431	8.6264	4.8178	0.0472	3.3303	0.0161	3.3464	0.9033	0.0151	0.9184	0.0000	4,442.1225	4,442.1225	0.1665	0.0000	4,446.2851

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2021	8.3919	1.5831	0.0315	0.8127	7.9400e-003	0.8207	0.2345	7.5900e-003	0.2421	0.0000	3,019.1735	3,019.1735	0.1504	0.0000	3,022.9343
Worker	0.4410	0.2346	3.2347	0.0157	2.5175	8.1300e-003	2.5257	0.6687	7.4800e-003	0.6762	0.0000	1,422.9490	1,422.9490	0.0161	0.0000	1,423.3508
Total	0.6431	8.6264	4.8178	0.0472	3.3303	0.0161	3.3464	0.9033	0.0151	0.9184	0.0000	4,442.1225	4,442.1225	0.1665	0.0000	4,446.2851

3.5 Building Construction - 2038

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.1289	0.2901	5.6000e-004		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	47.3150	47.3150	1.7600e-003	0.0000	47.3590
Total	0.0219	0.1289	0.2901	5.6000e-004		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	47.3150	47.3150	1.7600e-003	0.0000	47.3590

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0279	1.1575	0.2184	4.3400e-003	0.1121	1.1000e-003	0.1132	0.0324	1.0500e-003	0.0334	0.0000	416.4377	416.4377	0.0208	0.0000	416.9565
Worker	0.0608	0.0324	0.4462	2.1700e-003	0.3473	1.1200e-003	0.3484	0.0922	1.0300e-003	0.0933	0.0000	196.2688	196.2688	2.2200e-003	0.0000	196.3243

Total	0.0887	1.1899	0.6645	6.5100e-003	0.4594	2.2200e-003	0.4616	0.1246	2.0800e-003	0.1267	0.0000	612.7066	612.7066	0.0230	0.0000	613.2807
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.1289	0.2901	5.6000e-004		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	47.3149	47.3149	1.7600e-003	0.0000	47.3590
Total	0.0219	0.1289	0.2901	5.6000e-004		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	47.3149	47.3149	1.7600e-003	0.0000	47.3590

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0279	1.1575	0.2184	4.3400e-003	0.1121	1.1000e-003	0.1132	0.0324	1.0500e-003	0.0334	0.0000	416.4377	416.4377	0.0208	0.0000	416.9565
Worker	0.0608	0.0324	0.4462	2.1700e-003	0.3473	1.1200e-003	0.3484	0.0922	1.0300e-003	0.0933	0.0000	196.2688	196.2688	2.2200e-003	0.0000	196.3243
Total	0.0887	1.1899	0.6645	6.5100e-003	0.4594	2.2200e-003	0.4616	0.1246	2.0800e-003	0.1267	0.0000	612.7066	612.7066	0.0230	0.0000	613.2807

3.6 Paving - 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	1.7100e-003	7.3100e-003	0.0237	4.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	3.6149	3.6149	1.4000e-004	0.0000	3.6184
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.7100e-003	7.3100e-003	0.0237	4.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	3.6149	3.6149	1.4000e-004	0.0000	3.6184

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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-005	2.0000e-005	2.3000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1025	0.1025	0.0000	0.0000	0.1025
Total	3.0000e-005	2.0000e-005	2.3000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1025	0.1025	0.0000	0.0000	0.1025

Mitigated Construction On-Site

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

Off-Road	1.7100e-003	7.3100e-003	0.0237	4.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	3.6149	3.6149	1.4000e-004	0.0000	3.6184
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.7100e-003	7.3100e-003	0.0237	4.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	3.6149	3.6149	1.4000e-004	0.0000	3.6184

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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-005	2.0000e-005	2.3000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1025	0.1025	0.0000	0.0000	0.1025
Total	3.0000e-005	2.0000e-005	2.3000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1025	0.1025	0.0000	0.0000	0.1025

3.6 Paving - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0667	0.2853	0.9255	1.6400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	140.9822	140.9822	5.4300e-003	0.0000	141.1178
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0667	0.2853	0.9255	1.6400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	140.9822	140.9822	5.4300e-003	0.0000	141.1178

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2400e-003	6.6000e-004	9.0900e-003	4.0000e-005	7.0700e-003	2.0000e-005	7.0900e-003	1.8800e-003	2.0000e-005	1.9000e-003	0.0000	3.9967	3.9967	5.0000e-005	0.0000	3.9978
Total	1.2400e-003	6.6000e-004	9.0900e-003	4.0000e-005	7.0700e-003	2.0000e-005	7.0900e-003	1.8800e-003	2.0000e-005	1.9000e-003	0.0000	3.9967	3.9967	5.0000e-005	0.0000	3.9978

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0667	0.2853	0.9255	1.6400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	140.9820	140.9820	5.4300e-003	0.0000	141.1176
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0667	0.2853	0.9255	1.6400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	140.9820	140.9820	5.4300e-003	0.0000	141.1176

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2400e-003	6.6000e-004	9.0900e-003	4.0000e-005	7.0700e-003	2.0000e-005	7.0900e-003	1.8800e-003	2.0000e-005	1.9000e-003	0.0000	3.9967	3.9967	5.0000e-005	0.0000	3.9978
Total	1.2400e-003	6.6000e-004	9.0900e-003	4.0000e-005	7.0700e-003	2.0000e-005	7.0900e-003	1.8800e-003	2.0000e-005	1.9000e-003	0.0000	3.9967	3.9967	5.0000e-005	0.0000	3.9978

3.7 Architectural Coating - 2038

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Archit. Coating	6.1910					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.0852	0.2019	3.3000e-004		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	28.7241	28.7241	1.0600e-003	0.0000	28.7506
Total	6.2043	0.0852	0.2019	3.3000e-004		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	28.7241	28.7241	1.0600e-003	0.0000	28.7506

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0761	0.0405	0.5579	2.7100e-003	0.4342	1.4000e-003	0.4356	0.1154	1.2900e-003	0.1166	0.0000	245.4385	245.4385	2.7700e-003	0.0000	245.5078

Total	0.0761	0.0405	0.5579	2.7100e-003	0.4342	1.4000e-003	0.4356	0.1154	1.2900e-003	0.1166	0.0000	245.4385	245.4385	2.7700e-003	0.0000	245.5078
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.1910					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.0852	0.2019	3.3000e-004		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	28.7241	28.7241	1.0600e-003	0.0000	28.7506
Total	6.2043	0.0852	0.2019	3.3000e-004		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	28.7241	28.7241	1.0600e-003	0.0000	28.7506

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0761	0.0405	0.5579	2.7100e-003	0.4342	1.4000e-003	0.4356	0.1154	1.2900e-003	0.1166	0.0000	245.4385	245.4385	2.7700e-003	0.0000	245.5078
Total	0.0761	0.0405	0.5579	2.7100e-003	0.4342	1.4000e-003	0.4356	0.1154	1.2900e-003	0.1166	0.0000	245.4385	245.4385	2.7700e-003	0.0000	245.5078

3.7 Architectural Coating - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0966	0.2288	3.8000e-004		1.2600e-003	1.2600e-003		1.2600e-003	1.2600e-003	0.0000	32.5540	32.5540	1.2000e-003	0.0000	32.5841
Total	7.0315	0.0966	0.2288	3.8000e-004		1.2600e-003	1.2600e-003		1.2600e-003	1.2600e-003	0.0000	32.5540	32.5540	1.2000e-003	0.0000	32.5841

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0862	0.0459	0.6323	3.0700e-003	0.4921	1.5900e-003	0.4937	0.1307	1.4600e-003	0.1322	0.0000	278.1637	278.1637	3.1400e-003	0.0000	278.2422
Total	0.0862	0.0459	0.6323	3.0700e-003	0.4921	1.5900e-003	0.4937	0.1307	1.4600e-003	0.1322	0.0000	278.1637	278.1637	3.1400e-003	0.0000	278.2422

Mitigated Construction On-Site

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

Unmitigated	0.0000	0.0000	0.0000	0.0000	3.8424	0.0000	3.8424	0.9431	0.0000	0.9431	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	0.00	0.00	0.00		
General Light Industry	5,390.11	1,020.80	525.86	11,885,418	11,885,418
Manufacturing	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	5,390.11	1,020.80	525.86	11,885,418	11,885,418

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
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.571014	0.032844	0.185115	0.100433	0.009020	0.004066	0.018949	0.069354	0.001383	0.001277	0.005285	0.000736	0.000523
General Light Industry	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Manufacturing	0.571014	0.032844	0.185115	0.100433	0.009020	0.004066	0.018949	0.069354	0.001383	0.001277	0.005285	0.000736	0.000523
Unrefrigerated Warehouse-No Rail	0.571014	0.032844	0.185115	0.100433	0.009020	0.004066	0.018949	0.069354	0.001383	0.001277	0.005285	0.000736	0.000523

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 Mitigated							0.0000	0.0000		0.0000	0.0000	3,565.9722	3,565.9722	0.1033	0.0214	3,574.9194
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	3,565.9722	3,565.9722	0.1033	0.0214	3,574.9194
NaturalGas Mitigated	0.1355	1.2316	1.0346	7.3900e-003			0.0936	0.0936		0.0936	0.0000	1,340.7919	1,340.7919	0.0257	0.0246	1,348.7596
NaturalGas Unmitigated	0.1355	1.2316	1.0346	7.3900e-003			0.0936	0.0936		0.0936	0.0000	1,340.7919	1,340.7919	0.0257	0.0246	1,348.7596

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					
General Heavy Industry	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
General Light Industry	2.51255e+007	0.1355	1.2316	1.0346	7.3900e-003		0.0936	0.0936		0.0936	0.0936	0.0000	1,340.7919	1,340.7919	0.0257	0.0246	1,348.7596
Manufacturing	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
Unrefrigerated Warehouse-No P	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		0.1355	1.2316	1.0346	7.3900e-003		0.0936	0.0936		0.0936	0.0936	0.0000	1,340.7919	1,340.7919	0.0257	0.0246	1,348.7596

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Heavy Industry	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
General Light Industry	2.51255e+007	0.1355	1.2316	1.0346	7.3900e-003		0.0936	0.0936		0.0936	0.0936	0.0000	1,340.7919	1,340.7919	0.0257	0.0246	1,348.7596
Manufacturing	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
Unrefrigerated Warehouse-No	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		0.1355	1.2316	1.0346	7.3900e-003		0.0936	0.0936		0.0936	0.0936	0.0000	1,340.7919	1,340.7919	0.0257	0.0246	1,348.7596

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	7.8493e+006	3,565.9722	0.1033	0.0214	3,574.9194
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		3,565.9722	0.1033	0.0214	3,574.9194

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
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Land Use	kWh/yr	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	7.8493e+06	3,565.9722	0.1033	0.0214	3,574.9194
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		3,565.9722	0.1033	0.0214	3,574.9194

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	22.2624	4.7000e-004	0.0520	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.1018	0.1018	2.6000e-004	0.0000	0.1084
Unmitigated	22.2624	4.7000e-004	0.0520	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.1018	0.1018	2.6000e-004	0.0000	0.1084

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
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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
Consumer Products	22.2576					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	4.7600e-003	4.7000e-004	0.0520	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.1018	0.1018	2.6000e-004	0.0000	0.1084
Total	22.2624	4.7000e-004	0.0520	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.1018	0.1018	2.6000e-004	0.0000	0.1084

Mitigated

SubCategory	ROG	NOx	CO	SO2	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							
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	22.2576					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.7600e-003	4.7000e-004	0.0520	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.1018	0.1018	2.6000e-004	0.0000	0.1084
Total	22.2624	4.7000e-004	0.0520	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.1018	0.1018	2.6000e-004	0.0000	0.1084

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			

Mitigated	1,114.6192	5.8579	0.1439	1,303.9581
Unmitigated	1,114.6192	5.8579	0.1439	1,303.9581

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	178.833 / 0	1,114.6192	5.8579	0.1439	1,303.9581
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		1,114.6192	5.8579	0.1439	1,303.9581

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	178.833 / 0	1,114.6192	5.8579	0.1439	1,303.9581
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000

Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		1,114.6192	5.8579	0.1439	1,303.9581

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	194.6541	11.5037	0.0000	482.2474
Unmitigated	194.6541	11.5037	0.0000	482.2474

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	958.93	194.6541	11.5037	0.0000	482.2474
Manufacturing	0	0.0000	0.0000	0.0000	0.0000

Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		194.6541	11.5037	0.0000	482.2474

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	958.93	194.6541	11.5037	0.0000	482.2474
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		194.6541	11.5037	0.0000	482.2474

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase Three - Construction Only - San Bernardino-Mojave Desert County, Summer

SCLA Specific Plan - Phase Three - Construction Only
San Bernardino-Mojave Desert County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	899.04	1000sqft	183.57	899,040.00	0
General Light Industry	773.33	1000sqft	157.90	773,330.00	0
Manufacturing	992.92	1000sqft	202.74	992,920.00	0
Unrefrigerated Warehouse-No Rail	3,033.75	1000sqft	619.45	3,033,750.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2040
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction only.

Land Use - Based of gross lot acreage of 1163.67

Construction Phase - Phase three would occur over approximately 5 years.

Demolition -

Grading - Cut and Fill is balanced.

Architectural Coating - MAQMD Rule 1113 50 g/L VOC content.

Vehicle Trips - Construction Emissions Only.

Consumer Products - Construction Emissions Only.

Area Coating - Construction Emissions Only.

Energy Use - Construction Emissions Only.

Water And Wastewater - Construction Emissions Only.

Solid Waste - Construction Emissions Only.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	2849520	0
tblAreaCoating	Area_Nonresidential_Interior	8548560	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	480.00
tblConstructionPhase	NumDays	155,000.00	300.00
tblConstructionPhase	NumDays	10,000.00	160.00
tblConstructionPhase	NumDays	15,500.00	220.00
tblConstructionPhase	NumDays	11,000.00	120.00
tblConstructionPhase	NumDays	6,000.00	140.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	17.13	0.00

tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	2.00	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	9.0200e-003	0.00
tblFleetMix	LHD2	4.0660e-003	0.00
tblFleetMix	MCY	5.2850e-003	0.00
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	5.2300e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.3830e-003	0.00
tblFleetMix	SBUS	7.3600e-004	0.00
tblFleetMix	UBUS	1.2770e-003	0.00
tblGrading	MaterialExported	0.00	1,257,000.00
tblGrading	MaterialImported	0.00	1,257,000.00
tblLandUse	LotAcreage	20.64	183.57
tblLandUse	LotAcreage	17.75	157.90
tblLandUse	LotAcreage	22.79	202.74
tblLandUse	LotAcreage	69.65	619.45
tblSolidWaste	SolidWasteGenerationRate	1,114.81	0.00
tblSolidWaste	SolidWasteGenerationRate	1,231.22	0.00
tblSolidWaste	SolidWasteGenerationRate	2,851.72	0.00

tblVehicleTrips	ST_TR	1.50	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.50	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.50	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	207,903,000.00	0.00
tblWater	IndoorWaterUseRate	229,612,750.00	0.00
tblWater	IndoorWaterUseRate	701,554,687.50	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					
2035	2.1766	13.9653	20.5750	0.0861	18.2141	0.2916	18.5057	9.9699	0.2915	10.2614	0.0000	8,625.4674	8,625.4674	0.3520	0.0000	8,634.2670
2036	7.6426	101.8853	72.4812	0.5824	26.1160	0.4725	26.5171	9.9699	0.4656	10.2614	0.0000	61,850.0159	61,850.0159	2.7597	0.0000	61,919.0075
2037	7.6426	77.8275	72.4812	0.4359	26.1160	0.4010	26.5171	7.0705	0.3933	7.4638	0.0000	44,641.7554	44,641.7554	1.5772	0.0000	44,681.1851
2038	55.9001	72.9412	56.4782	0.4070	25.9928	0.2132	26.2060	7.0378	0.2056	7.2434	0.0000	41,903.0806	41,903.0806	1.4740	0.0000	41,939.9308
2039	55.9001	1.0850	7.6297	0.0293	3.9349	0.0224	3.9572	1.0437	0.0214	1.0651	0.0000	2,905.0254	2,905.0254	0.0406	0.0000	2,906.0412
Maximum	55.9001	101.8853	72.4812	0.5824	26.1160	0.4725	26.5171	9.9699	0.4656	10.2614	0.0000	61,850.0159	61,850.0159	2.7597	0.0000	61,919.0075

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					
2035	2.1766	13.9653	20.5750	0.0861	7.1937	0.2916	7.4853	3.9122	0.2915	4.2037	0.0000	8,625.4674	8,625.4674	0.3520	0.0000	8,634.2670
2036	7.6426	101.8853	72.4812	0.5824	26.1160	0.4725	26.5171	7.0705	0.4656	7.4638	0.0000	61,850.0159	61,850.0159	2.7597	0.0000	61,919.0075
2037	7.6426	77.8275	72.4812	0.4359	26.1160	0.4010	26.5171	7.0705	0.3933	7.4638	0.0000	44,641.7553	44,641.7553	1.5772	0.0000	44,681.1850
2038	55.9001	72.9412	56.4782	0.4070	25.9928	0.2132	26.2060	7.0378	0.2056	7.2434	0.0000	41,903.0806	41,903.0806	1.4740	0.0000	41,939.9308
2039	55.9001	1.0850	7.6297	0.0293	3.9349	0.0224	3.9572	1.0437	0.0214	1.0651	0.0000	2,905.0254	2,905.0254	0.0406	0.0000	2,906.0412
Maximum	55.9001	101.8853	72.4812	0.5824	26.1160	0.4725	26.5171	7.0705	0.4656	7.4638	0.0000	61,850.0159	61,850.0159	2.7597	0.0000	61,919.0075

	ROG	NOx	CO	SO2	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	10.98	0.00	10.84	25.52	0.00	24.40	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational
Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	122.0124	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		1.2473	1.2473	3.2100e-003		1.3276
Energy	0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914
Mobile	0.0000	0.0000	0.0000	0.0000	28.5788	0.0000	28.5788	7.0148	0.0000	7.0148		0.0000	0.0000	0.0000		0.0000

Total	122.7547	6.7539	6.2471	0.0405	28.5788	0.5150	29.0938	7.0148	0.5150	7.5298		8,099.7136	8,099.7136	0.1584	0.1485	8,147.9190
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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	122.0124	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		1.2473	1.2473	3.2100e-003		1.3276
Energy	0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914
Mobile	0.0000	0.0000	0.0000	0.0000	28.5788	0.0000	28.5788	7.0148	0.0000	7.0148		0.0000	0.0000	0.0000		0.0000
Total	122.7547	6.7539	6.2471	0.0405	28.5788	0.5150	29.0938	7.0148	0.5150	7.5298		8,099.7136	8,099.7136	0.1584	0.1485	8,147.9190

	ROG	NOx	CO	SO2	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	Demolition	Demolition	1/1/2035	8/10/2035	5	160	
2	Site Preparation	Site Preparation	8/11/2035	2/22/2036	5	140	
3	Grading	Grading	2/23/2036	12/26/2036	5	220	
4	Building Construction	Building Construction	12/27/2036	2/19/2038	5	300	
5	Paving	Paving	12/27/2036	6/12/2037	5	120	
6	Architectural Coating	Architectural Coating	2/20/2038	12/23/2039	5	480	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 550

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 8,548,560; Non-Residential Outdoor: 2,849,520; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Demolition	6	15.00	0.00	8,728.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	157,125.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,394.00	934.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	479.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 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					
Fugitive Dust					11.9527	0.0000	11.9527	1.8101	0.0000	1.8101			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	11.9527	0.2267	12.1795	1.8101	0.2267	2.0368		4,378.5819	4,378.5819	0.1599		4,382.5795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2069	7.0480	1.6856	0.0391	0.9544	0.0121	0.9665	0.2617	0.0115	0.2732		4,164.7275	4,164.7275	0.1911		4,169.5059

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0235	0.0103	0.1827	8.2000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		82.1580	82.1580	9.5000e-004		82.1816
Total	0.2304	7.0583	1.8683	0.0399	1.0776	0.0124	1.0901	0.2943	0.0119	0.3062		4,246.8855	4,246.8855	0.1921		4,251.6875

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.6616	0.0000	4.6616	0.7059	0.0000	0.7059			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	4.6616	0.2267	4.8883	0.7059	0.2267	0.9327	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2069	7.0480	1.6856	0.0391	0.9544	0.0121	0.9665	0.2617	0.0115	0.2732		4,164.7275	4,164.7275	0.1911		4,169.5059
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0103	0.1827	8.2000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		82.1580	82.1580	9.5000e-004		82.1816
Total	0.2304	7.0583	1.8683	0.0399	1.0776	0.0124	1.0901	0.2943	0.0119	0.3062		4,246.8855	4,246.8855	0.1921		4,251.6875

3.3 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.1483	10.1399	15.9731	0.0466		0.2911	0.2911		0.2911	0.2911		4,409.7537	4,409.7537	0.1889		4,414.4768
Total	2.1483	10.1399	15.9731	0.0466	18.0663	0.2911	18.3574	9.9307	0.2911	10.2218		4,409.7537	4,409.7537	0.1889		4,414.4768

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0282	0.0123	0.2193	9.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		98.5896	98.5896	1.1400e-003		98.6180
Total	0.0282	0.0123	0.2193	9.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		98.5896	98.5896	1.1400e-003		98.6180

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	2.1483	10.1399	15.9731	0.0466		0.2911	0.2911		0.2911	0.2911	0.0000	4,409.7537	4,409.7537	0.1889		4,414.4768
Total	2.1483	10.1399	15.9731	0.0466	7.0458	0.2911	7.3370	3.8730	0.2911	4.1641	0.0000	4,409.7537	4,409.7537	0.1889		4,414.4768

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0282	0.0123	0.2193	9.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		98.5896	98.5896	1.1400e-003		98.6180
Total	0.0282	0.0123	0.2193	9.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		98.5896	98.5896	1.1400e-003		98.6180

3.3 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.1483	10.1399	15.9731	0.0466		0.2911	0.2911		0.2911	0.2911		4,409.7537	4,409.7537	0.1889		4,414.4768

Total	2.1483	10.1399	15.9731	0.0466	18.0663	0.2911	18.3574	9.9307	0.2911	10.2218		4,409.7537	4,409.7537	0.1889		4,414.4768
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0282	0.0123	0.2193	9.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		98.5896	98.5896	1.1400e-003		98.6180
Total	0.0282	0.0123	0.2193	9.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		98.5896	98.5896	1.1400e-003		98.6180

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	2.1483	10.1399	15.9731	0.0466		0.2911	0.2911		0.2911	0.2911	0.0000	4,409.7537	4,409.7537	0.1889		4,414.4768
Total	2.1483	10.1399	15.9731	0.0466	7.0458	0.2911	7.3370	3.8730	0.2911	4.1641	0.0000	4,409.7537	4,409.7537	0.1889		4,414.4768

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0282	0.0123	0.2193	9.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		98.5896	98.5896	1.1400e-003		98.6180
Total	0.0282	0.0123	0.2193	9.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		98.5896	98.5896	1.1400e-003		98.6180

3.4 Grading - 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					
Fugitive Dust					10.2791	0.0000	10.2791	3.8397	0.0000	3.8397			0.0000			0.0000
Off-Road	2.9116	9.5942	22.5250	0.0699		0.3142	0.3142		0.3142	0.3142		7,213.1148	7,213.1148	0.2560		7,219.5135
Total	2.9116	9.5942	22.5250	0.0699	10.2791	0.3142	10.5933	3.8397	0.3142	4.1539		7,213.1148	7,213.1148	0.2560		7,219.5135

Unmitigated Construction Off-Site

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

Hauling	2.7093	92.2774	22.0684	0.5114	12.4958	0.1578	12.6536	3.4257	0.1509	3.5766		54,527.3572	54,527.3572	2.5025		54,589.9185
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0314	0.0137	0.2437	1.1000e-003	0.1643	5.2000e-004	0.1648	0.0436	4.8000e-004	0.0441		109.5439	109.5439	1.2600e-003		109.5755
Total	2.7406	92.2911	22.3121	0.5125	12.6601	0.1583	12.8184	3.4692	0.1514	3.6206		54,636.9011	54,636.9011	2.5037		54,699.4940

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.0089	0.0000	4.0089	1.4975	0.0000	1.4975			0.0000			0.0000
Off-Road	2.9116	9.5942	22.5250	0.0699		0.3142	0.3142		0.3142	0.3142	0.0000	7,213.1148	7,213.1148	0.2560		7,219.5135
Total	2.9116	9.5942	22.5250	0.0699	4.0089	0.3142	4.3231	1.4975	0.3142	1.8117	0.0000	7,213.1148	7,213.1148	0.2560		7,219.5135

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.7093	92.2774	22.0684	0.5114	12.4958	0.1578	12.6536	3.4257	0.1509	3.5766		54,527.3572	54,527.3572	2.5025		54,589.9185
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0314	0.0137	0.2437	1.1000e-003	0.1643	5.2000e-004	0.1648	0.0436	4.8000e-004	0.0441		109.5439	109.5439	1.2600e-003		109.5755
Total	2.7406	92.2911	22.3121	0.5125	12.6601	0.1583	12.8184	3.4692	0.1514	3.6206		54,636.9011	54,636.9011	2.5037		54,699.4940

3.5 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5091	64.1444	11.1955	0.2448	6.3267	0.0605	6.3872	1.8215	0.0578	1.8793		25,893.1242	25,893.1242	1.2150		25,923.4989
Worker	3.7526	1.6354	29.1650	0.1313	19.6661	0.0623	19.7285	5.2164	0.0573	5.2737		13,112.4097	13,112.4097	0.1511		13,116.1871
Total	5.2618	65.7798	40.3604	0.3761	25.9928	0.1228	26.1156	7.0378	0.1151	7.1530		39,005.5339	39,005.5339	1.3661		39,039.6860

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5091	64.1444	11.1955	0.2448	6.3267	0.0605	6.3872	1.8215	0.0578	1.8793		25,893.1242	25,893.1242	1.2150		25,923.4989
Worker	3.7526	1.6354	29.1650	0.1313	19.6661	0.0623	19.7285	5.2164	0.0573	5.2737		13,112.4097	13,112.4097	0.1511		13,116.1871
Total	5.2618	65.7798	40.3604	0.3761	25.9928	0.1228	26.1156	7.0378	0.1151	7.1530		39,005.5339	39,005.5339	1.3661		39,039.6860

3.5 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5091	64.1444	11.1955	0.2448	6.3267	0.0605	6.3872	1.8215	0.0578	1.8793		25,893.1242	25,893.1242	1.2150		25,923.4989
Worker	3.7526	1.6354	29.1650	0.1313	19.6661	0.0623	19.7285	5.2164	0.0573	5.2737		13,112.4097	13,112.4097	0.1511		13,116.1871
Total	5.2618	65.7798	40.3604	0.3761	25.9928	0.1228	26.1156	7.0378	0.1151	7.1530		39,005.5339	39,005.5339	1.3661		39,039.6860

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5091	64.1444	11.1955	0.2448	6.3267	0.0605	6.3872	1.8215	0.0578	1.8793		25,893.1242	25,893.1242	1.2150		25,923.4989
Worker	3.7526	1.6354	29.1650	0.1313	19.6661	0.0623	19.7285	5.2164	0.0573	5.2737		13,112.4097	13,112.4097	0.1511		13,116.1871
Total	5.2618	65.7798	40.3604	0.3761	25.9928	0.1228	26.1156	7.0378	0.1151	7.1530		39,005.5339	39,005.5339	1.3661		39,039.6860

3.5 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5091	64.1444	11.1955	0.2448	6.3267	0.0605	6.3872	1.8215	0.0578	1.8793		25,893.1242	25,893.1242	1.2150		25,923.4989
Worker	3.7526	1.6354	29.1650	0.1313	19.6661	0.0623	19.7285	5.2164	0.0573	5.2737		13,112.4097	13,112.4097	0.1511		13,116.1871
Total	5.2618	65.7798	40.3604	0.3761	25.9928	0.1228	26.1156	7.0378	0.1151	7.1530		39,005.5339	39,005.5339	1.3661		39,039.6860

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5091	64.1444	11.1955	0.2448	6.3267	0.0605	6.3872	1.8215	0.0578	1.8793		25,893.1242	25,893.1242	1.2150		25,923.4989
Worker	3.7526	1.6354	29.1650	0.1313	19.6661	0.0623	19.7285	5.2164	0.0573	5.2737		13,112.4097	13,112.4097	0.1511		13,116.1871
Total	5.2618	65.7798	40.3604	0.3761	25.9928	0.1228	26.1156	7.0378	0.1151	7.1530		39,005.5339	39,005.5339	1.3661		39,039.6860

3.6 Paving - 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	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874		2,656.5168	2,656.5168	0.1022		2,659.0727
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874		2,656.5168	2,656.5168	0.1022		2,659.0727

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0103	0.1827	8.2000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		82.1580	82.1580	9.5000e-004		82.1816
Total	0.0235	0.0103	0.1827	8.2000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		82.1580	82.1580	9.5000e-004		82.1816

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0103	0.1827	8.2000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		82.1580	82.1580	9.5000e-004		82.1816
Total	0.0235	0.0103	0.1827	8.2000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		82.1580	82.1580	9.5000e-004		82.1816

3.6 Paving - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874		2,656.5168	2,656.5168	0.1022		2,659.0727

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874		2,656.5168	2,656.5168	0.1022		2,659.0727

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0103	0.1827	8.2000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		82.1580	82.1580	9.5000e-004		82.1816
Total	0.0235	0.0103	0.1827	8.2000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		82.1580	82.1580	9.5000e-004		82.1816

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0103	0.1827	8.2000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		82.1580	82.1580	9.5000e-004		82.1816
Total	0.0235	0.0103	0.1827	8.2000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		82.1580	82.1580	9.5000e-004		82.1816

3.7 Architectural Coating - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	55.0314					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		281.7081
Total	55.1492	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		281.7081

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7508	0.3272	5.8354	0.0263	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,623.5774	2,623.5774	0.0302		2,624.3332
Total	0.7508	0.3272	5.8354	0.0263	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,623.5774	2,623.5774	0.0302		2,624.3332

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	55.0314					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	0.0000	281.4481	281.4481	0.0104		281.7081
Total	55.1492	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7508	0.3272	5.8354	0.0263	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,623.5774	2,623.5774	0.0302		2,624.3332
Total	0.7508	0.3272	5.8354	0.0263	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,623.5774	2,623.5774	0.0302		2,624.3332

3.7 Architectural Coating - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	55.0314					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		281.7081
Total	55.1492	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		281.7081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7508	0.3272	5.8354	0.0263	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,623.5774	2,623.5774	0.0302		2,624.3332
Total	0.7508	0.3272	5.8354	0.0263	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,623.5774	2,623.5774	0.0302		2,624.3332

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	55.0314					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	0.0000	281.4481	281.4481	0.0104		281.7081
Total	55.1492	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7508	0.3272	5.8354	0.0263	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,623.5774	2,623.5774	0.0302		2,624.3332
Total	0.7508	0.3272	5.8354	0.0263	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,623.5774	2,623.5774	0.0302		2,624.3332

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
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Category	lb/day										lb/day					
	Mitigated	0.0000	0.0000	0.0000	0.0000	28.5788	0.0000	28.5788	7.0148	0.0000	7.0148	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	28.5788	0.0000	28.5788	7.0148	0.0000	7.0148	0.0000	0.0000	0.0000	0.0000	0.0000	

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
General Heavy Industry	0.00	0.00	0.00		
General Light Industry	5,390.11	1,020.80	525.86	11,885,418	11,885,418
Manufacturing	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	5,390.11	1,020.80	525.86	11,885,418	11,885,418

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.571014	0.032844	0.185115	0.100433	0.009020	0.004066	0.018949	0.069354	0.001383	0.001277	0.005285	0.000736	0.000523
General Light Industry	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Manufacturing	0.571014	0.032844	0.185115	0.100433	0.009020	0.004066	0.018949	0.069354	0.001383	0.001277	0.005285	0.000736	0.000523
Unrefrigerated Warehouse-No Rail	0.571014	0.032844	0.185115	0.100433	0.009020	0.004066	0.018949	0.069354	0.001383	0.001277	0.005285	0.000736	0.000523

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	0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914
NaturalGas Unmitigated	0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914

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					
General Heavy Industry	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 Light Industry	68837	0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914
Manufacturing	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
Unrefrigerated Warehouse-No	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		0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Heavy Industry	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 Light Industry	68.837	0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914
Manufacturing	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
Unrefrigerated Warehouse-No Pallet	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		0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914

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	122.0124	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		1.2473	1.2473	3.2100e-003		1.3276
Unmitigated	122.0124	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		1.2473	1.2473	3.2100e-003		1.3276

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	121.9595					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0529	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003			1.2473	1.2473	3.2100e-003	1.3276
Total	122.0124	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003			1.2473	1.2473	3.2100e-003	1.3276

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	121.9595					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0529	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003			1.2473	1.2473	3.2100e-003	1.3276
Total	122.0124	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003			1.2473	1.2473	3.2100e-003	1.3276

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase Three - Construction Only - San Bernardino-Mojave Desert County, Winter

SCLA Specific Plan - Phase Three - Construction Only
San Bernardino-Mojave Desert County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	899.04	1000sqft	183.57	899,040.00	0
General Light Industry	773.33	1000sqft	157.90	773,330.00	0
Manufacturing	992.92	1000sqft	202.74	992,920.00	0
Unrefrigerated Warehouse-No Rail	3,033.75	1000sqft	619.45	3,033,750.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2040
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction only.

Land Use - Based of gross lot acreage of 1163.67

Construction Phase - Phase three would occur over approximately 5 years.

Demolition -

Grading - Cut and Fill is balanced.

Architectural Coating - MAQMD Rule 1113 50 g/L VOC content.

Vehicle Trips - Construction Emissions Only.

Consumer Products - Construction Emissions Only.

Area Coating - Construction Emissions Only.

Energy Use - Construction Emissions Only.

Water And Wastewater - Construction Emissions Only.

Solid Waste - Construction Emissions Only.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	2849520	0
tblAreaCoating	Area_Nonresidential_Interior	8548560	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	480.00
tblConstructionPhase	NumDays	155,000.00	300.00
tblConstructionPhase	NumDays	10,000.00	160.00
tblConstructionPhase	NumDays	15,500.00	220.00
tblConstructionPhase	NumDays	11,000.00	120.00
tblConstructionPhase	NumDays	6,000.00	140.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	17.13	0.00

tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	2.00	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	9.0200e-003	0.00
tblFleetMix	LHD2	4.0660e-003	0.00
tblFleetMix	MCY	5.2850e-003	0.00
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	5.2300e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.3830e-003	0.00
tblFleetMix	SBUS	7.3600e-004	0.00
tblFleetMix	UBUS	1.2770e-003	0.00
tblGrading	MaterialExported	0.00	1,257,000.00
tblGrading	MaterialImported	0.00	1,257,000.00
tblLandUse	LotAcreage	20.64	183.57
tblLandUse	LotAcreage	17.75	157.90
tblLandUse	LotAcreage	22.79	202.74
tblLandUse	LotAcreage	69.65	619.45
tblSolidWaste	SolidWasteGenerationRate	1,114.81	0.00
tblSolidWaste	SolidWasteGenerationRate	1,231.22	0.00
tblSolidWaste	SolidWasteGenerationRate	2,851.72	0.00

tblVehicleTrips	ST_TR	1.50	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.50	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.50	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	207,903,000.00	0.00
tblWater	IndoorWaterUseRate	229,612,750.00	0.00
tblWater	IndoorWaterUseRate	701,554,687.50	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					
2035	2.1767	13.9166	20.7102	0.0850	18.2141	0.2916	18.5057	9.9699	0.2915	10.2614	0.0000	8,511.0041	8,511.0041	0.3662	0.0000	8,520.1586
2036	7.7523	101.2430	68.6940	0.5693	26.1160	0.4739	26.5180	9.9699	0.4670	10.2614	0.0000	60,450.9024	60,450.9024	2.9469	0.0000	60,524.5750
2037	7.7523	77.0315	68.6940	0.4135	26.1160	0.4019	26.5180	7.0705	0.3942	7.4647	0.0000	42,352.4494	42,352.4494	1.6847	0.0000	42,394.5655
2038	55.9033	72.1447	52.7258	0.3847	25.9928	0.2142	26.2070	7.0378	0.2064	7.2443	0.0000	39,622.2374	39,622.2374	1.5816	0.0000	39,661.7768
2039	55.9033	1.0987	6.5176	0.0265	3.9349	0.0224	3.9572	1.0437	0.0214	1.0651	0.0000	2,634.7839	2,634.7839	0.0369	0.0000	2,635.7067
Maximum	55.9033	101.2430	68.6940	0.5693	26.1160	0.4739	26.5180	9.9699	0.4670	10.2614	0.0000	60,450.9024	60,450.9024	2.9469	0.0000	60,524.5750

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					
2035	2.1767	13.9166	20.7102	0.0850	7.1937	0.2916	7.4853	3.9122	0.2915	4.2037	0.0000	8,511.0041	8,511.0041	0.3662	0.0000	8,520.1586
2036	7.7523	101.2430	68.6940	0.5693	26.1160	0.4739	26.5180	7.0705	0.4670	7.4647	0.0000	60,450.9024	60,450.9024	2.9469	0.0000	60,524.5750
2037	7.7523	77.0315	68.6940	0.4135	26.1160	0.4019	26.5180	7.0705	0.3942	7.4647	0.0000	42,352.4494	42,352.4494	1.6847	0.0000	42,394.5655
2038	55.9033	72.1447	52.7258	0.3847	25.9928	0.2142	26.2070	7.0378	0.2064	7.2443	0.0000	39,622.2374	39,622.2374	1.5816	0.0000	39,661.7768
2039	55.9033	1.0987	6.5176	0.0265	3.9349	0.0224	3.9572	1.0437	0.0214	1.0651	0.0000	2,634.7839	2,634.7839	0.0369	0.0000	2,635.7067
Maximum	55.9033	101.2430	68.6940	0.5693	26.1160	0.4739	26.5180	7.0705	0.4670	7.4647	0.0000	60,450.9024	60,450.9024	2.9469	0.0000	60,524.5750

	ROG	NOx	CO	SO2	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	10.98	0.00	10.84	25.52	0.00	24.39	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational
Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	122.0124	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		1.2473	1.2473	3.2100e-003		1.3276
Energy	0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914
Mobile	0.0000	0.0000	0.0000	0.0000	28.5788	0.0000	28.5788	7.0148	0.0000	7.0148		0.0000	0.0000	0.0000		0.0000

Total	122.7547	6.7539	6.2471	0.0405	28.5788	0.5150	29.0938	7.0148	0.5150	7.5298		8,099.7136	8,099.7136	0.1584	0.1485	8,147.9190
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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	122.0124	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		1.2473	1.2473	3.2100e-003		1.3276
Energy	0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914
Mobile	0.0000	0.0000	0.0000	0.0000	28.5788	0.0000	28.5788	7.0148	0.0000	7.0148		0.0000	0.0000	0.0000		0.0000
Total	122.7547	6.7539	6.2471	0.0405	28.5788	0.5150	29.0938	7.0148	0.5150	7.5298		8,099.7136	8,099.7136	0.1584	0.1485	8,147.9190

	ROG	NOx	CO	SO2	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	Demolition	Demolition	1/1/2035	8/10/2035	5	160	
2	Site Preparation	Site Preparation	8/11/2035	2/22/2036	5	140	
3	Grading	Grading	2/23/2036	12/26/2036	5	220	
4	Building Construction	Building Construction	12/27/2036	2/19/2038	5	300	
5	Paving	Paving	12/27/2036	6/12/2037	5	120	
6	Architectural Coating	Architectural Coating	2/20/2038	12/23/2039	5	480	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 550

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 8,548,560; Non-Residential Outdoor: 2,849,520; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Demolition	6	15.00	0.00	8,728.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	157,125.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,394.00	934.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	479.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 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					
Fugitive Dust					11.9527	0.0000	11.9527	1.8101	0.0000	1.8101			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	11.9527	0.2267	12.1795	1.8101	0.2267	2.0368		4,378.5819	4,378.5819	0.1599		4,382.5795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2163	6.9989	1.8556	0.0381	0.9544	0.0122	0.9666	0.2617	0.0116	0.2733		4,058.7269	4,058.7269	0.2055		4,063.8631

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0236	0.0107	0.1479	7.4000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		73.6953	73.6953	8.3000e-004		73.7160
Total	0.2399	7.0096	2.0035	0.0388	1.0776	0.0126	1.0902	0.2943	0.0120	0.3063		4,132.4222	4,132.4222	0.2063		4,137.5791

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.6616	0.0000	4.6616	0.7059	0.0000	0.7059			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	4.6616	0.2267	4.8883	0.7059	0.2267	0.9327	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2163	6.9989	1.8556	0.0381	0.9544	0.0122	0.9666	0.2617	0.0116	0.2733		4,058.7269	4,058.7269	0.2055		4,063.8631
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0236	0.0107	0.1479	7.4000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		73.6953	73.6953	8.3000e-004		73.7160
Total	0.2399	7.0096	2.0035	0.0388	1.0776	0.0126	1.0902	0.2943	0.0120	0.3063		4,132.4222	4,132.4222	0.2063		4,137.5791

3.3 Site Preparation - 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						
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000				0.0000
Off-Road	2.1483	10.1399	15.9731	0.0466		0.2911	0.2911		0.2911	0.2911		4,409.7537	4,409.7537	0.1889			4,414.4768
Total	2.1483	10.1399	15.9731	0.0466	18.0663	0.2911	18.3574	9.9307	0.2911	10.2218		4,409.7537	4,409.7537	0.1889			4,414.4768

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0283	0.0128	0.1775	8.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		88.4343	88.4343	1.0000e-003			88.4592
Total	0.0283	0.0128	0.1775	8.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		88.4343	88.4343	1.0000e-003			88.4592

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	2.1483	10.1399	15.9731	0.0466		0.2911	0.2911		0.2911	0.2911	0.0000	4,409.7537	4,409.7537	0.1889		4,414.4768
Total	2.1483	10.1399	15.9731	0.0466	7.0458	0.2911	7.3370	3.8730	0.2911	4.1641	0.0000	4,409.7537	4,409.7537	0.1889		4,414.4768

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0283	0.0128	0.1775	8.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		88.4343	88.4343	1.0000e-003		88.4592
Total	0.0283	0.0128	0.1775	8.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		88.4343	88.4343	1.0000e-003		88.4592

3.3 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.1483	10.1399	15.9731	0.0466		0.2911	0.2911		0.2911	0.2911		4,409.7537	4,409.7537	0.1889		4,414.4768

Total	2.1483	10.1399	15.9731	0.0466	18.0663	0.2911	18.3574	9.9307	0.2911	10.2218		4,409.7537	4,409.7537	0.1889		4,414.4768
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0283	0.0128	0.1775	8.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		88.4343	88.4343	1.0000e-003		88.4592
Total	0.0283	0.0128	0.1775	8.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		88.4343	88.4343	1.0000e-003		88.4592

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	2.1483	10.1399	15.9731	0.0466		0.2911	0.2911		0.2911	0.2911	0.0000	4,409.7537	4,409.7537	0.1889		4,414.4768
Total	2.1483	10.1399	15.9731	0.0466	7.0458	0.2911	7.3370	3.8730	0.2911	4.1641	0.0000	4,409.7537	4,409.7537	0.1889		4,414.4768

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0283	0.0128	0.1775	8.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		88.4343	88.4343	1.0000e-003		88.4592
Total	0.0283	0.0128	0.1775	8.9000e-004	0.1479	4.7000e-004	0.1483	0.0392	4.3000e-004	0.0397		88.4343	88.4343	1.0000e-003		88.4592

3.4 Grading - 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					
Fugitive Dust					10.2791	0.0000	10.2791	3.8397	0.0000	3.8397			0.0000			0.0000
Off-Road	2.9116	9.5942	22.5250	0.0699		0.3142	0.3142		0.3142	0.3142		7,213.1148	7,213.1148	0.2560		7,219.5135
Total	2.9116	9.5942	22.5250	0.0699	10.2791	0.3142	10.5933	3.8397	0.3142	4.1539		7,213.1148	7,213.1148	0.2560		7,219.5135

Unmitigated Construction Off-Site

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

Hauling	2.8316	91.6345	24.2947	0.4983	12.4958	0.1592	12.6550	3.4257	0.1523	3.5779		53,139.5273	53,139.5273	2.6898		53,206.7734
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0315	0.0142	0.1972	9.8000e-004	0.1643	5.2000e-004	0.1648	0.0436	4.8000e-004	0.0441		98.2604	98.2604	1.1100e-003		98.2880
Total	2.8631	91.6488	24.4920	0.4993	12.6601	0.1597	12.8198	3.4692	0.1527	3.6220		53,237.7877	53,237.7877	2.6910		53,305.0615

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.0089	0.0000	4.0089	1.4975	0.0000	1.4975			0.0000			0.0000
Off-Road	2.9116	9.5942	22.5250	0.0699		0.3142	0.3142		0.3142	0.3142	0.0000	7,213.1148	7,213.1148	0.2560		7,219.5135
Total	2.9116	9.5942	22.5250	0.0699	4.0089	0.3142	4.3231	1.4975	0.3142	1.8117	0.0000	7,213.1148	7,213.1148	0.2560		7,219.5135

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.8316	91.6345	24.2947	0.4983	12.4958	0.1592	12.6550	3.4257	0.1523	3.5779		53,139.5273	53,139.5273	2.6898		53,206.7734
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0315	0.0142	0.1972	9.8000e-004	0.1643	5.2000e-004	0.1648	0.0436	4.8000e-004	0.0441		98.2604	98.2604	1.1100e-003		98.2880
Total	2.8631	91.6488	24.4920	0.4993	12.6601	0.1597	12.8198	3.4692	0.1527	3.6220		53,237.7877	53,237.7877	2.6910		53,305.0615

3.5 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.6024	63.2790	13.0014	0.2360	6.3267	0.0614	6.3881	1.8215	0.0587	1.8802		24,962.9244	24,962.9244	1.3412		24,996.4532
Worker	3.7689	1.7044	23.6067	0.1178	19.6661	0.0623	19.7285	5.2164	0.0573	5.2737		11,761.7662	11,761.7662	0.1325		11,765.0789
Total	5.3713	64.9834	36.6080	0.3538	25.9928	0.1237	26.1165	7.0378	0.1160	7.1539		36,724.6906	36,724.6906	1.4737		36,761.5320

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.6024	63.2790	13.0014	0.2360	6.3267	0.0614	6.3881	1.8215	0.0587	1.8802		24,962.9244	24,962.9244	1.3412		24,996.4532
Worker	3.7689	1.7044	23.6067	0.1178	19.6661	0.0623	19.7285	5.2164	0.0573	5.2737		11,761.7662	11,761.7662	0.1325		11,765.0789
Total	5.3713	64.9834	36.6080	0.3538	25.9928	0.1237	26.1165	7.0378	0.1160	7.1539		36,724.6906	36,724.6906	1.4737		36,761.5320

3.5 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.6024	63.2790	13.0014	0.2360	6.3267	0.0614	6.3881	1.8215	0.0587	1.8802		24,962.9244	24,962.9244	1.3412		24,996.4532
Worker	3.7689	1.7044	23.6067	0.1178	19.6661	0.0623	19.7285	5.2164	0.0573	5.2737		11,761.7662	11,761.7662	0.1325		11,765.0789
Total	5.3713	64.9834	36.6080	0.3538	25.9928	0.1237	26.1165	7.0378	0.1160	7.1539		36,724.6906	36,724.6906	1.4737		36,761.5320

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.6024	63.2790	13.0014	0.2360	6.3267	0.0614	6.3881	1.8215	0.0587	1.8802		24,962.9244	24,962.9244	1.3412		24,996.4532
Worker	3.7689	1.7044	23.6067	0.1178	19.6661	0.0623	19.7285	5.2164	0.0573	5.2737		11,761.7662	11,761.7662	0.1325		11,765.0789
Total	5.3713	64.9834	36.6080	0.3538	25.9928	0.1237	26.1165	7.0378	0.1160	7.1539		36,724.6906	36,724.6906	1.4737		36,761.5320

3.5 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6024	63.2790	13.0014	0.2360	6.3267	0.0614	6.3881	1.8215	0.0587	1.8802	24,962.9244	24,962.9244	1.3412		24,996.4532	
Worker	3.7689	1.7044	23.6067	0.1178	19.6661	0.0623	19.7285	5.2164	0.0573	5.2737	11,761.7662	11,761.7662	0.1325		11,765.0789	
Total	5.3713	64.9834	36.6080	0.3538	25.9928	0.1237	26.1165	7.0378	0.1160	7.1539	36,724.6906	36,724.6906	1.4737		36,761.5320	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.6024	63.2790	13.0014	0.2360	6.3267	0.0614	6.3881	1.8215	0.0587	1.8802	24,962.9244	24,962.9244	1.3412			24,996.4532
Worker	3.7689	1.7044	23.6067	0.1178	19.6661	0.0623	19.7285	5.2164	0.0573	5.2737	11,761.7662	11,761.7662	0.1325			11,765.0789
Total	5.3713	64.9834	36.6080	0.3538	25.9928	0.1237	26.1165	7.0378	0.1160	7.1539	36,724.6906	36,724.6906	1.4737			36,761.5320

3.6 Paving - 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	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874		2,656.5168	2,656.5168	0.1022		2,659.0727
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874		2,656.5168	2,656.5168	0.1022		2,659.0727

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0236	0.0107	0.1479	7.4000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		73.6953	73.6953	8.3000e-004		73.7160
Total	0.0236	0.0107	0.1479	7.4000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		73.6953	73.6953	8.3000e-004		73.7160

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0236	0.0107	0.1479	7.4000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		73.6953	73.6953	8.3000e-004		73.7160
Total	0.0236	0.0107	0.1479	7.4000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		73.6953	73.6953	8.3000e-004		73.7160

3.6 Paving - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874		2,656.5168	2,656.5168	0.1022		2,659.0727

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Total	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874			2,656.5168	2,656.5168	0.1022		2,659.0727

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0236	0.0107	0.1479	7.4000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		73.6953	73.6953	8.3000e-004		73.7160
Total	0.0236	0.0107	0.1479	7.4000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		73.6953	73.6953	8.3000e-004		73.7160

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0236	0.0107	0.1479	7.4000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		73.6953	73.6953	8.3000e-004		73.7160
Total	0.0236	0.0107	0.1479	7.4000e-004	0.1232	3.9000e-004	0.1236	0.0327	3.6000e-004	0.0330		73.6953	73.6953	8.3000e-004		73.7160

3.7 Architectural Coating - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	55.0314					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		281.7081
Total	55.1492	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		281.7081

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7541	0.3410	4.7233	0.0236	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,353.3358	2,353.3358	0.0265		2,353.9987
Total	0.7541	0.3410	4.7233	0.0236	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,353.3358	2,353.3358	0.0265		2,353.9987

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	55.0314					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	9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	55.1492	0.7577	1.7943	2.9700e-003	9.9000e-003	9.9000e-003	9.9000e-003	9.9000e-003	9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7541	0.3410	4.7233	0.0236	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,353.3358	2,353.3358	0.0265		2,353.9987
Total	0.7541	0.3410	4.7233	0.0236	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,353.3358	2,353.3358	0.0265		2,353.9987

3.7 Architectural Coating - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	55.0314					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		281.7081
Total	55.1492	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		281.7081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7541	0.3410	4.7233	0.0236	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,353.3358	2,353.3358	0.0265		2,353.9987
Total	0.7541	0.3410	4.7233	0.0236	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,353.3358	2,353.3358	0.0265		2,353.9987

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	55.0314					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	0.0000	281.4481	281.4481	0.0104		281.7081
Total	55.1492	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7541	0.3410	4.7233	0.0236	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,353.3358	2,353.3358	0.0265		2,353.9987
Total	0.7541	0.3410	4.7233	0.0236	3.9349	0.0125	3.9473	1.0437	0.0115	1.0552		2,353.3358	2,353.3358	0.0265		2,353.9987

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
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Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	28.5788	0.0000	28.5788	7.0148	0.0000	7.0148	0.0000	0.0000	0.0000		0.0000	
Unmitigated	0.0000	0.0000	0.0000	0.0000	28.5788	0.0000	28.5788	7.0148	0.0000	7.0148	0.0000	0.0000	0.0000		0.0000	

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
General Heavy Industry	0.00	0.00	0.00		
General Light Industry	5,390.11	1,020.80	525.86	11,885,418	11,885,418
Manufacturing	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	5,390.11	1,020.80	525.86	11,885,418	11,885,418

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.571014	0.032844	0.185115	0.100433	0.009020	0.004066	0.018949	0.069354	0.001383	0.001277	0.005285	0.000736	0.000523
General Light Industry	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Manufacturing	0.571014	0.032844	0.185115	0.100433	0.009020	0.004066	0.018949	0.069354	0.001383	0.001277	0.005285	0.000736	0.000523
Unrefrigerated Warehouse-No Rail	0.571014	0.032844	0.185115	0.100433	0.009020	0.004066	0.018949	0.069354	0.001383	0.001277	0.005285	0.000736	0.000523

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	0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914
NaturalGas Unmitigated	0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914

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					
General Heavy Industry	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 Light Industry	68837	0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914
Manufacturing	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
Unrefrigerated Warehouse-No	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		0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Heavy Industry	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 Light Industry	68.837	0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914
Manufacturing	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
Unrefrigerated Warehouse-No Pallet	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		0.7424	6.7487	5.6689	0.0405		0.5129	0.5129		0.5129	0.5129		8,098.4663	8,098.4663	0.1552	0.1485	8,146.5914

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	122.0124	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		1.2473	1.2473	3.2100e-003		1.3276
Unmitigated	122.0124	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		1.2473	1.2473	3.2100e-003		1.3276

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	121.9595					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0529	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003			1.2473	1.2473	3.2100e-003	1.3276
Total	122.0124	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003			1.2473	1.2473	3.2100e-003	1.3276

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	121.9595					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0529	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003			1.2473	1.2473	3.2100e-003	1.3276
Total	122.0124	5.1900e-003	0.5782	4.0000e-005		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003			1.2473	1.2473	3.2100e-003	1.3276

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase Four - Construction Emissions - San Bernardino-Mojave Desert County, Annual

SCLA Specific Plan - Phase Four - Construction Emissions
San Bernardino-Mojave Desert County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	719.23	1000sqft	166.32	719,230.00	0
General Light Industry	388.67	1000sqft	89.88	388,670.00	0
Manufacturing	892.71	1000sqft	206.43	892,710.00	0
Refrigerated Warehouse-No Rail	2,678.12	1000sqft	619.29	2,678,120.00	0
Regional Shopping Center	280.00	1000sqft	64.74	280,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2045
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	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 - Anticipated building sqft and gross lot acreage.

Construction Phase - Anticipated buildout over 5 years.

Demolition -

Grading - Cut & Fill Balanced.

Architectural Coating - MDAQMD Rule 1113 50 g/L VOC limit.

Vehicle Trips - Construction Emissions Only.

Area Coating - Construction Emissions Only.

Energy Use - Construction Emissions Only.

Water And Wastewater - Construction Emissions Only.

Solid Waste - Construction Emissions Only.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Interior	7438095	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	370.00
tblConstructionPhase	NumDays	155,000.00	400.00
tblConstructionPhase	NumDays	10,000.00	120.00
tblConstructionPhase	NumDays	15,500.00	220.00
tblConstructionPhase	NumDays	11,000.00	100.00
tblConstructionPhase	NumDays	6,000.00	120.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00

tblEnergyUse	NT24E	36.52	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	1.92	0.00
tblGrading	MaterialExported	0.00	1,169,500.00
tblGrading	MaterialImported	0.00	1,169,500.00
tblLandUse	LotAcreage	16.51	166.32
tblLandUse	LotAcreage	8.92	89.88
tblLandUse	LotAcreage	20.49	206.43
tblLandUse	LotAcreage	61.48	619.29
tblLandUse	LotAcreage	6.43	64.74
tblSolidWaste	SolidWasteGenerationRate	891.85	0.00
tblSolidWaste	SolidWasteGenerationRate	481.95	0.00
tblSolidWaste	SolidWasteGenerationRate	1,106.96	0.00
tblSolidWaste	SolidWasteGenerationRate	2,517.43	0.00
tblSolidWaste	SolidWasteGenerationRate	294.00	0.00
tblVehicleTrips	ST_TR	1.50	0.00

tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	SU_TR	1.50	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	WD_TR	1.50	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblWater	IndoorWaterUseRate	166,321,937.50	0.00
tblWater	IndoorWaterUseRate	89,879,937.50	0.00
tblWater	IndoorWaterUseRate	206,439,187.50	0.00
tblWater	IndoorWaterUseRate	619,315,250.00	0.00
tblWater	IndoorWaterUseRate	20,740,306.02	0.00
tblWater	OutdoorWaterUseRate	12,711,800.46	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					

2040	0.3553	3.4509	3.1820	0.0207	3.8351	0.0310	3.8661	1.1656	0.0308	1.1964	0.0000	1,939.8315	1,939.8315	0.0840	0.0000	1,941.9308
2041	0.6708	11.0028	5.7579	0.0622	3.1230	0.0399	3.1629	0.9268	0.0391	0.9659	0.0000	5,951.7980	5,951.7980	0.2584	0.0000	5,958.2568
2042	0.6184	8.3198	5.7799	0.0443	2.8685	0.0218	2.8903	0.7782	0.0211	0.7993	0.0000	4,141.3663	4,141.3663	0.1516	0.0000	4,145.1573
2043	3.6600	1.9906	2.3121	0.0120	0.7943	0.0113	0.8056	0.2144	0.0111	0.2255	0.0000	1,110.1142	1,110.1142	0.0374	0.0000	1,111.0494
2044	8.1162	0.1262	0.6925	2.9500e-003	0.4289	2.0300e-003	0.4309	0.1139	1.9500e-003	0.1159	0.0000	265.1699	265.1699	3.2100e-003	0.0000	265.2501
Maximum	8.1162	11.0028	5.7799	0.0622	3.8351	0.0399	3.8661	1.1656	0.0391	1.1964	0.0000	5,951.7980	5,951.7980	0.2584	0.0000	5,958.2568

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					
2040	0.3553	3.4509	3.1820	0.0207	2.1720	0.0310	2.2030	0.6267	0.0308	0.6575	0.0000	1,939.8307	1,939.8307	0.0840	0.0000	1,941.9301
2041	0.6708	11.0028	5.7579	0.0622	2.5198	0.0399	2.5597	0.7137	0.0391	0.7528	0.0000	5,951.7972	5,951.7972	0.2584	0.0000	5,958.2560
2042	0.6184	8.3198	5.7799	0.0443	2.8685	0.0218	2.8903	0.7782	0.0211	0.7993	0.0000	4,141.3659	4,141.3659	0.1516	0.0000	4,145.1569
2043	3.6600	1.9906	2.3121	0.0120	0.7943	0.0113	0.8056	0.2144	0.0111	0.2255	0.0000	1,110.1140	1,110.1140	0.0374	0.0000	1,111.0492
2044	8.1162	0.1262	0.6925	2.9500e-003	0.4289	2.0300e-003	0.4309	0.1139	1.9500e-003	0.1159	0.0000	265.1699	265.1699	3.2100e-003	0.0000	265.2501
Maximum	8.1162	11.0028	5.7799	0.0622	2.8685	0.0399	2.8903	0.7782	0.0391	0.7993	0.0000	5,951.7972	5,951.7972	0.2584	0.0000	5,958.2560

	ROG	NOx	CO	SO2	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	20.51	0.00	20.31	23.51	0.00	22.77	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-2-2040	4-1-2040	0.5734	0.5734
2	4-2-2040	7-1-2040	0.5312	0.5312

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	19.3705	4.1000e-004	0.0453	0.0000	0.0000	1.6000e-004	1.6000e-004	0.0000	1.6000e-004	1.6000e-004	0.0000	0.0886	0.0886	2.3000e-004	0.0000	0.0943

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	19.3705	4.1000e-004	0.0453	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0886	0.0886	2.3000e-004	0.0000	0.0943
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	19.3705	4.1000e-004	0.0453	0.0000	0.0000	1.6000e-004	1.6000e-004	0.0000	1.6000e-004	1.6000e-004	0.0000	0.0886	0.0886	2.3000e-004	0.0000	0.0943

	ROG	NOx	CO	SO2	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	Demolition	Demolition	1/2/2040	6/15/2040	5	120	
2	Site Preparation	Site Preparation	6/16/2040	11/30/2040	5	120	

3	Grading	Grading	11/1/2040	9/4/2041	5	220
4	Building Construction	Building Construction	9/5/2041	3/18/2043	5	400
5	Paving	Paving	3/12/2043	7/29/2043	5	100
6	Architectural Coating	Architectural Coating	7/30/2043	12/28/2044	5	370

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 550

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,438,095; Non-Residential Outdoor: 2,479,365; Striped Parking

OffRoad Equipment

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

Architectural Coating	Air Compressors	1	6.00	78	0.48
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Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	9,647.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	146,188.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,055.00	813.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	411.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 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					
Fugitive Dust					1.0569	0.0000	1.0569	0.1601	0.0000	0.1601	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1019	0.3184	1.1147	2.7700e-003	9.7700e-003	9.7700e-003	9.7700e-003	9.7700e-003	9.7700e-003	9.7700e-003	0.0000	238.3310	238.3310	8.0800e-003	0.0000	238.5329
Total	0.1019	0.3184	1.1147	2.7700e-003	1.0569	9.7700e-003	1.0667	0.1601	9.7700e-003	0.1698	0.0000	238.3310	238.3310	8.0800e-003	0.0000	238.5329

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0188	0.6291	0.1565	3.4200e-003	0.0830	1.0600e-003	0.0841	0.0228	1.0200e-003	0.0238	0.0000	330.7219	330.7219	0.0156	0.0000	331.1124
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-004	5.4000e-004	7.7800e-003	4.0000e-005	7.2500e-003	2.0000e-005	7.2700e-003	1.9300e-003	2.0000e-005	1.9400e-003	0.0000	3.9248	3.9248	3.0000e-005	0.0000	3.9257
Total	0.0197	0.6297	0.1643	3.4600e-003	0.0903	1.0800e-003	0.0913	0.0247	1.0400e-003	0.0258	0.0000	334.6467	334.6467	0.0157	0.0000	335.0380

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4122	0.0000	0.4122	0.0624	0.0000	0.0624	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1019	0.3184	1.1147	2.7700e-003		9.7700e-003	9.7700e-003		9.7700e-003	9.7700e-003	0.0000	238.3307	238.3307	8.0800e-003	0.0000	238.5326
Total	0.1019	0.3184	1.1147	2.7700e-003	0.4122	9.7700e-003	0.4220	0.0624	9.7700e-003	0.0722	0.0000	238.3307	238.3307	8.0800e-003	0.0000	238.5326

Mitigated Construction Off-Site

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

Hauling	0.0188	0.6291	0.1565	3.4200e-003	0.0830	1.0600e-003	0.0841	0.0228	1.0200e-003	0.0238	0.0000	330.7219	330.7219	0.0156	0.0000	331.1124
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-004	5.4000e-004	7.7800e-003	4.0000e-005	7.2500e-003	2.0000e-005	7.2700e-003	1.9300e-003	2.0000e-005	1.9400e-003	0.0000	3.9248	3.9248	3.0000e-005	0.0000	3.9257
Total	0.0197	0.6297	0.1643	3.4600e-003	0.0903	1.0800e-003	0.0913	0.0247	1.0400e-003	0.0258	0.0000	334.6467	334.6467	0.0157	0.0000	335.0380

3.3 Site Preparation - 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					
Fugitive Dust					1.0840	0.0000	1.0840	0.5958	0.0000	0.5958	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1179	0.4797	0.9468	2.7900e-003		0.0122	0.0122		0.0122	0.0122	0.0000	240.0277	240.0277	9.2900e-003	0.0000	240.2600
Total	0.1179	0.4797	0.9468	2.7900e-003	1.0840	0.0122	1.0961	0.5958	0.0122	0.6080	0.0000	240.0277	240.0277	9.2900e-003	0.0000	240.2600

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1600e-003	6.5000e-004	9.3400e-003	5.0000e-005	8.7000e-003	2.0000e-005	8.7200e-003	2.3100e-003	2.0000e-005	2.3300e-003	0.0000	4.7097	4.7097	4.0000e-005	0.0000	4.7108
Total	1.1600e-003	6.5000e-004	9.3400e-003	5.0000e-005	8.7000e-003	2.0000e-005	8.7200e-003	2.3100e-003	2.0000e-005	2.3300e-003	0.0000	4.7097	4.7097	4.0000e-005	0.0000	4.7108

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4228	0.0000	0.4228	0.2324	0.0000	0.2324	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1179	0.4797	0.9468	2.7900e-003		0.0122	0.0122		0.0122	0.0122	0.0000	240.0274	240.0274	9.2900e-003	0.0000	240.2597
Total	0.1179	0.4797	0.9468	2.7900e-003	0.4228	0.0122	0.4349	0.2324	0.0122	0.2445	0.0000	240.0274	240.0274	9.2900e-003	0.0000	240.2597

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1600e-003	6.5000e-004	9.3400e-003	5.0000e-005	8.7000e-003	2.0000e-005	8.7200e-003	2.3100e-003	2.0000e-005	2.3300e-003	0.0000	4.7097	4.7097	4.0000e-005	0.0000	4.7108
Total	1.1600e-003	6.5000e-004	9.3400e-003	5.0000e-005	8.7000e-003	2.0000e-005	8.7200e-003	2.3100e-003	2.0000e-005	2.3300e-003	0.0000	4.7097	4.7097	4.0000e-005	0.0000	4.7108

3.4 Grading - 2040

Unmitigated Construction On-Site

Off-Road	0.0586	0.1589	0.4797	1.5000e-003		4.8400e-003	4.8400e-003		4.8400e-003	4.8400e-003	0.0000	140.6877	140.6877	4.6200e-003	0.0000	140.8033
Total	0.0586	0.1589	0.4797	1.5000e-003	0.2283	4.8400e-003	0.2332	0.0497	4.8400e-003	0.0546	0.0000	140.6877	140.6877	4.6200e-003	0.0000	140.8033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0556	1.8634	0.4635	0.0101	1.0063	3.1400e-003	1.0094	0.2542	3.0100e-003	0.2572	0.0000	979.5534	979.5534	0.0463	0.0000	980.7101
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	2.6000e-004	3.7200e-003	2.0000e-005	3.4700e-003	1.0000e-005	3.4700e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.8752	1.8752	2.0000e-005	0.0000	1.8756
Total	0.0561	1.8636	0.4672	0.0102	1.0098	3.1500e-003	1.0129	0.2551	3.0200e-003	0.2581	0.0000	981.4286	981.4286	0.0463	0.0000	982.5857

3.4 Grading - 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					
Fugitive Dust					0.9889	0.0000	0.9889	0.3493	0.0000	0.3493	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2411	0.6539	1.9746	6.1900e-003		0.0199	0.0199		0.0199	0.0199	0.0000	579.1106	579.1106	0.0190	0.0000	579.5863
Total	0.2411	0.6539	1.9746	6.1900e-003	0.9889	0.0199	1.0088	0.3493	0.0199	0.3692	0.0000	579.1106	579.1106	0.0190	0.0000	579.5863

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.2288	7.6702	1.9077	0.0417	1.1966	0.0129	1.2096	0.3232	0.0124	0.3356	0.0000	4,032.1152	4,032.1152	0.1905	0.0000	4,036.8764
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-003	1.0700e-003	0.0153	9.0000e-005	0.0143	4.0000e-005	0.0143	3.7900e-003	3.0000e-005	3.8200e-003	0.0000	7.7188	7.7188	7.0000e-005	0.0000	7.7204
Total	0.2307	7.6713	1.9230	0.0418	1.2109	0.0130	1.2239	0.3270	0.0124	0.3394	0.0000	4,039.8339	4,039.8339	0.1905	0.0000	4,044.5969

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3857	0.0000	0.3857	0.1362	0.0000	0.1362	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2411	0.6539	1.9746	6.1900e-003		0.0199	0.0199		0.0199	0.0199	0.0000	579.1099	579.1099	0.0190	0.0000	579.5856
Total	0.2411	0.6539	1.9746	6.1900e-003	0.3857	0.0199	0.4056	0.1362	0.0199	0.1562	0.0000	579.1099	579.1099	0.0190	0.0000	579.5856

Mitigated Construction Off-Site

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

Hauling	0.2288	7.6702	1.9077	0.0417	1.1966	0.0129	1.2096	0.3232	0.0124	0.3356	0.0000	4,032.1152	4,032.1152	0.1905	0.0000	4,036.8764
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-003	1.0700e-003	0.0153	9.0000e-005	0.0143	4.0000e-005	0.0143	3.7900e-003	3.0000e-005	3.8200e-003	0.0000	7.7188	7.7188	7.0000e-005	0.0000	7.7204
Total	0.2307	7.6713	1.9230	0.0418	1.2109	0.0130	1.2239	0.3270	0.0124	0.3394	0.0000	4,039.8339	4,039.8339	0.1905	0.0000	4,044.5969

3.5 Building Construction - 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	0.0503	0.2894	0.6770	1.3000e-003		3.1000e-003	3.1000e-003		3.1000e-003	3.1000e-003	0.0000	110.4016	110.4016	3.9700e-003	0.0000	110.5008
Total	0.0503	0.2894	0.6770	1.3000e-003		3.1000e-003	3.1000e-003		3.1000e-003	3.1000e-003	0.0000	110.4016	110.4016	3.9700e-003	0.0000	110.5008

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0563	2.3363	0.4367	8.8200e-003	0.2277	2.1900e-003	0.2299	0.0657	2.1000e-003	0.0678	0.0000	846.0649	846.0649	0.0415	0.0000	847.1030
Worker	0.0925	0.0520	0.7466	4.1500e-003	0.6955	1.7300e-003	0.6972	0.1848	1.5900e-003	0.1863	0.0000	376.3870	376.3870	3.3100e-003	0.0000	376.4698
Total	0.1487	2.3882	1.1832	0.0130	0.9232	3.9200e-003	0.9271	0.2505	3.6900e-003	0.2541	0.0000	1,222.4519	1,222.4519	0.0448	0.0000	1,223.5728

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0503	0.2894	0.6770	1.3000e-003		3.1000e-003	3.1000e-003		3.1000e-003	3.1000e-003	0.0000	110.4015	110.4015	3.9700e-003	0.0000	110.5007
Total	0.0503	0.2894	0.6770	1.3000e-003		3.1000e-003	3.1000e-003		3.1000e-003	3.1000e-003	0.0000	110.4015	110.4015	3.9700e-003	0.0000	110.5007

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0563	2.3363	0.4367	8.8200e-003	0.2277	2.1900e-003	0.2299	0.0657	2.1000e-003	0.0678	0.0000	846.0649	846.0649	0.0415	0.0000	847.1030
Worker	0.0925	0.0520	0.7466	4.1500e-003	0.6955	1.7300e-003	0.6972	0.1848	1.5900e-003	0.1863	0.0000	376.3870	376.3870	3.3100e-003	0.0000	376.4698
Total	0.1487	2.3882	1.1832	0.0130	0.9232	3.9200e-003	0.9271	0.2505	3.6900e-003	0.2541	0.0000	1,222.4519	1,222.4519	0.0448	0.0000	1,223.5728

3.5 Building Construction - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1748	7.2591	1.3568	0.0274	0.7075	6.8200e-003	0.7143	0.2042	6.5200e-003	0.2107	0.0000	2,628.8445	2,628.8445	0.1290	0.0000	2,632.0699
Worker	0.2873	0.1615	2.3197	0.0129	2.1611	5.3900e-003	2.1664	0.5740	4.9500e-003	0.5790	0.0000	1,169.4881	1,169.4881	0.0103	0.0000	1,169.7455
Total	0.4622	7.4206	3.6764	0.0403	2.8685	0.0122	2.8807	0.7782	0.0115	0.7897	0.0000	3,798.3327	3,798.3327	0.1393	0.0000	3,801.8154

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1748	7.2591	1.3568	0.0274	0.7075	6.8200e-003	0.7143	0.2042	6.5200e-003	0.2107	0.0000	2,628.8445	2,628.8445	0.1290	0.0000	2,632.0699
Worker	0.2873	0.1615	2.3197	0.0129	2.1611	5.3900e-003	2.1664	0.5740	4.9500e-003	0.5790	0.0000	1,169.4881	1,169.4881	0.0103	0.0000	1,169.7455
Total	0.4622	7.4206	3.6764	0.0403	2.8685	0.0122	2.8807	0.7782	0.0115	0.7897	0.0000	3,798.3327	3,798.3327	0.1393	0.0000	3,801.8154

3.5 Building Construction - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0329	0.1895	0.4433	8.5000e-004		2.0300e-003	2.0300e-003		2.0300e-003	2.0300e-003	0.0000	72.2868	72.2868	2.6000e-003	0.0000	72.3517
Total	0.0329	0.1895	0.4433	8.5000e-004		2.0300e-003	2.0300e-003		2.0300e-003	2.0300e-003	0.0000	72.2868	72.2868	2.6000e-003	0.0000	72.3517

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0368	1.5297	0.2859	5.7700e-003	0.1491	1.4400e-003	0.1505	0.0430	1.3700e-003	0.0444	0.0000	553.9711	553.9711	0.0272	0.0000	554.6508
Worker	0.0606	0.0340	0.4888	2.7200e-003	0.4554	1.1400e-003	0.4565	0.1210	1.0400e-003	0.1220	0.0000	246.4439	246.4439	2.1700e-003	0.0000	246.4981
Total	0.0974	1.5637	0.7747	8.4900e-003	0.6045	2.5800e-003	0.6071	0.1640	2.4100e-003	0.1664	0.0000	800.4149	800.4149	0.0294	0.0000	801.1489

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0329	0.1895	0.4433	8.5000e-004		2.0300e-003	2.0300e-003		2.0300e-003	2.0300e-003	0.0000	72.2867	72.2867	2.6000e-003	0.0000	72.3517
Total	0.0329	0.1895	0.4433	8.5000e-004		2.0300e-003	2.0300e-003		2.0300e-003	2.0300e-003	0.0000	72.2867	72.2867	2.6000e-003	0.0000	72.3517

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0368	1.5297	0.2859	5.7700e-003	0.1491	1.4400e-003	0.1505	0.0430	1.3700e-003	0.0444	0.0000	553.9711	553.9711	0.0272	0.0000	554.6508
Worker	0.0606	0.0340	0.4888	2.7200e-003	0.4554	1.1400e-003	0.4565	0.1210	1.0400e-003	0.1220	0.0000	246.4439	246.4439	2.1700e-003	0.0000	246.4981
Total	0.0974	1.5637	0.7747	8.4900e-003	0.6045	2.5800e-003	0.6071	0.1640	2.4100e-003	0.1664	0.0000	800.4149	800.4149	0.0294	0.0000	801.1489

3.6 Paving - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0506	0.1828	0.7909	1.4000e-003		5.8200e-003	5.8200e-003		5.8200e-003	5.8200e-003	0.0000	120.4976	120.4976	4.0500e-003	0.0000	120.5988
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0506	0.1828	0.7909	1.4000e-003		5.8200e-003	5.8200e-003		5.8200e-003	5.8200e-003	0.0000	120.4976	120.4976	4.0500e-003	0.0000	120.5988

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-004	4.5000e-004	6.4900e-003	4.0000e-005	6.0400e-003	2.0000e-005	6.0600e-003	1.6100e-003	1.0000e-005	1.6200e-003	0.0000	3.2707	3.2707	3.0000e-005	0.0000	3.2714
Total	8.0000e-004	4.5000e-004	6.4900e-003	4.0000e-005	6.0400e-003	2.0000e-005	6.0600e-003	1.6100e-003	1.0000e-005	1.6200e-003	0.0000	3.2707	3.2707	3.0000e-005	0.0000	3.2714

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0506	0.1828	0.7909	1.4000e-003		5.8200e-003	5.8200e-003		5.8200e-003	5.8200e-003	0.0000	120.4974	120.4974	4.0500e-003	0.0000	120.5987
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0506	0.1828	0.7909	1.4000e-003		5.8200e-003	5.8200e-003		5.8200e-003	5.8200e-003	0.0000	120.4974	120.4974	4.0500e-003	0.0000	120.5987

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-004	4.5000e-004	6.4900e-003	4.0000e-005	6.0400e-003	2.0000e-005	6.0600e-003	1.6100e-003	1.0000e-005	1.6200e-003	0.0000	3.2707	3.2707	3.0000e-005	0.0000	3.2714
Total	8.0000e-004	4.5000e-004	6.4900e-003	4.0000e-005	6.0400e-003	2.0000e-005	6.0600e-003	1.6100e-003	1.0000e-005	1.6200e-003	0.0000	3.2707	3.2707	3.0000e-005	0.0000	3.2714

3.7 Architectural Coating - 2043

Unmitigated Construction On-Site

Off-Road	6.3800e-003	0.0404	0.0995	1.6000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	14.1705	14.1705	5.0000e-004	0.0000	14.1830
Total	3.4539	0.0404	0.0995	1.6000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	14.1705	14.1705	5.0000e-004	0.0000	14.1830

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0244	0.0137	0.1973	1.1000e-003	0.1838	4.6000e-004	0.1843	0.0488	4.2000e-004	0.0493	0.0000	99.4737	99.4737	8.8000e-004	0.0000	99.4956
Total	0.0244	0.0137	0.1973	1.1000e-003	0.1838	4.6000e-004	0.1843	0.0488	4.2000e-004	0.0493	0.0000	99.4737	99.4737	8.8000e-004	0.0000	99.4956

3.7 Architectural Coating - 2044

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.0443					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0149	0.0942	0.2321	3.8000e-004		9.6000e-004	9.6000e-004		9.6000e-004	9.6000e-004	0.0000	33.0646	33.0646	1.1600e-003	0.0000	33.0937
Total	8.0592	0.0942	0.2321	3.8000e-004		9.6000e-004	9.6000e-004		9.6000e-004	9.6000e-004	0.0000	33.0646	33.0646	1.1600e-003	0.0000	33.0937

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0570	0.0320	0.4604	2.5600e-003	0.4289	1.0700e-003	0.4300	0.1139	9.8000e-004	0.1149	0.0000	232.1053	232.1053	2.0400e-003	0.0000	232.1564
Total	0.0570	0.0320	0.4604	2.5600e-003	0.4289	1.0700e-003	0.4300	0.1139	9.8000e-004	0.1149	0.0000	232.1053	232.1053	2.0400e-003	0.0000	232.1564

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.0443					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0149	0.0942	0.2321	3.8000e-004		9.6000e-004	9.6000e-004		9.6000e-004	9.6000e-004	0.0000	33.0646	33.0646	1.1600e-003	0.0000	33.0937
Total	8.0592	0.0942	0.2321	3.8000e-004		9.6000e-004	9.6000e-004		9.6000e-004	9.6000e-004	0.0000	33.0646	33.0646	1.1600e-003	0.0000	33.0937

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0570	0.0320	0.4604	2.5600e-003	0.4289	1.0700e-003	0.4300	0.1139	9.8000e-004	0.1149	0.0000	232.1053	232.1053	2.0400e-003	0.0000	232.1564
Total	0.0570	0.0320	0.4604	2.5600e-003	0.4289	1.0700e-003	0.4300	0.1139	9.8000e-004	0.1149	0.0000	232.1053	232.1053	2.0400e-003	0.0000	232.1564

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
General Heavy Industry	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

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	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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000

Landscaping	4.1400e-003	4.1000e-004	0.0453	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0886	0.0886	2.3000e-004	0.0000	0.0943
Total	19.3705	4.1000e-004	0.0453	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0886	0.0886	2.3000e-004	0.0000	0.0943

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	19.3663					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.1400e-003	4.1000e-004	0.0453	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0886	0.0886	2.3000e-004	0.0000	0.0943
Total	19.3705	4.1000e-004	0.0453	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0886	0.0886	2.3000e-004	0.0000	0.0943

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			
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0 / 0	0.0000	0.0000	0.0000	0.0000

Total		0.0000	0.0000	0.0000	0.0000
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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			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000

Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase Four - Construction Emissions - San Bernardino-Mojave Desert County, Summer

SCLA Specific Plan - Phase Four - Construction Emissions
San Bernardino-Mojave Desert County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	719.23	1000sqft	166.32	719,230.00	0
General Light Industry	388.67	1000sqft	89.88	388,670.00	0
Manufacturing	892.71	1000sqft	206.43	892,710.00	0
Refrigerated Warehouse-No Rail	2,678.12	1000sqft	619.29	2,678,120.00	0
Regional Shopping Center	280.00	1000sqft	64.74	280,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2045
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	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 - Anticipated building sqft and gross lot acreage.

Construction Phase - Anticipated buildout over 5 years.

Demolition -

Grading - Cut & Fill Balanced.

Architectural Coating - MDAQMD Rule 1113 50 g/L VOC limit.

Vehicle Trips - Construction Emissions Only.

Area Coating - Construction Emissions Only.

Energy Use - Construction Emissions Only.

Water And Wastewater - Construction Emissions Only.

Solid Waste - Construction Emissions Only.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Interior	7438095	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	370.00
tblConstructionPhase	NumDays	155,000.00	400.00
tblConstructionPhase	NumDays	10,000.00	120.00
tblConstructionPhase	NumDays	15,500.00	220.00
tblConstructionPhase	NumDays	11,000.00	100.00
tblConstructionPhase	NumDays	6,000.00	120.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00

tblEnergyUse	NT24E	36.52	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	1.92	0.00
tblGrading	MaterialExported	0.00	1,169,500.00
tblGrading	MaterialImported	0.00	1,169,500.00
tblLandUse	LotAcreage	16.51	166.32
tblLandUse	LotAcreage	8.92	89.88
tblLandUse	LotAcreage	20.49	206.43
tblLandUse	LotAcreage	61.48	619.29
tblLandUse	LotAcreage	6.43	64.74
tblSolidWaste	SolidWasteGenerationRate	891.85	0.00
tblSolidWaste	SolidWasteGenerationRate	481.95	0.00
tblSolidWaste	SolidWasteGenerationRate	1,106.96	0.00
tblSolidWaste	SolidWasteGenerationRate	2,517.43	0.00
tblSolidWaste	SolidWasteGenerationRate	294.00	0.00
tblVehicleTrips	ST_TR	1.50	0.00

tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	SU_TR	1.50	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	WD_TR	1.50	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblWater	IndoorWaterUseRate	166,321,937.50	0.00
tblWater	IndoorWaterUseRate	89,879,937.50	0.00
tblWater	IndoorWaterUseRate	206,439,187.50	0.00
tblWater	IndoorWaterUseRate	619,315,250.00	0.00
tblWater	IndoorWaterUseRate	20,740,306.02	0.00
tblWater	OutdoorWaterUseRate	12,711,800.46	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					

2040	7.2715	101.0649	59.1016	0.5947	76.3348	0.5741	76.9089	25.8998	0.5678	26.4676	0.0000	62,589.5772	62,589.5772	2.7072	0.0000	62,657.2564
2041	5.2846	93.0607	46.7824	0.5472	24.0921	0.3712	24.4633	7.5774	0.3649	7.9423	0.0000	58,085.4094	58,085.4094	2.5356	0.0000	58,148.7995
2042	4.9166	63.5165	46.7824	0.3520	22.3884	0.1670	22.5554	6.0632	0.1614	6.2246	0.0000	36,223.7576	36,223.7576	1.2437	0.0000	36,254.8498
2043	62.7159	67.1813	62.7539	0.3809	22.5117	0.2837	22.7953	6.0959	0.2781	6.3740	0.0000	38,958.9529	38,958.9529	1.3337	0.0000	38,992.2950
2044	62.7159	0.9523	6.0072	0.0246	3.3763	0.0157	3.3920	0.8955	0.0150	0.9106	0.0000	2,437.2387	2,437.2387	0.0294	0.0000	2,437.9739
Maximum	62.7159	101.0649	62.7539	0.5947	76.3348	0.5741	76.9089	25.8998	0.5678	26.4676	0.0000	62,589.5772	62,589.5772	2.7072	0.0000	62,657.2564

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					
2040	7.2715	101.0649	59.1016	0.5947	59.1123	0.5741	59.6864	17.5102	0.5678	18.0780	0.0000	62,589.5772	62,589.5772	2.7072	0.0000	62,657.2564
2041	5.2846	93.0607	46.7824	0.5472	22.3884	0.3712	22.5554	6.0632	0.3649	6.2246	0.0000	58,085.4094	58,085.4094	2.5356	0.0000	58,148.7995
2042	4.9166	63.5165	46.7824	0.3520	22.3884	0.1670	22.5554	6.0632	0.1614	6.2246	0.0000	36,223.7576	36,223.7576	1.2437	0.0000	36,254.8498
2043	62.7159	67.1813	62.7539	0.3809	22.5117	0.2837	22.7953	6.0959	0.2781	6.3740	0.0000	38,958.9529	38,958.9529	1.3337	0.0000	38,992.2950
2044	62.7159	0.9523	6.0072	0.0246	3.3763	0.0157	3.3920	0.8955	0.0150	0.9106	0.0000	2,437.2387	2,437.2387	0.0294	0.0000	2,437.9739
Maximum	62.7159	101.0649	62.7539	0.5947	59.1123	0.5741	59.6864	17.5102	0.5678	18.0780	0.0000	62,589.5772	62,589.5772	2.7072	0.0000	62,657.2564

	ROG	NOx	CO	SO2	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	12.73	0.00	12.74	21.28	0.00	21.09	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	106.1629	4.5200e-003	0.5031	4.0000e-005		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003		1.1551
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	106.1629	4.5200e-003	0.5031	4.0000e-005	0.0000	1.7800e-003	1.7800e-003	0.0000	1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003	0.0000	1.1551

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	106.1629	4.5200e-003	0.5031	4.0000e-005		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003		1.1551
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	106.1629	4.5200e-003	0.5031	4.0000e-005	0.0000	1.7800e-003	1.7800e-003	0.0000	1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003	0.0000	1.1551

	ROG	NOx	CO	SO2	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	Demolition	Demolition	1/2/2040	6/15/2040	5	120	
2	Site Preparation	Site Preparation	6/16/2040	11/30/2040	5	120	
3	Grading	Grading	11/1/2040	9/4/2041	5	220	
4	Building Construction	Building Construction	9/5/2041	3/18/2043	5	400	
5	Paving	Paving	3/12/2043	7/29/2043	5	100	
6	Architectural Coating	Architectural Coating	7/30/2043	12/28/2044	5	370	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 550

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,438,095; Non-Residential Outdoor: 2,479,365; Striped Parking

OffRoad Equipment

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

Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Demolition	6	15.00	0.00	9,647.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	146,188.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,055.00	813.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	411.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 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					
Fugitive Dust					17.6154	0.0000	17.6154	2.6676	0.0000	2.6676			0.0000			0.0000
Off-Road	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629		4,378.5819	4,378.5819	0.1484		4,382.2921
Total	1.6982	5.3064	18.5788	0.0462	17.6154	0.1629	17.7783	2.6676	0.1629	2.8305		4,378.5819	4,378.5819	0.1484		4,382.2921

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3069	10.3635	2.4947	0.0576	1.4066	0.0176	1.4242	0.3856	0.0169	0.4025		6,141.9585	6,141.9585	0.2780		6,148.9078
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0176	8.2200e-003	0.1538	7.9000e-004	0.1232	3.0000e-004	0.1235	0.0327	2.8000e-004	0.0330		78.6785	78.6785	7.1000e-004		78.6963
Total	0.3246	10.3717	2.6485	0.0584	1.5298	0.0179	1.5477	0.4183	0.0172	0.4354		6,220.6370	6,220.6370	0.2787		6,227.6041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8700	0.0000	6.8700	1.0404	0.0000	1.0404			0.0000			0.0000
Off-Road	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629	0.0000	4,378.5819	4,378.5819	0.1484		4,382.2920
Total	1.6982	5.3064	18.5788	0.0462	6.8700	0.1629	7.0329	1.0404	0.1629	1.2033	0.0000	4,378.5819	4,378.5819	0.1484		4,382.2920

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3069	10.3635	2.4947	0.0576	1.4066	0.0176	1.4242	0.3856	0.0169	0.4025		6,141.9585	6,141.9585	0.2780		6,148.9078
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0176	8.2200e-003	0.1538	7.9000e-004	0.1232	3.0000e-004	0.1235	0.0327	2.8000e-004	0.0330		78.6785	78.6785	7.1000e-004		78.6963
Total	0.3246	10.3717	2.6485	0.0584	1.5298	0.0179	1.5477	0.4183	0.0172	0.4354		6,220.6370	6,220.6370	0.2787		6,227.6041

3.3 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026		4,409.7537	4,409.7537	0.1707		4,414.0214
Total	1.9657	7.9943	15.7797	0.0466	18.0663	0.2026	18.2688	9.9307	0.2026	10.1333		4,409.7537	4,409.7537	0.1707		4,414.0214

Unmitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0212	9.8700e-003	0.1846	9.5000e-004	0.1479	3.6000e-004	0.1482	0.0392	3.3000e-004	0.0396		94.4142	94.4142	8.5000e-004		94.4355
Total	0.0212	9.8700e-003	0.1846	9.5000e-004	0.1479	3.6000e-004	0.1482	0.0392	3.3000e-004	0.0396		94.4142	94.4142	8.5000e-004		94.4355

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214
Total	1.9657	7.9943	15.7797	0.0466	7.0458	0.2026	7.2484	3.8730	0.2026	4.0755	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0212	9.8700e-003	0.1846	9.5000e-004	0.1479	3.6000e-004	0.1482	0.0392	3.3000e-004	0.0396		94.4142	94.4142	8.5000e-004		94.4355
Total	0.0212	9.8700e-003	0.1846	9.5000e-004	0.1479	3.6000e-004	0.1482	0.0392	3.3000e-004	0.0396		94.4142	94.4142	8.5000e-004		94.4355

3.4 Grading - 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					
Fugitive Dust					10.1673	0.0000	10.1673	3.8227	0.0000	3.8227			0.0000			0.0000
Off-Road	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250		7,213.1086	7,213.1086	0.2370		7,219.0343
Total	2.7241	7.3885	22.3122	0.0699	10.1673	0.2250	10.3923	3.8227	0.2250	4.0478		7,213.1086	7,213.1086	0.2370		7,219.0343

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.5370	85.6613	20.6200	0.4762	47.7890	0.1458	47.9348	12.0636	0.1395	12.2031		50,767.3962	50,767.3962	2.2976		50,824.8368
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0110	0.2051	1.0500e-003	0.1643	4.0000e-004	0.1647	0.0436	3.7000e-004	0.0440		104.9047	104.9047	9.5000e-004		104.9284
Total	2.5605	85.6723	20.8251	0.4772	47.9533	0.1462	48.0995	12.1072	0.1398	12.2470		50,872.3008	50,872.3008	2.2986		50,929.7652

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					3.9653	0.0000	3.9653	1.4909	0.0000	1.4909			0.0000			0.0000
Off-Road	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250	0.0000	7,213.1086	7,213.1086	0.2370		7,219.0343
Total	2.7241	7.3885	22.3122	0.0699	3.9653	0.2250	4.1903	1.4909	0.2250	1.7159	0.0000	7,213.1086	7,213.1086	0.2370		7,219.0343

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.5370	85.6613	20.6200	0.4762	47.7890	0.1458	47.9348	12.0636	0.1395	12.2031		50,767.3962	50,767.3962	2.2976		50,824.8368
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0110	0.2051	1.0500e-003	0.1643	4.0000e-004	0.1647	0.0436	3.7000e-004	0.0440		104.9047	104.9047	9.5000e-004		104.9284
Total	2.5605	85.6723	20.8251	0.4772	47.9533	0.1462	48.0995	12.1072	0.1398	12.2470		50,872.3008	50,872.3008	2.2986		50,929.7652

3.4 Grading - 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					
Fugitive Dust					10.1673	0.0000	10.1673	3.8227	0.0000	3.8227			0.0000			0.0000
Off-Road	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250		7,213.1086	7,213.1086	0.2370		7,219.0343

Total	2.7241	7.3885	22.3122	0.0699	10.1673	0.2250	10.3923	3.8227	0.2250	4.0478		7,213.1086	7,213.1086	0.2370		7,219.0343
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.5370	85.6613	20.6200	0.4762	13.7605	0.1458	13.9063	3.7111	0.1395	3.8506		50,767.3962	50,767.3962	2.2976		50,824.8368
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0110	0.2051	1.0500e-003	0.1643	4.0000e-004	0.1647	0.0436	3.7000e-004	0.0440		104.9047	104.9047	9.5000e-004		104.9284
Total	2.5605	85.6723	20.8251	0.4772	13.9248	0.1462	14.0710	3.7547	0.1398	3.8946		50,872.3008	50,872.3008	2.2986		50,929.7652

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.9653	0.0000	3.9653	1.4909	0.0000	1.4909			0.0000			0.0000
Off-Road	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250	0.0000	7,213.1086	7,213.1086	0.2370		7,219.0343
Total	2.7241	7.3885	22.3122	0.0699	3.9653	0.2250	4.1903	1.4909	0.2250	1.7159	0.0000	7,213.1086	7,213.1086	0.2370		7,219.0343

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.5370	85.6613	20.6200	0.4762	13.7605	0.1458	13.9063	3.7111	0.1395	3.8506		50,767.3962	50,767.3962	2.2976		50,824.8368
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0110	0.2051	1.0500e-003	0.1643	4.0000e-004	0.1647	0.0436	3.7000e-004	0.0440		104.9047	104.9047	9.5000e-004		104.9284
Total	2.5605	85.6723	20.8251	0.4772	13.9248	0.1462	14.0710	3.7547	0.1398	3.8946		50,872.3008	50,872.3008	2.2986		50,929.7652

3.5 Building Construction - 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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3051	55.4997	9.5895	0.2131	5.5071	0.0520	5.5591	1.5855	0.0497	1.6352	22,547.2574	22,547.2574	1.0420		22,573.3084	
Worker	2.4145	1.1265	21.0744	0.1079	16.8813	0.0413	16.9226	4.4777	0.0380	4.5157	10,778.9531	10,778.9531	0.0975		10,781.3911	
Total	3.7196	56.6262	30.6639	0.3211	22.3884	0.0932	22.4817	6.0632	0.0876	6.1509	33,326.2105	33,326.2105	1.1396		33,354.6995	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3051	55.4997	9.5895	0.2131	5.5071	0.0520	5.5591	1.5855	0.0497	1.6352	22,547.2574	22,547.2574	1.0420			22,573.3084
Worker	2.4145	1.1265	21.0744	0.1079	16.8813	0.0413	16.9226	4.4777	0.0380	4.5157	10,778.9531	10,778.9531	0.0975			10,781.3911
Total	3.7196	56.6262	30.6639	0.3211	22.3884	0.0932	22.4817	6.0632	0.0876	6.1509	33,326.2105	33,326.2105	1.1396			33,354.6995

3.5 Building Construction - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3051	55.4997	9.5895	0.2131	5.5071	0.0520	5.5591	1.5855	0.0497	1.6352		22,547.2574	22,547.2574	1.0420		22,573.3084
Worker	2.4145	1.1265	21.0744	0.1079	16.8813	0.0413	16.9226	4.4777	0.0380	4.5157		10,778.9531	10,778.9531	0.0975		10,781.3911
Total	3.7196	56.6262	30.6639	0.3211	22.3884	0.0932	22.4817	6.0632	0.0876	6.1509		33,326.2105	33,326.2105	1.1396		33,354.6995

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3051	55.4997	9.5895	0.2131	5.5071	0.0520	5.5591	1.5855	0.0497	1.6352		22,547.2574	22,547.2574	1.0420		22,573.3084
Worker	2.4145	1.1265	21.0744	0.1079	16.8813	0.0413	16.9226	4.4777	0.0380	4.5157		10,778.9531	10,778.9531	0.0975		10,781.3911
Total	3.7196	56.6262	30.6639	0.3211	22.3884	0.0932	22.4817	6.0632	0.0876	6.1509		33,326.2105	33,326.2105	1.1396		33,354.6995

3.5 Building Construction - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3051	55.4997	9.5895	0.2131	5.5071	0.0520	5.5591	1.5855	0.0497	1.6352		22,547.2574	22,547.2574	1.0420		22,573.3084
Worker	2.4145	1.1265	21.0744	0.1079	16.8813	0.0413	16.9226	4.4777	0.0380	4.5157		10,778.9531	10,778.9531	0.0975		10,781.3911
Total	3.7196	56.6262	30.6639	0.3211	22.3884	0.0932	22.4817	6.0632	0.0876	6.1509		33,326.2105	33,326.2105	1.1396		33,354.6995

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	1.3051	55.4997	9.5895	0.2131	5.5071	0.0520	5.5591	1.5855	0.0497	1.6352		22,547.2574	22,547.2574	1.0420			22,573.3084
Worker	2.4145	1.1265	21.0744	0.1079	16.8813	0.0413	16.9226	4.4777	0.0380	4.5157		10,778.9531	10,778.9531	0.0975			10,781.3911
Total	3.7196	56.6262	30.6639	0.3211	22.3884	0.0932	22.4817	6.0632	0.0876	6.1509		33,326.2105	33,326.2105	1.1396			33,354.6995

3.6 Paving - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893			2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893			2,658.7489

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0176	8.2200e-003	0.1538	7.9000e-004	0.1232	3.0000e-004	0.1235	0.0327	2.8000e-004	0.0330		78.6785	78.6785	7.1000e-004		78.6963
Total	0.0176	8.2200e-003	0.1538	7.9000e-004	0.1232	3.0000e-004	0.1235	0.0327	2.8000e-004	0.0330		78.6785	78.6785	7.1000e-004		78.6963

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0176	8.2200e-003	0.1538	7.9000e-004	0.1232	3.0000e-004	0.1235	0.0327	2.8000e-004	0.0330		78.6785	78.6785	7.1000e-004		78.6963
Total	0.0176	8.2200e-003	0.1538	7.9000e-004	0.1232	3.0000e-004	0.1235	0.0327	2.8000e-004	0.0330		78.6785	78.6785	7.1000e-004		78.6963

3.7 Architectural Coating - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.1181					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		281.6957
Total	62.2330	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		281.6957

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4829	0.2253	4.2149	0.0216	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		2,155.7906	2,155.7906	0.0195		2,156.2782
Total	0.4829	0.2253	4.2149	0.0216	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		2,155.7906	2,155.7906	0.0195		2,156.2782

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.1181					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	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	62.2330	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4829	0.2253	4.2149	0.0216	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		2,155.7906	2,155.7906	0.0195		2,156.2782
Total	0.4829	0.2253	4.2149	0.0216	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		2,155.7906	2,155.7906	0.0195		2,156.2782

3.7 Architectural Coating - 2044

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.1181					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		281.6957
Total	62.2330	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		281.6957

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4829	0.2253	4.2149	0.0216	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		2,155.7906	2,155.7906	0.0195		2,156.2782
Total	0.4829	0.2253	4.2149	0.0216	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		2,155.7906	2,155.7906	0.0195		2,156.2782

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.1181					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	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	62.2330	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4829	0.2253	4.2149	0.0216	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		2,155.7906	2,155.7906	0.0195		2,156.2782
Total	0.4829	0.2253	4.2149	0.0216	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		2,155.7906	2,155.7906	0.0195		2,156.2782

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

General Heavy Industry	0.00	0.00	0.00
General Light Industry	0.00	0.00	0.00
Manufacturing	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00
Regional Shopping Center	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Refrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
General Light Industry	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
Manufacturing	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
Refrigerated Warehouse-No Rail	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
Regional Shopping Center	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512

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
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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					
General Heavy Industry	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 Light Industry	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
Manufacturing	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
Refrigerated Warehouse-No	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
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

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					
General Heavy Industry	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 Light Industry	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
Manufacturing	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
Refrigerated Warehouse-No	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
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	106.1629	4.5200e-003	0.5031	4.0000e-005		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003			1.1551
Unmitigated	106.1629	4.5200e-003	0.5031	4.0000e-005		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003			1.1551

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	106.1168				0.0000	0.0000		0.0000	0.0000		0.0000		0.0000	
Landscaping	0.0460	4.5200e-003	0.5031	4.0000e-005	1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003	1.1551
Total	106.1629	4.5200e-003	0.5031	4.0000e-005	1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003	1.1551

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	106.1168					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0460	4.5200e-003	0.5031	4.0000e-005		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003			1.0852	1.0852	2.8000e-003	1.1551
Total	106.1629	4.5200e-003	0.5031	4.0000e-005		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003			1.0852	1.0852	2.8000e-003	1.1551

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase Four - Construction Emissions - San Bernardino-Mojave Desert County, Winter

SCLA Specific Plan - Phase Four - Construction Emissions
San Bernardino-Mojave Desert County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	719.23	1000sqft	166.32	719,230.00	0
General Light Industry	388.67	1000sqft	89.88	388,670.00	0
Manufacturing	892.71	1000sqft	206.43	892,710.00	0
Refrigerated Warehouse-No Rail	2,678.12	1000sqft	619.29	2,678,120.00	0
Regional Shopping Center	280.00	1000sqft	64.74	280,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2045
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	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 - Anticipated building sqft and gross lot acreage.

Construction Phase - Anticipated buildout over 5 years.

Demolition -

Grading - Cut & Fill Balanced.

Architectural Coating - MDAQMD Rule 1113 50 g/L VOC limit.

Vehicle Trips - Construction Emissions Only.

Area Coating - Construction Emissions Only.

Energy Use - Construction Emissions Only.

Water And Wastewater - Construction Emissions Only.

Solid Waste - Construction Emissions Only.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Interior	7438095	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	370.00
tblConstructionPhase	NumDays	155,000.00	400.00
tblConstructionPhase	NumDays	10,000.00	120.00
tblConstructionPhase	NumDays	15,500.00	220.00
tblConstructionPhase	NumDays	11,000.00	100.00
tblConstructionPhase	NumDays	6,000.00	120.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	5.02	0.00

tblEnergyUse	NT24E	36.52	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	1.92	0.00
tblGrading	MaterialExported	0.00	1,169,500.00
tblGrading	MaterialImported	0.00	1,169,500.00
tblLandUse	LotAcreage	16.51	166.32
tblLandUse	LotAcreage	8.92	89.88
tblLandUse	LotAcreage	20.49	206.43
tblLandUse	LotAcreage	61.48	619.29
tblLandUse	LotAcreage	6.43	64.74
tblSolidWaste	SolidWasteGenerationRate	891.85	0.00
tblSolidWaste	SolidWasteGenerationRate	481.95	0.00
tblSolidWaste	SolidWasteGenerationRate	1,106.96	0.00
tblSolidWaste	SolidWasteGenerationRate	2,517.43	0.00
tblSolidWaste	SolidWasteGenerationRate	294.00	0.00
tblVehicleTrips	ST_TR	1.50	0.00

tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	SU_TR	1.50	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	WD_TR	1.50	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblWater	IndoorWaterUseRate	166,321,937.50	0.00
tblWater	IndoorWaterUseRate	89,879,937.50	0.00
tblWater	IndoorWaterUseRate	206,439,187.50	0.00
tblWater	IndoorWaterUseRate	619,315,250.00	0.00
tblWater	IndoorWaterUseRate	20,740,306.02	0.00
tblWater	OutdoorWaterUseRate	12,711,800.46	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					

2040	7.3867	100.4593	61.1039	0.5822	76.3348	0.5752	76.9100	25.8998	0.5688	26.4686	0.0000	61,270.41 62	61,270.416 2	2.8787	0.0000	61,342.38 40
2041	5.3995	92.4547	45.1761	0.5348	24.0921	0.3723	24.4644	7.5774	0.3659	7.9434	0.0000	56,775.99 51	56,775.995 1	2.7073	0.0000	56,843.67 65
2042	5.0398	62.7990	44.1922	0.3332	22.3884	0.1677	22.5561	6.0632	0.1620	6.2252	0.0000	34,297.05 98	34,297.059 8	1.3392	0.0000	34,330.54 02
2043	62.7243	66.4641	60.1333	0.3619	22.5117	0.2844	22.7960	6.0959	0.2787	6.3746	0.0000	37,024.13 28	37,024.132 8	1.4291	0.0000	37,059.86 08
2044	62.7243	0.9614	5.1751	0.0223	3.3763	0.0157	3.3920	0.8955	0.0150	0.9106	0.0000	2,214.689 1	2,214.6891	0.0269	0.0000	2,215.360 9
Maximum	62.7243	100.4593	61.1039	0.5822	76.3348	0.5752	76.9100	25.8998	0.5688	26.4686	0.0000	61,270.41 62	61,270.416 2	2.8787	0.0000	61,342.38 40

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					
2040	7.3867	100.4593	61.1039	0.5822	59.1123	0.5752	59.6875	17.5102	0.5688	18.0791	0.0000	61,270.41 62	61,270.416 2	2.8787	0.0000	61,342.38 40
2041	5.3995	92.4547	45.1761	0.5348	22.3884	0.3723	22.5561	6.0632	0.3659	6.2252	0.0000	56,775.99 51	56,775.995 1	2.7073	0.0000	56,843.67 65
2042	5.0398	62.7990	44.1922	0.3332	22.3884	0.1677	22.5561	6.0632	0.1620	6.2252	0.0000	34,297.05 98	34,297.059 8	1.3392	0.0000	34,330.54 02
2043	62.7243	66.4641	60.1333	0.3619	22.5117	0.2844	22.7960	6.0959	0.2787	6.3746	0.0000	37,024.13 28	37,024.132 8	1.4291	0.0000	37,059.86 08
2044	62.7243	0.9614	5.1751	0.0223	3.3763	0.0157	3.3920	0.8955	0.0150	0.9106	0.0000	2,214.689 1	2,214.6891	0.0269	0.0000	2,215.360 9
Maximum	62.7243	100.4593	61.1039	0.5822	59.1123	0.5752	59.6875	17.5102	0.5688	18.0791	0.0000	61,270.41 62	61,270.416 2	2.8787	0.0000	61,342.38 40

	ROG	NOx	CO	SO2	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	12.73	0.00	12.74	21.28	0.00	21.09	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	106.1629	4.5200e-003	0.5031	4.0000e-005		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003		1.1551
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	106.1629	4.5200e-003	0.5031	4.0000e-005	0.0000	1.7800e-003	1.7800e-003	0.0000	1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003	0.0000	1.1551

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	106.1629	4.5200e-003	0.5031	4.0000e-005		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003		1.1551
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	106.1629	4.5200e-003	0.5031	4.0000e-005	0.0000	1.7800e-003	1.7800e-003	0.0000	1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003	0.0000	1.1551

	ROG	NOx	CO	SO2	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	Demolition	Demolition	1/2/2040	6/15/2040	5	120	
2	Site Preparation	Site Preparation	6/16/2040	11/30/2040	5	120	
3	Grading	Grading	11/1/2040	9/4/2041	5	220	
4	Building Construction	Building Construction	9/5/2041	3/18/2043	5	400	
5	Paving	Paving	3/12/2043	7/29/2043	5	100	
6	Architectural Coating	Architectural Coating	7/30/2043	12/28/2044	5	370	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 550

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,438,095; Non-Residential Outdoor: 2,479,365; Striped Parking

OffRoad Equipment

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

Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Demolition	6	15.00	0.00	9,647.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	146,188.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,055.00	813.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	411.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 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					
Fugitive Dust					17.6154	0.0000	17.6154	2.6676	0.0000	2.6676			0.0000			0.0000
Off-Road	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629		4,378.5819	4,378.5819	0.1484		4,382.2921
Total	1.6982	5.3064	18.5788	0.0462	17.6154	0.1629	17.7783	2.6676	0.1629	2.8305		4,378.5819	4,378.5819	0.1484		4,382.2921

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3208	10.2901	2.7462	0.0561	1.4066	0.0178	1.4243	0.3856	0.0170	0.4026		5,984.8527	5,984.8527	0.2988		5,992.3216
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0179	8.5500e-003	0.1235	7.1000e-004	0.1232	3.0000e-004	0.1235	0.0327	2.8000e-004	0.0330		70.5562	70.5562	6.2000e-004		70.5717
Total	0.3387	10.2987	2.8697	0.0568	1.5298	0.0181	1.5479	0.4183	0.0173	0.4356		6,055.4089	6,055.4089	0.2994		6,062.8933

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8700	0.0000	6.8700	1.0404	0.0000	1.0404			0.0000			0.0000
Off-Road	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629	0.0000	4,378.5819	4,378.5819	0.1484		4,382.2920
Total	1.6982	5.3064	18.5788	0.0462	6.8700	0.1629	7.0329	1.0404	0.1629	1.2033	0.0000	4,378.5819	4,378.5819	0.1484		4,382.2920

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3208	10.2901	2.7462	0.0561	1.4066	0.0178	1.4243	0.3856	0.0170	0.4026		5,984.8527	5,984.8527	0.2988		5,992.3216
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0179	8.5500e-003	0.1235	7.1000e-004	0.1232	3.0000e-004	0.1235	0.0327	2.8000e-004	0.0330		70.5562	70.5562	6.2000e-004		70.5717
Total	0.3387	10.2987	2.8697	0.0568	1.5298	0.0181	1.5479	0.4183	0.0173	0.4356		6,055.4089	6,055.4089	0.2994		6,062.8933

3.3 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026		4,409.7537	4,409.7537	0.1707		4,414.0214
Total	1.9657	7.9943	15.7797	0.0466	18.0663	0.2026	18.2688	9.9307	0.2026	10.1333		4,409.7537	4,409.7537	0.1707		4,414.0214

Unmitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0215	0.0103	0.1482	8.5000e-004	0.1479	3.6000e-004	0.1482	0.0392	3.3000e-004	0.0396		84.6675	84.6675	7.4000e-004		84.6861
Total	0.0215	0.0103	0.1482	8.5000e-004	0.1479	3.6000e-004	0.1482	0.0392	3.3000e-004	0.0396		84.6675	84.6675	7.4000e-004		84.6861

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214
Total	1.9657	7.9943	15.7797	0.0466	7.0458	0.2026	7.2484	3.8730	0.2026	4.0755	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0215	0.0103	0.1482	8.5000e-004	0.1479	3.6000e-004	0.1482	0.0392	3.3000e-004	0.0396		84.6675	84.6675	7.4000e-004		84.6861
Total	0.0215	0.0103	0.1482	8.5000e-004	0.1479	3.6000e-004	0.1482	0.0392	3.3000e-004	0.0396		84.6675	84.6675	7.4000e-004		84.6861

3.4 Grading - 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					
Fugitive Dust					10.1673	0.0000	10.1673	3.8227	0.0000	3.8227			0.0000			0.0000
Off-Road	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250		7,213.1086	7,213.1086	0.2370		7,219.0343
Total	2.7241	7.3885	22.3122	0.0699	10.1673	0.2250	10.3923	3.8227	0.2250	4.0478		7,213.1086	7,213.1086	0.2370		7,219.0343

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6515	85.0548	22.6993	0.4640	47.7890	0.1469	47.9359	12.0636	0.1405	12.2041		49,468.8115	49,468.8115	2.4694		49,530.5467
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0239	0.0114	0.1646	9.4000e-004	0.1643	4.0000e-004	0.1647	0.0436	3.7000e-004	0.0440		94.0750	94.0750	8.3000e-004		94.0956
Total	2.6754	85.0662	22.8639	0.4649	47.9533	0.1473	48.1006	12.1072	0.1409	12.2481		49,562.8865	49,562.8865	2.4702		49,624.6423

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					3.9653	0.0000	3.9653	1.4909	0.0000	1.4909			0.0000			0.0000
Off-Road	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250	0.0000	7,213.1086	7,213.1086	0.2370		7,219.0343
Total	2.7241	7.3885	22.3122	0.0699	3.9653	0.2250	4.1903	1.4909	0.2250	1.7159	0.0000	7,213.1086	7,213.1086	0.2370		7,219.0343

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6515	85.0548	22.6993	0.4640	47.7890	0.1469	47.9359	12.0636	0.1405	12.2041		49,468.815	49,468.815	2.4694		49,530.5467
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0239	0.0114	0.1646	9.4000e-004	0.1643	4.0000e-004	0.1647	0.0436	3.7000e-004	0.0440		94.0750	94.0750	8.3000e-004		94.0956
Total	2.6754	85.0662	22.8639	0.4649	47.9533	0.1473	48.1006	12.1072	0.1409	12.2481		49,562.8865	49,562.8865	2.4702		49,624.6423

3.4 Grading - 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					
Fugitive Dust					10.1673	0.0000	10.1673	3.8227	0.0000	3.8227			0.0000			0.0000
Off-Road	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250		7,213.1086	7,213.1086	0.2370		7,219.0343

Total	2.7241	7.3885	22.3122	0.0699	10.1673	0.2250	10.3923	3.8227	0.2250	4.0478		7,213.1086	7,213.1086	0.2370		7,219.0343
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6515	85.0548	22.6993	0.4640	13.7605	0.1469	13.9074	3.7111	0.1405	3.8517		49,468.815	49,468.815	2.4694		49,530.5467
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0239	0.0114	0.1646	9.4000e-004	0.1643	4.0000e-004	0.1647	0.0436	3.7000e-004	0.0440		94.0750	94.0750	8.3000e-004		94.0956
Total	2.6754	85.0662	22.8639	0.4649	13.9248	0.1473	14.0721	3.7547	0.1409	3.8956		49,562.8865	49,562.8865	2.4702		49,624.6423

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.9653	0.0000	3.9653	1.4909	0.0000	1.4909			0.0000			0.0000
Off-Road	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250	0.0000	7,213.1086	7,213.1086	0.2370		7,219.0343
Total	2.7241	7.3885	22.3122	0.0699	3.9653	0.2250	4.1903	1.4909	0.2250	1.7159	0.0000	7,213.1086	7,213.1086	0.2370		7,219.0343

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6515	85.0548	22.6993	0.4640	13.7605	0.1469	13.9074	3.7111	0.1405	3.8517		49,468.815	49,468.815	2.4694		49,530.5467
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0239	0.0114	0.1646	9.4000e-004	0.1643	4.0000e-004	0.1647	0.0436	3.7000e-004	0.0440		94.0750	94.0750	8.3000e-004		94.0956
Total	2.6754	85.0662	22.8639	0.4649	13.9248	0.1473	14.0721	3.7547	0.1409	3.8956		49,562.8865	49,562.8865	2.4702		49,624.6423

3.5 Building Construction - 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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3865	54.7366	11.1598	0.2055	5.5071	0.0527	5.5598	1.5855	0.0503	1.6358	21,733.3072	21,733.3072	1.1503		21,762.0637	
Worker	2.4564	1.1720	16.9139	0.0967	16.8813	0.0413	16.9226	4.4777	0.0380	4.5157	9,666.2054	9,666.2054	0.0848		9,668.3262	
Total	3.8429	55.9087	28.0737	0.3022	22.3884	0.0939	22.4824	6.0632	0.0883	6.1515	31,399.5126	31,399.5126	1.2351		31,430.3898	

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3865	54.7366	11.1598	0.2055	5.5071	0.0527	5.5598	1.5855	0.0503	1.6358	21,733.3072	21,733.3072	1.1503			21,762.0637
Worker	2.4564	1.1720	16.9139	0.0967	16.8813	0.0413	16.9226	4.4777	0.0380	4.5157	9,666.2054	9,666.2054	0.0848			9,668.3262
Total	3.8429	55.9087	28.0737	0.3022	22.3884	0.0939	22.4824	6.0632	0.0883	6.1515	31,399.5126	31,399.5126	1.2351			31,430.3898

3.5 Building Construction - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3865	54.7366	11.1598	0.2055	5.5071	0.0527	5.5598	1.5855	0.0503	1.6358		21,733.3072	21,733.3072	1.1503		21,762.0637
Worker	2.4564	1.1720	16.9139	0.0967	16.8813	0.0413	16.9226	4.4777	0.0380	4.5157		9,666.2054	9,666.2054	0.0848		9,668.3262
Total	3.8429	55.9087	28.0737	0.3022	22.3884	0.0939	22.4824	6.0632	0.0883	6.1515		31,399.5126	31,399.5126	1.2351		31,430.3898

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3865	54.7366	11.1598	0.2055	5.5071	0.0527	5.5598	1.5855	0.0503	1.6358		21,733.3072	21,733.3072	1.1503		21,762.0637
Worker	2.4564	1.1720	16.9139	0.0967	16.8813	0.0413	16.9226	4.4777	0.0380	4.5157		9,666.2054	9,666.2054	0.0848		9,668.3262
Total	3.8429	55.9087	28.0737	0.3022	22.3884	0.0939	22.4824	6.0632	0.0883	6.1515		31,399.5126	31,399.5126	1.2351		31,430.3898

3.5 Building Construction - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3865	54.7366	11.1598	0.2055	5.5071	0.0527	5.5598	1.5855	0.0503	1.6358		21,733.3072	21,733.3072	1.1503		21,762.0637
Worker	2.4564	1.1720	16.9139	0.0967	16.8813	0.0413	16.9226	4.4777	0.0380	4.5157		9,666.2054	9,666.2054	0.0848		9,668.3262
Total	3.8429	55.9087	28.0737	0.3022	22.3884	0.0939	22.4824	6.0632	0.0883	6.1515		31,399.5126	31,399.5126	1.2351		31,430.3898

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3865	54.7366	11.1598	0.2055	5.5071	0.0527	5.5598	1.5855	0.0503	1.6358		21,733.3072	21,733.3072	1.1503		21,762.0637
Worker	2.4564	1.1720	16.9139	0.0967	16.8813	0.0413	16.9226	4.4777	0.0380	4.5157		9,666.2054	9,666.2054	0.0848		9,668.3262
Total	3.8429	55.9087	28.0737	0.3022	22.3884	0.0939	22.4824	6.0632	0.0883	6.1515		31,399.5126	31,399.5126	1.2351		31,430.3898

3.6 Paving - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0179	8.5500e-003	0.1235	7.1000e-004	0.1232	3.0000e-004	0.1235	0.0327	2.8000e-004	0.0330		70.5562	70.5562	6.2000e-004		70.5717
Total	0.0179	8.5500e-003	0.1235	7.1000e-004	0.1232	3.0000e-004	0.1235	0.0327	2.8000e-004	0.0330		70.5562	70.5562	6.2000e-004		70.5717

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0179	8.5500e-003	0.1235	7.1000e-004	0.1232	3.0000e-004	0.1235	0.0327	2.8000e-004	0.0330		70.5562	70.5562	6.2000e-004		70.5717
Total	0.0179	8.5500e-003	0.1235	7.1000e-004	0.1232	3.0000e-004	0.1235	0.0327	2.8000e-004	0.0330		70.5562	70.5562	6.2000e-004		70.5717

3.7 Architectural Coating - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.1181					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		281.6957
Total	62.2330	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		281.6957

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4913	0.2344	3.3828	0.0194	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		1,933.2411	1,933.2411	0.0170		1,933.6652
Total	0.4913	0.2344	3.3828	0.0194	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		1,933.2411	1,933.2411	0.0170		1,933.6652

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.1181					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	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	62.2330	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4913	0.2344	3.3828	0.0194	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		1,933.2411	1,933.2411	0.0170		1,933.6652
Total	0.4913	0.2344	3.3828	0.0194	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		1,933.2411	1,933.2411	0.0170		1,933.6652

3.7 Architectural Coating - 2044

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.1181					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		281.6957
Total	62.2330	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		281.6957

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4913	0.2344	3.3828	0.0194	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		1,933.2411	1,933.2411	0.0170		1,933.6652
Total	0.4913	0.2344	3.3828	0.0194	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		1,933.2411	1,933.2411	0.0170		1,933.6652

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.1181					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	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	62.2330	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4913	0.2344	3.3828	0.0194	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		1,933.2411	1,933.2411	0.0170		1,933.6652
Total	0.4913	0.2344	3.3828	0.0194	3.3763	8.2500e-003	3.3845	0.8955	7.5900e-003	0.9031		1,933.2411	1,933.2411	0.0170		1,933.6652

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

General Heavy Industry	0.00	0.00	0.00
General Light Industry	0.00	0.00	0.00
Manufacturing	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00
Regional Shopping Center	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Refrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
General Light Industry	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
Manufacturing	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
Refrigerated Warehouse-No Rail	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
Regional Shopping Center	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512

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
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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					
General Heavy Industry	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 Light Industry	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
Manufacturing	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
Refrigerated Warehouse-No	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
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

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					
General Heavy Industry	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 Light Industry	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
Manufacturing	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
Refrigerated Warehouse-No	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
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	106.1629	4.5200e-003	0.5031	4.0000e-005		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003			1.1551
Unmitigated	106.1629	4.5200e-003	0.5031	4.0000e-005		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003			1.1551

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	106.1168				0.0000	0.0000		0.0000	0.0000		0.0000		0.0000	
Landscaping	0.0460	4.5200e-003	0.5031	4.0000e-005	1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003	1.1551
Total	106.1629	4.5200e-003	0.5031	4.0000e-005	1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003		1.0852	1.0852	2.8000e-003	1.1551

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	106.1168					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0460	4.5200e-003	0.5031	4.0000e-005		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003			1.0852	1.0852	2.8000e-003	1.1551
Total	106.1629	4.5200e-003	0.5031	4.0000e-005		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003			1.0852	1.0852	2.8000e-003	1.1551

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase Five - Construction Only - San Bernardino-Mojave Desert County, Annual

SCLA Specific Plan - Phase Five - Construction Only
San Bernardino-Mojave Desert County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	65.00	1000sqft	3.75	65,000.00	0
General Light Industry	666.67	1000sqft	38.47	666,670.00	0
Manufacturing	1,647.33	1000sqft	95.05	1,647,330.00	0
Unrefrigerated Warehouse-No Rail	4,942.00	1000sqft	285.15	4,942,000.00	0
Convenience Market With Gas Pumps	16.00	Pump	0.05	2,258.80	0
Regional Shopping Center	10.00	1000sqft	0.58	10,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2050
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction Only.

Land Use - Anticipated buildout and gross lot acreage.

Construction Phase - anticipated construction schedule over 5 years.

Demolition -

Grading - Cut & fill balanced on site.

Architectural Coating - MDAQMD Rule 1113 50 g/L VOC Limit

Vehicle Trips - Construction Only.

Consumer Products - Construction Emissions Only.

Area Coating - Construction Emissions Only.

Energy Use - Construction Emissions Only.

Water And Wastewater - Construction Emissions Only.

Solid Waste - Construction Emissions Only.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	3666629	0
tblAreaCoating	Area_Nonresidential_Interior	10999888	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	550.00	540.00
tblConstructionPhase	NumDays	7,750.00	400.00
tblConstructionPhase	NumDays	500.00	160.00
tblConstructionPhase	NumDays	775.00	160.00
tblConstructionPhase	NumDays	550.00	160.00
tblConstructionPhase	NumDays	300.00	140.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	1.17	0.00

tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	2.00	0.00
tblGrading	MaterialExported	0.00	1,157,500.00
tblGrading	MaterialImported	0.00	1,157,500.00
tblLandUse	LotAcreage	1.49	3.75
tblLandUse	LotAcreage	15.30	38.47
tblLandUse	LotAcreage	37.82	95.05
tblLandUse	LotAcreage	113.45	285.15
tblLandUse	LotAcreage	0.23	0.58

tblSolidWaste	SolidWasteGenerationRate	826.67	0.00
tblSolidWaste	SolidWasteGenerationRate	60.45	0.00
tblSolidWaste	SolidWasteGenerationRate	2,042.69	0.00
tblSolidWaste	SolidWasteGenerationRate	10.50	0.00
tblSolidWaste	SolidWasteGenerationRate	4,645.48	0.00
tblVehicleTrips	ST_TR	204.47	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	166.88	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	542.60	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	167,314.87	0.00
tblWater	IndoorWaterUseRate	154,167,437.50	0.00
tblWater	IndoorWaterUseRate	11,552,693.62	0.00
tblWater	IndoorWaterUseRate	380,945,062.50	0.00
tblWater	IndoorWaterUseRate	740,725.21	0.00
tblWater	IndoorWaterUseRate	1,142,837,500.00	0.00
tblWater	OutdoorWaterUseRate	102,547.82	0.00

tblWater	OutdoorWaterUseRate	7,080,683.19	0.00
tblWater	OutdoorWaterUseRate	453,992.87	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					
2045	0.2437	1.0783	2.3551	7.5000e-003	1.3779	0.0236	1.4015	0.5744	0.0236	0.5980	0.0000	659.4797	659.4797	0.0248	0.0000	660.0993
2046	0.7277	12.9643	6.1784	0.0727	3.4780	0.0443	3.5222	1.1281	0.0433	1.1715	0.0000	6,957.8144	6,957.8144	0.3021	0.0000	6,965.3671
2047	0.7931	11.8298	7.3120	0.0635	4.2765	0.0267	4.3032	1.1600	0.0257	1.1857	0.0000	5,943.9198	5,943.9198	0.2148	0.0000	5,949.2907
2048	1.0827	3.8413	3.5408	0.0217	1.3471	0.0175	1.3646	0.3650	0.0172	0.3822	0.0000	2,008.9269	2,008.9269	0.0711	0.0000	2,010.7041
2049	8.3048	0.1391	0.8764	4.1800e-003	0.6457	2.3700e-003	0.6481	0.1715	2.2600e-003	0.1738	0.0000	376.7495	376.7495	3.9400e-003	0.0000	376.8480
2050	8.1109	0.1348	0.8414	4.0600e-003	0.6308	2.2500e-003	0.6331	0.1676	2.1400e-003	0.1697	0.0000	365.9431	365.9431	3.7700e-003	0.0000	366.0374
Maximum	8.3048	12.9643	7.3120	0.0727	4.2765	0.0443	4.3032	1.1600	0.0433	1.1857	0.0000	6,957.8144	6,957.8144	0.3021	0.0000	6,965.3671

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					
2045	0.2437	1.0783	2.3551	7.5000e-003	0.5680	0.0236	0.5916	0.2324	0.0236	0.2560	0.0000	659.4791	659.4791	0.0248	0.0000	660.0987

2046	0.7277	12.9643	6.1784	0.0727	2.7351	0.0443	2.7793	0.8164	0.0433	0.8598	0.0000	6,957.8135	6,957.8135	0.3021	0.0000	6,965.3663
2047	0.7931	11.8298	7.3120	0.0635	4.2765	0.0267	4.3032	1.1600	0.0257	1.1857	0.0000	5,943.9194	5,943.9194	0.2148	0.0000	5,949.2903
2048	1.0827	3.8413	3.5408	0.0217	1.3471	0.0175	1.3646	0.3650	0.0172	0.3822	0.0000	2,008.9265	2,008.9265	0.0711	0.0000	2,010.7037
2049	8.3048	0.1391	0.8764	4.1800e-003	0.6457	2.3700e-003	0.6481	0.1715	2.2600e-003	0.1738	0.0000	376.7494	376.7494	3.9400e-003	0.0000	376.8480
2050	8.1109	0.1348	0.8414	4.0600e-003	0.6308	2.2500e-003	0.6331	0.1676	2.1400e-003	0.1697	0.0000	365.9430	365.9430	3.7700e-003	0.0000	366.0374
Maximum	8.3048	12.9643	7.3120	0.0727	4.2765	0.0443	4.3032	1.1600	0.0433	1.1857	0.0000	6,957.8135	6,957.8135	0.3021	0.0000	6,965.3663

	ROG	NOx	CO	SO2	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	13.21	0.00	13.08	18.33	0.00	17.76	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-2-2045	4-1-2045	0.3288	0.3288
2	4-2-2045	7-1-2045	0.3329	0.3329
3	7-2-2045	10-1-2045	0.3319	0.3319
4	10-2-2045	1-1-2046	0.3282	0.3282
5	1-2-2046	4-1-2046	1.9028	1.9028
6	4-2-2046	7-1-2046	4.2353	4.2353
7	7-2-2046	10-1-2046	4.2816	4.2816
8	10-2-2046	1-1-2047	3.1944	3.1944
9	1-2-2047	4-1-2047	3.0779	3.0779
10	4-2-2047	7-1-2047	3.1396	3.1396
11	7-2-2047	10-1-2047	3.1738	3.1738
12	10-2-2047	1-1-2048	3.1460	3.1460
13	1-2-2048	4-1-2048	3.1121	3.1121
14	4-2-2048	7-1-2048	0.6777	0.6777
15	7-2-2048	10-1-2048	0.1541	0.1541
16	10-2-2048	1-1-2049	0.9050	0.9050
17	1-2-2049	4-1-2049	2.0814	2.0814

18	4-2-2049	7-1-2049	2.1036	2.1036
19	7-2-2049	10-1-2049	2.1268	2.1268
20	10-2-2049	1-1-2050	2.1277	2.1277
21	1-2-2050	4-1-2050	2.0804	2.0804
22	4-2-2050	7-1-2050	2.1025	2.1025
23	7-2-2050	9-30-2050	2.1025	2.1025
		Highest	4.2816	4.2816

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	28.6462	6.0000e-004	0.0671	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.1313	0.1313	3.4000e-004	0.0000	0.1397
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	28.6462	6.0000e-004	0.0671	1.0000e-005	0.0000	2.4000e-004	2.4000e-004	0.0000	2.4000e-004	2.4000e-004	0.0000	0.1313	0.1313	3.4000e-004	0.0000	0.1397

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	28.6462	6.0000e-004	0.0671	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.1313	0.1313	3.4000e-004	0.0000	0.1397
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	28.6462	6.0000e-004	0.0671	1.0000e-005	0.0000	2.4000e-004	2.4000e-004	0.0000	2.4000e-004	2.4000e-004	0.0000	0.1313	0.1313	3.4000e-004	0.0000	0.1397

	ROG	NOx	CO	SO2	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	Demolition	Demolition	1/2/2045	8/11/2045	5	160	
2	Site Preparation	Site Preparation	8/12/2045	2/23/2046	5	140	
3	Grading	Grading	2/24/2046	10/5/2046	5	160	
4	Building Construction	Building Construction	10/6/2046	4/17/2048	5	400	
5	Paving	Paving	4/18/2048	11/27/2048	5	160	
6	Architectural Coating	Architectural Coating	11/28/2048	12/23/2050	5	540	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 400

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 10,999,888; Non-Residential Outdoor: 3,666,629; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Demolition	6	15.00	0.00	3,873.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	144,688.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	3,072.00	1,202.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	614.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4243	0.0000	0.4243	0.0643	0.0000	0.0643	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1359	0.4245	1.4863	3.7000e-003		0.0130	0.0130		0.0130	0.0130	0.0000	317.7746	317.7746	0.0108	0.0000	318.0439
Total	0.1359	0.4245	1.4863	3.7000e-003	0.4243	0.0130	0.4373	0.0643	0.0130	0.0773	0.0000	317.7746	317.7746	0.0108	0.0000	318.0439

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.5800e-003	0.2529	0.0630	1.3700e-003	0.0333	4.3000e-004	0.0338	9.1500e-003	4.1000e-004	9.5600e-003	0.0000	132.6813	132.6813	6.2000e-003	0.0000	132.8362
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	6.6000e-004	9.6200e-003	6.0000e-005	9.6700e-003	2.0000e-005	9.6900e-003	2.5700e-003	2.0000e-005	2.5900e-003	0.0000	5.1433	5.1433	4.0000e-005	0.0000	5.1443
Total	8.7100e-003	0.2536	0.0726	1.4300e-003	0.0430	4.5000e-004	0.0434	0.0117	4.3000e-004	0.0122	0.0000	137.8246	137.8246	6.2400e-003	0.0000	137.9805

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1655	0.0000	0.1655	0.0251	0.0000	0.0251	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1359	0.4245	1.4863	3.7000e-003		0.0130	0.0130		0.0130	0.0130	0.0000	317.7742	317.7742	0.0108	0.0000	318.0435
Total	0.1359	0.4245	1.4863	3.7000e-003	0.1655	0.0130	0.1785	0.0251	0.0130	0.0381	0.0000	317.7742	317.7742	0.0108	0.0000	318.0435

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.5800e-003	0.2529	0.0630	1.3700e-003	0.0333	4.3000e-004	0.0338	9.1500e-003	4.1000e-004	9.5600e-003	0.0000	132.6813	132.6813	6.2000e-003	0.0000	132.8362
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	6.6000e-004	9.6200e-003	6.0000e-005	9.6700e-003	2.0000e-005	9.6900e-003	2.5700e-003	2.0000e-005	2.5900e-003	0.0000	5.1433	5.1433	4.0000e-005	0.0000	5.1443
Total	8.7100e-003	0.2536	0.0726	1.4300e-003	0.0430	4.5000e-004	0.0434	0.0117	4.3000e-004	0.0122	0.0000	137.8246	137.8246	6.2400e-003	0.0000	137.9805

3.3 Site Preparation - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9033	0.0000	0.9033	0.4965	0.0000	0.4965	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0983	0.3997	0.7890	2.3300e-003		0.0101	0.0101		0.0101	0.0101	0.0000	200.0231	200.0231	7.7400e-003	0.0000	200.2166
Total	0.0983	0.3997	0.7890	2.3300e-003	0.9033	0.0101	0.9134	0.4965	0.0101	0.5067	0.0000	200.0231	200.0231	7.7400e-003	0.0000	200.2166

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.5000e-004	5.0000e-004	7.2200e-003	4.0000e-005	7.2500e-003	2.0000e-005	7.2700e-003	1.9300e-003	1.0000e-005	1.9400e-003	0.0000	3.8575	3.8575	3.0000e-005	0.0000	3.8582
Total	8.5000e-004	5.0000e-004	7.2200e-003	4.0000e-005	7.2500e-003	2.0000e-005	7.2700e-003	1.9300e-003	1.0000e-005	1.9400e-003	0.0000	3.8575	3.8575	3.0000e-005	0.0000	3.8582

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3523	0.0000	0.3523	0.1937	0.0000	0.1937	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0983	0.3997	0.7890	2.3300e-003		0.0101	0.0101		0.0101	0.0101	0.0000	200.0228	200.0228	7.7400e-003	0.0000	200.2164
Total	0.0983	0.3997	0.7890	2.3300e-003	0.3523	0.0101	0.3624	0.1937	0.0101	0.2038	0.0000	200.0228	200.0228	7.7400e-003	0.0000	200.2164

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.5000e-004	5.0000e-004	7.2200e-003	4.0000e-005	7.2500e-003	2.0000e-005	7.2700e-003	1.9300e-003	1.0000e-005	1.9400e-003	0.0000	3.8575	3.8575	3.0000e-005	0.0000	3.8582
Total	8.5000e-004	5.0000e-004	7.2200e-003	4.0000e-005	7.2500e-003	2.0000e-005	7.2700e-003	1.9300e-003	1.0000e-005	1.9400e-003	0.0000	3.8575	3.8575	3.0000e-005	0.0000	3.8582

3.3 Site Preparation - 2046

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3613	0.0000	0.3613	0.1986	0.0000	0.1986	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0393	0.1599	0.3156	9.3000e-004		4.0500e-003	4.0500e-003		4.0500e-003	4.0500e-003	0.0000	80.0092	80.0092	3.1000e-003	0.0000	80.0867
Total	0.0393	0.1599	0.3156	9.3000e-004	0.3613	4.0500e-003	0.3654	0.1986	4.0500e-003	0.2027	0.0000	80.0092	80.0092	3.1000e-003	0.0000	80.0867

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-004	2.0000e-004	2.8900e-003	2.0000e-005	2.9000e-003	1.0000e-005	2.9100e-003	7.7000e-004	1.0000e-005	7.8000e-004	0.0000	1.5430	1.5430	1.0000e-005	0.0000	1.5433
Total	3.4000e-004	2.0000e-004	2.8900e-003	2.0000e-005	2.9000e-003	1.0000e-005	2.9100e-003	7.7000e-004	1.0000e-005	7.8000e-004	0.0000	1.5430	1.5430	1.0000e-005	0.0000	1.5433

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1409	0.0000	0.1409	0.0775	0.0000	0.0775	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0393	0.1599	0.3156	9.3000e-004		4.0500e-003	4.0500e-003		4.0500e-003	4.0500e-003	0.0000	80.0091	80.0091	3.1000e-003	0.0000	80.0866
Total	0.0393	0.1599	0.3156	9.3000e-004	0.1409	4.0500e-003	0.1450	0.0775	4.0500e-003	0.0815	0.0000	80.0091	80.0091	3.1000e-003	0.0000	80.0866

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-004	2.0000e-004	2.8900e-003	2.0000e-005	2.9000e-003	1.0000e-005	2.9100e-003	7.7000e-004	1.0000e-005	7.8000e-004	0.0000	1.5430	1.5430	1.0000e-005	0.0000	1.5433

Total	3.4000e-004	2.0000e-004	2.8900e-003	2.0000e-005	2.9000e-003	1.0000e-005	2.9100e-003	7.7000e-004	1.0000e-005	7.8000e-004	0.0000	1.5430	1.5430	1.0000e-005	0.0000	1.5433
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3.4 Grading - 2046

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.8565	0.0000	0.8565	0.3124	0.0000	0.3124	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2179	0.5911	1.7850	5.6000e-003		0.0180	0.0180		0.0180	0.0180	0.0000	523.4898	523.4898	0.0172	0.0000	523.9198
Total	0.2179	0.5911	1.7850	5.6000e-003	0.8565	0.0180	0.8745	0.3124	0.0180	0.3304	0.0000	523.4898	523.4898	0.0172	0.0000	523.9198

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.2833	9.4474	2.3532	0.0513	1.2448	0.0159	1.2608	0.3419	0.0153	0.3571	0.0000	4,956.7227	4,956.7227	0.2315	0.0000	4,962.5110
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5100e-003	8.8000e-004	0.0128	8.0000e-005	0.0129	3.0000e-005	0.0129	3.4200e-003	3.0000e-005	3.4500e-003	0.0000	6.8577	6.8577	6.0000e-005	0.0000	6.8591
Total	0.2848	9.4483	2.3660	0.0513	1.2577	0.0160	1.2737	0.3453	0.0153	0.3606	0.0000	4,963.5804	4,963.5804	0.2316	0.0000	4,969.3701

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3340	0.0000	0.3340	0.1218	0.0000	0.1218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2179	0.5911	1.7850	5.6000e-003		0.0180	0.0180		0.0180	0.0180	0.0000	523.4891	523.4891	0.0172	0.0000	523.9192
Total	0.2179	0.5911	1.7850	5.6000e-003	0.3340	0.0180	0.3520	0.1218	0.0180	0.1398	0.0000	523.4891	523.4891	0.0172	0.0000	523.9192

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.2833	9.4474	2.3532	0.0513	1.2448	0.0159	1.2608	0.3419	0.0153	0.3571	0.0000	4,956.7227	4,956.7227	0.2315	0.0000	4,962.5110
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5100e-003	8.8000e-004	0.0128	8.0000e-005	0.0129	3.0000e-005	0.0129	3.4200e-003	3.0000e-005	3.4500e-003	0.0000	6.8577	6.8577	6.0000e-005	0.0000	6.8591
Total	0.2848	9.4483	2.3660	0.0513	1.2577	0.0160	1.2737	0.3453	0.0153	0.3606	0.0000	4,963.5804	4,963.5804	0.2316	0.0000	4,969.3701

3.5 Building Construction - 2046

Unmitigated Construction On-Site

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

Off-Road	0.0365	0.2102	0.4916	9.4000e-004		2.2500e-003	2.2500e-003		2.2500e-003	2.2500e-003	0.0000	80.1726	80.1726	2.8800e-003	0.0000	80.2447
Total	0.0365	0.2102	0.4916	9.4000e-004		2.2500e-003	2.2500e-003		2.2500e-003	2.2500e-003	0.0000	80.1726	80.1726	2.8800e-003	0.0000	80.2447

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0604	2.5030	0.4660	9.4600e-003	0.2445	2.3500e-003	0.2468	0.0706	2.2500e-003	0.0728	0.0000	907.4322	907.4322	0.0441	0.0000	908.5346
Worker	0.0884	0.0517	0.7513	4.4300e-003	0.7550	1.6400e-003	0.7567	0.2006	1.5100e-003	0.2021	0.0000	401.5871	401.5871	3.2400e-003	0.0000	401.6681
Total	0.1488	2.5547	1.2173	0.0139	0.9995	3.9900e-003	1.0035	0.2711	3.7600e-003	0.2749	0.0000	1,309.0194	1,309.0194	0.0473	0.0000	1,310.2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0365	0.2102	0.4916	9.4000e-004		2.2500e-003	2.2500e-003		2.2500e-003	2.2500e-003	0.0000	80.1725	80.1725	2.8800e-003	0.0000	80.2446
Total	0.0365	0.2102	0.4916	9.4000e-004		2.2500e-003	2.2500e-003		2.2500e-003	2.2500e-003	0.0000	80.1725	80.1725	2.8800e-003	0.0000	80.2446

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0604	2.5030	0.4660	9.4600e-003	0.2445	2.3500e-003	0.2468	0.0706	2.2500e-003	0.0728	0.0000	907.4322	907.4322	0.0441	0.0000	908.5346
Worker	0.0884	0.0517	0.7513	4.4300e-003	0.7550	1.6400e-003	0.7567	0.2006	1.5100e-003	0.2021	0.0000	401.5871	401.5871	3.2400e-003	0.0000	401.6681
Total	0.1488	2.5547	1.2173	0.0139	0.9995	3.9900e-003	1.0035	0.2711	3.7600e-003	0.2749	0.0000	1,309.0194	1,309.0194	0.0473	0.0000	1,310.2026

3.5 Building Construction - 2047

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2585	10.7095	1.9938	0.0405	1.0460	0.0101	1.0560	0.3018	9.6100e-003	0.3115	0.0000	3,882.6199	3,882.6199	0.1887	0.0000	3,887.3364
Worker	0.3783	0.2212	3.2147	0.0190	3.2305	7.0200e-003	3.2376	0.8581	6.4500e-003	0.8646	0.0000	1,718.2662	1,718.2662	0.0139	0.0000	1,718.6125
Total	0.6369	10.9306	5.2085	0.0594	4.2765	0.0171	4.2936	1.1600	0.0161	1.1760	0.0000	5,600.8861	5,600.8861	0.2025	0.0000	5,605.9488

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2585	10.7095	1.9938	0.0405	1.0460	0.0101	1.0560	0.3018	9.6100e-003	0.3115	0.0000	3,882.6199	3,882.6199	0.1887	0.0000	3,887.3364
Worker	0.3783	0.2212	3.2147	0.0190	3.2305	7.0200e-003	3.2376	0.8581	6.4500e-003	0.8646	0.0000	1,718.2662	1,718.2662	0.0139	0.0000	1,718.6125

Total	0.6369	10.9306	5.2085	0.0594	4.2765	0.0171	4.2936	1.1600	0.0161	1.1760	0.0000	5,600.8861	5,600.8861	0.2025	0.0000	5,605.9488
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3.5 Building Construction - 2048

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0467	0.2687	0.6286	1.2100e-003		2.8800e-003	2.8800e-003		2.8800e-003	2.8800e-003	0.0000	102.5158	102.5158	3.6800e-003	0.0000	102.6079
Total	0.0467	0.2687	0.6286	1.2100e-003		2.8800e-003	2.8800e-003		2.8800e-003	2.8800e-003	0.0000	102.5158	102.5158	3.6800e-003	0.0000	102.6079

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0773	3.2005	0.5958	0.0121	0.3126	3.0000e-003	0.3156	0.0902	2.8700e-003	0.0931	0.0000	1,160.3232	1,160.3232	0.0564	0.0000	1,161.7327
Worker	0.1131	0.0661	0.9607	5.6600e-003	0.9655	2.1000e-003	0.9675	0.2565	1.9300e-003	0.2584	0.0000	513.5048	513.5048	4.1400e-003	0.0000	513.6083
Total	0.1903	3.2666	1.5566	0.0178	1.2780	5.1000e-003	1.2831	0.3467	4.8000e-003	0.3515	0.0000	1,673.8280	1,673.8280	0.0605	0.0000	1,675.3410

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0467	0.2687	0.6286	1.2100e-003		2.8800e-003	2.8800e-003		2.8800e-003	2.8800e-003	0.0000	102.5157	102.5157	3.6800e-003	0.0000	102.6078
Total	0.0467	0.2687	0.6286	1.2100e-003		2.8800e-003	2.8800e-003		2.8800e-003	2.8800e-003	0.0000	102.5157	102.5157	3.6800e-003	0.0000	102.6078

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0773	3.2005	0.5958	0.0121	0.3126	3.0000e-003	0.3156	0.0902	2.8700e-003	0.0931	0.0000	1,160.3232	1,160.3232	0.0564	0.0000	1,161.7327
Worker	0.1131	0.0661	0.9607	5.6600e-003	0.9655	2.1000e-003	0.9675	0.2565	1.9300e-003	0.2584	0.0000	513.5048	513.5048	4.1400e-003	0.0000	513.6083
Total	0.1903	3.2666	1.5566	0.0178	1.2780	5.1000e-003	1.2831	0.3467	4.8000e-003	0.3515	0.0000	1,673.8280	1,673.8280	0.0605	0.0000	1,675.3410

3.6 Paving - 2048

Unmitigated Construction On-Site

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

Off-Road	0.0809	0.2925	1.2654	2.2400e-003		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003	0.0000	192.7961	192.7961	6.4800e-003	0.0000	192.9581
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0809	0.2925	1.2654	2.2400e-003		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003	0.0000	192.7961	192.7961	6.4800e-003	0.0000	192.9581

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	6.6000e-004	9.6200e-003	6.0000e-005	9.6700e-003	2.0000e-005	9.6900e-003	2.5700e-003	2.0000e-005	2.5900e-003	0.0000	5.1433	5.1433	4.0000e-005	0.0000	5.1443
Total	1.1300e-003	6.6000e-004	9.6200e-003	6.0000e-005	9.6700e-003	2.0000e-005	9.6900e-003	2.5700e-003	2.0000e-005	2.5900e-003	0.0000	5.1433	5.1433	4.0000e-005	0.0000	5.1443

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0809	0.2925	1.2654	2.2400e-003		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003	0.0000	192.7959	192.7959	6.4800e-003	0.0000	192.9579
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0809	0.2925	1.2654	2.2400e-003		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003	0.0000	192.7959	192.7959	6.4800e-003	0.0000	192.9579

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	6.6000e-004	9.6200e-003	6.0000e-005	9.6700e-003	2.0000e-005	9.6900e-003	2.5700e-003	2.0000e-005	2.5900e-003	0.0000	5.1433	5.1433	4.0000e-005	0.0000	5.1443
Total	1.1300e-003	6.6000e-004	9.6200e-003	6.0000e-005	9.6700e-003	2.0000e-005	9.6900e-003	2.5700e-003	2.0000e-005	2.5900e-003	0.0000	5.1433	5.1433	4.0000e-005	0.0000	5.1443

3.7 Architectural Coating - 2048

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7553					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3800e-003	8.7200e-003	0.0215	4.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	3.0639	3.0639	1.1000e-004	0.0000	3.0666
Total	0.7567	8.7200e-003	0.0215	4.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	3.0639	3.0639	1.1000e-004	0.0000	3.0666

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9500e-003	4.0700e-003	0.0591	3.5000e-004	0.0594	1.3000e-004	0.0595	0.0158	1.2000e-004	0.0159	0.0000	31.5797	31.5797	2.5000e-004	0.0000	31.5861
Total	6.9500e-003	4.0700e-003	0.0591	3.5000e-004	0.0594	1.3000e-004	0.0595	0.0158	1.2000e-004	0.0159	0.0000	31.5797	31.5797	2.5000e-004	0.0000	31.5861

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7553					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3800e-003	8.7200e-003	0.0215	4.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	3.0639	3.0639	1.1000e-004	0.0000	3.0666
Total	0.7567	8.7200e-003	0.0215	4.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	3.0639	3.0639	1.1000e-004	0.0000	3.0666

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0700e-003	0.0591	3.5000e-004	0.0594	1.3000e-004	0.0595	0.0158	1.2000e-004	0.0159	0.0000	31.5797	31.5797	2.5000e-004	0.0000	31.5861

Total	6.9500e-003	4.0700e-003	0.0591	3.5000e-004	0.0594	1.3000e-004	0.0595	0.0158	1.2000e-004	0.0159	0.0000	31.5797	31.5797	2.5000e-004	0.0000	31.5861
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3.7 Architectural Coating - 2049

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.2142						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3200	33.3200	1.1700e-003	0.0000	33.3493
Total	8.2292	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3200	33.3200	1.1700e-003	0.0000	33.3493

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0756	0.0442	0.6425	3.7900e-003	0.6457	1.4000e-003	0.6471	0.1715	1.2900e-003	0.1728	0.0000	343.4295	343.4295	2.7700e-003	0.0000	343.4987
Total	0.0756	0.0442	0.6425	3.7900e-003	0.6457	1.4000e-003	0.6471	0.1715	1.2900e-003	0.1728	0.0000	343.4295	343.4295	2.7700e-003	0.0000	343.4987

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.2142					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3199	33.3199	1.1700e-003	0.0000	33.3492
Total	8.2292	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3199	33.3199	1.1700e-003	0.0000	33.3492

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0756	0.0442	0.6425	3.7900e-003	0.6457	1.4000e-003	0.6471	0.1715	1.2900e-003	0.1728	0.0000	343.4295	343.4295	2.7700e-003	0.0000	343.4987
Total	0.0756	0.0442	0.6425	3.7900e-003	0.6457	1.4000e-003	0.6471	0.1715	1.2900e-003	0.1728	0.0000	343.4295	343.4295	2.7700e-003	0.0000	343.4987

3.7 Architectural Coating - 2050

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.0253					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0147	0.0927	0.2285	3.8000e-004		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	32.5540	32.5540	1.1500e-003	0.0000	32.5826
Total	8.0400	0.0927	0.2285	3.8000e-004		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	32.5540	32.5540	1.1500e-003	0.0000	32.5826

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0710	0.0421	0.6128	3.6800e-003	0.6308	1.3000e-003	0.6321	0.1676	1.2000e-003	0.1688	0.0000	333.3891	333.3891	2.6300e-003	0.0000	333.4548
Total	0.0710	0.0421	0.6128	3.6800e-003	0.6308	1.3000e-003	0.6321	0.1676	1.2000e-003	0.1688	0.0000	333.3891	333.3891	2.6300e-003	0.0000	333.4548

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.0253					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0147	0.0927	0.2285	3.8000e-004		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	32.5540	32.5540	1.1500e-003	0.0000	32.5826
Total	8.0400	0.0927	0.2285	3.8000e-004		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	32.5540	32.5540	1.1500e-003	0.0000	32.5826

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0710	0.0421	0.6128	3.6800e-003	0.6308	1.3000e-003	0.6321	0.1676	1.2000e-003	0.1688	0.0000	333.3891	333.3891	2.6300e-003	0.0000	333.4548
Total	0.0710	0.0421	0.6128	3.6800e-003	0.6308	1.3000e-003	0.6321	0.1676	1.2000e-003	0.1688	0.0000	333.3891	333.3891	2.6300e-003	0.0000	333.4548

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Convenience Market With Gas Pumps	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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
Convenience Market With Gas	9.50	7.30	7.30	0.80	80.20	19.00	14	21	65
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Convenience Market With Gas Pumps	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
General Light Industry	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
General Office Building	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
Manufacturing	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
Regional Shopping Center	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
Unrefrigerated Warehouse-No Rail	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Convenience Market With Gas	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
General Light Industry	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
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	0.0000
Manufacturing	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
Unrefrigerated Warehouse-No Fuel	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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Convenience Market With Gas	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000

Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Convenience Market With Gas	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
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Category	tons/yr								MT/yr							
Mitigated	28.6462	6.0000e-004	0.0671	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.1313	0.1313	3.4000e-004	0.0000	0.1397
Unmitigated	28.6462	6.0000e-004	0.0671	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.1313	0.1313	3.4000e-004	0.0000	0.1397

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
Consumer Products	28.6400						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.1400e-003	6.0000e-004	0.0671	1.0000e-005			2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.1313	0.1313	3.4000e-004	0.0000
Total	28.6462	6.0000e-004	0.0671	1.0000e-005			2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.1313	0.1313	3.4000e-004	0.0000

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
Consumer Products	28.6400						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.1400e-003	6.0000e-004	0.0671	1.0000e-005			2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.1313	0.1313	3.4000e-004	0.0000

Total	28.6462	6.0000e-004	0.0671	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.1313	0.1313	3.4000e-004	0.0000	0.1397
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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			
Convenience Market With Gas	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0 / 0	0.0000	0.0000	0.0000	0.0000

Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Convenience Market With Gas	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
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	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			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Bulk	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000

General Office Building	0	0.0000	0.0000	0.0000	0.0000
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Cool	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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase Five - Construction Only - San Bernardino-Mojave Desert County, Summer

SCLA Specific Plan - Phase Five - Construction Only
San Bernardino-Mojave Desert County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	65.00	1000sqft	3.75	65,000.00	0
General Light Industry	666.67	1000sqft	38.47	666,670.00	0
Manufacturing	1,647.33	1000sqft	95.05	1,647,330.00	0
Unrefrigerated Warehouse-No Rail	4,942.00	1000sqft	285.15	4,942,000.00	0
Convenience Market With Gas Pumps	16.00	Pump	0.05	2,258.80	0
Regional Shopping Center	10.00	1000sqft	0.58	10,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2050
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction Only.

Land Use - Anticipated buildout and gross lot acreage.

Construction Phase - anticipated construction schedule over 5 years.

Demolition -

Grading - Cut & fill balanced on site.

Architectural Coating - MDAQMD Rule 1113 50 g/L VOC Limit

Vehicle Trips - Construction Only.

Consumer Products - Construction Emissions Only.

Area Coating - Construction Emissions Only.

Energy Use - Construction Emissions Only.

Water And Wastewater - Construction Emissions Only.

Solid Waste - Construction Emissions Only.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	3666629	0
tblAreaCoating	Area_Nonresidential_Interior	10999888	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	550.00	540.00
tblConstructionPhase	NumDays	7,750.00	400.00
tblConstructionPhase	NumDays	500.00	160.00
tblConstructionPhase	NumDays	775.00	160.00
tblConstructionPhase	NumDays	550.00	160.00
tblConstructionPhase	NumDays	300.00	140.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	1.17	0.00

tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	2.00	0.00
tblGrading	MaterialExported	0.00	1,157,500.00
tblGrading	MaterialImported	0.00	1,157,500.00
tblLandUse	LotAcreage	1.49	3.75
tblLandUse	LotAcreage	15.30	38.47
tblLandUse	LotAcreage	37.82	95.05
tblLandUse	LotAcreage	113.45	285.15
tblLandUse	LotAcreage	0.23	0.58

tblSolidWaste	SolidWasteGenerationRate	826.67	0.00
tblSolidWaste	SolidWasteGenerationRate	60.45	0.00
tblSolidWaste	SolidWasteGenerationRate	2,042.69	0.00
tblSolidWaste	SolidWasteGenerationRate	10.50	0.00
tblSolidWaste	SolidWasteGenerationRate	4,645.48	0.00
tblVehicleTrips	ST_TR	204.47	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	166.88	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	542.60	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	167,314.87	0.00
tblWater	IndoorWaterUseRate	154,167,437.50	0.00
tblWater	IndoorWaterUseRate	11,552,693.62	0.00
tblWater	IndoorWaterUseRate	380,945,062.50	0.00
tblWater	IndoorWaterUseRate	740,725.21	0.00
tblWater	IndoorWaterUseRate	1,142,837,500.00	0.00
tblWater	OutdoorWaterUseRate	102,547.82	0.00

tblWater	OutdoorWaterUseRate	7,080,683.19	0.00
tblWater	OutdoorWaterUseRate	453,992.87	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					
2045	1.9843	8.4377	19.4752	0.0643	18.2141	0.2029	18.4170	9.9699	0.2029	10.1728	0.0000	6,303.9619	6,303.9619	0.2318	0.0000	6,309.7558
2046	6.2926	124.0985	59.5283	0.7186	33.3779	0.4241	33.5821	9.9699	0.4154	10.1728	0.0000	76,355.8288	76,355.8288	3.3277	0.0000	76,439.0206
2047	6.2926	90.3110	59.5283	0.5043	33.3779	0.2041	33.5821	9.0379	0.1964	9.2343	0.0000	52,035.7642	52,035.7642	1.7596	0.0000	52,079.7532
2048	63.6914	90.3110	59.5283	0.5043	33.3779	0.2041	33.5821	9.0379	0.1964	9.2343	0.0000	52,035.7642	52,035.7642	1.7596	0.0000	52,079.7532
2049	63.6914	1.0355	7.6521	0.0347	5.0439	0.0182	5.0620	1.3379	0.0173	1.3552	0.0000	3,446.8913	3,446.8913	0.0362	0.0000	3,447.7972
2050	63.6655	1.0278	7.5204	0.0345	5.0439	0.0176	5.0615	1.3379	0.0168	1.3547	0.0000	3,426.6114	3,426.6114	0.0355	0.0000	3,427.4994
Maximum	63.6914	124.0985	59.5283	0.7186	33.3779	0.4241	33.5821	9.9699	0.4154	10.1728	0.0000	76,355.8288	76,355.8288	3.3277	0.0000	76,439.0206

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					
2045	1.9843	8.4377	19.4752	0.0643	7.1937	0.2029	7.3966	3.9122	0.2029	4.1151	0.0000	6,303.9619	6,303.9619	0.2318	0.0000	6,309.7558

2046	6.2926	124.0985	59.5283	0.7186	33.3779	0.4241	33.5821	9.0379	0.4154	9.2343	0.0000	76,355.828	76,355.828	3.3277	0.0000	76,439.0206
2047	6.2926	90.3110	59.5283	0.5043	33.3779	0.2041	33.5821	9.0379	0.1964	9.2343	0.0000	52,035.7642	52,035.7642	1.7596	0.0000	52,079.7532
2048	63.6914	90.3110	59.5283	0.5043	33.3779	0.2041	33.5821	9.0379	0.1964	9.2343	0.0000	52,035.7642	52,035.7642	1.7596	0.0000	52,079.7532
2049	63.6914	1.0355	7.6521	0.0347	5.0439	0.0182	5.0620	1.3379	0.0173	1.3552	0.0000	3,446.8913	3,446.8913	0.0362	0.0000	3,447.7972
2050	63.6655	1.0278	7.5204	0.0345	5.0439	0.0176	5.0615	1.3379	0.0168	1.3547	0.0000	3,426.6114	3,426.6114	0.0355	0.0000	3,427.4994
Maximum	63.6914	124.0985	59.5283	0.7186	33.3779	0.4241	33.5821	9.0379	0.4154	9.2343	0.0000	76,355.8288	76,355.8288	3.3277	0.0000	76,439.0206

	ROG	NOx	CO	SO2	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	8.58	0.00	8.52	17.18	0.00	16.85	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	156.9999	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115
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	156.9999	6.7000e-003	0.7453	6.0000e-005	0.0000	2.6400e-003	2.6400e-003	0.0000	2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003	0.0000	1.7115

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	156.9999	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115
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	156.9999	6.7000e-003	0.7453	6.0000e-005	0.0000	2.6400e-003	2.6400e-003	0.0000	2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003	0.0000	1.7115

	ROG	NOx	CO	SO2	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	Demolition	Demolition	1/2/2045	8/11/2045	5	160	
2	Site Preparation	Site Preparation	8/12/2045	2/23/2046	5	140	
3	Grading	Grading	2/24/2046	10/5/2046	5	160	
4	Building Construction	Building Construction	10/6/2046	4/17/2048	5	400	
5	Paving	Paving	4/18/2048	11/27/2048	5	160	
6	Architectural Coating	Architectural Coating	11/28/2048	12/23/2050	5	540	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 400

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 10,999,888; Non-Residential Outdoor: 3,666,629; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Demolition	6	15.00	0.00	3,873.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	144,688.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	3,072.00	1,202.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	614.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.3037	0.0000	5.3037	0.8032	0.0000	0.8032			0.0000			0.0000
Off-Road	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629		4,378.5819	4,378.5819	0.1484		4,382.2921
Total	1.6982	5.3064	18.5788	0.0462	5.3037	0.1629	5.4666	0.8032	0.1629	0.9661		4,378.5819	4,378.5819	0.1484		4,382.2921

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0930	3.1238	0.7533	0.0173	0.4235	5.3200e-003	0.4289	0.1161	5.0900e-003	0.1212		1,848.0483	1,848.0483	0.0827		1,850.1160
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0155	7.5400e-003	0.1432	7.7000e-004	0.1232	2.6000e-004	0.1235	0.0327	2.4000e-004	0.0329		77.3317	77.3317	6.4000e-004		77.3478
Total	0.1085	3.1314	0.8965	0.0181	0.5468	5.5800e-003	0.5523	0.1488	5.3300e-003	0.1541		1,925.3800	1,925.3800	0.0834		1,927.4638

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.0684	0.0000	2.0684	0.3132	0.0000	0.3132			0.0000			0.0000
Off-Road	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629	0.0000	4,378.5819	4,378.5819	0.1484		4,382.2920
Total	1.6982	5.3064	18.5788	0.0462	2.0684	0.1629	2.2313	0.3132	0.1629	0.4761	0.0000	4,378.5819	4,378.5819	0.1484		4,382.2920

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0930	3.1238	0.7533	0.0173	0.4235	5.3200e-003	0.4289	0.1161	5.0900e-003	0.1212		1,848.0483	1,848.0483	0.0827		1,850.1160
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0155	7.5400e-003	0.1432	7.7000e-004	0.1232	2.6000e-004	0.1235	0.0327	2.4000e-004	0.0329		77.3317	77.3317	6.4000e-004		77.3478
Total	0.1085	3.1314	0.8965	0.0181	0.5468	5.5800e-003	0.5523	0.1488	5.3300e-003	0.1541		1,925.3800	1,925.3800	0.0834		1,927.4638

3.3 Site Preparation - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026	4,409.7537	4,409.7537	0.1707			4,414.0214
Total	1.9657	7.9943	15.7797	0.0466	18.0663	0.2026	18.2688	9.9307	0.2026	10.1333		4,409.7537	4,409.7537	0.1707		4,414.0214

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0186	9.0400e-003	0.1718	9.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		92.7980	92.7980	7.7000e-004		92.8173
Total	0.0186	9.0400e-003	0.1718	9.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		92.7980	92.7980	7.7000e-004		92.8173

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214

Total	1.9657	7.9943	15.7797	0.0466	7.0458	0.2026	7.2484	3.8730	0.2026	4.0755	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0186	9.0400e-003	0.1718	9.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		92.7980	92.7980	7.7000e-004		92.8173
Total	0.0186	9.0400e-003	0.1718	9.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		92.7980	92.7980	7.7000e-004		92.8173

3.3 Site Preparation - 2046

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026		4,409.7537	4,409.7537	0.1707		4,414.0214
Total	1.9657	7.9943	15.7797	0.0466	18.0663	0.2026	18.2688	9.9307	0.2026	10.1333		4,409.7537	4,409.7537	0.1707		4,414.0214

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0186	9.0400e-003	0.1718	9.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		92.7980	92.7980	7.7000e-004		92.8173
Total	0.0186	9.0400e-003	0.1718	9.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		92.7980	92.7980	7.7000e-004		92.8173

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214
Total	1.9657	7.9943	15.7797	0.0466	7.0458	0.2026	7.2484	3.8730	0.2026	4.0755	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0186	9.0400e-003	0.1718	9.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395	92.7980	92.7980	7.7000e-004	92.8173	
Total	0.0186	9.0400e-003	0.1718	9.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395	92.7980	92.7980	7.7000e-004	92.8173	

3.4 Grading - 2046

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					10.7065	0.0000	10.7065	3.9044	0.0000	3.9044			0.0000			0.0000
Off-Road	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250	7,213.1086	7,213.1086	0.2370			7,219.0343
Total	2.7241	7.3885	22.3122	0.0699	10.7065	0.2250	10.9315	3.9044	0.2250	4.1294	7,213.1086	7,213.1086	0.2370			7,219.0343

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.4748	116.7000	28.1421	0.6477	15.8224	0.1987	16.0211	4.3376	0.1901	4.5277	69,039.6114	69,039.6114	3.0898			69,116.8560
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Worker	0.0206	0.0101	0.1909	1.0300e-003	0.1643	3.5000e-004	0.1647	0.0436	3.2000e-004	0.0439	103.1089	103.1089	8.6000e-004			103.1303
Total	3.4954	116.7101	28.3329	0.6487	15.9867	0.1991	16.1857	4.3812	0.1904	4.5716	69,142.7203	69,142.7203	3.0907			69,219.9864

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.1755	0.0000	4.1755	1.5227	0.0000	1.5227			0.0000				0.0000
Off-Road	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250	0.0000	7,213.1086	7,213.1086	0.2370			7,219.0343
Total	2.7241	7.3885	22.3122	0.0699	4.1755	0.2250	4.4006	1.5227	0.2250	1.7477	0.0000	7,213.1086	7,213.1086	0.2370			7,219.0343

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	3.4748	116.7000	28.1421	0.6477	15.8224	0.1987	16.0211	4.3376	0.1901	4.5277		69,039.6114	69,039.6114	3.0898			69,116.8560
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0206	0.0101	0.1909	1.0300e-003	0.1643	3.5000e-004	0.1647	0.0436	3.2000e-004	0.0439		103.1089	103.1089	8.6000e-004			103.1303
Total	3.4954	116.7101	28.3329	0.6487	15.9867	0.1991	16.1857	4.3812	0.1904	4.5716		69,142.7203	69,142.7203	3.0907			69,219.9864

3.5 Building Construction - 2046

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9301	81.8775	14.0916	0.3148	8.1422	0.0767	8.2188	2.3442	0.0733	2.4174		33,300.6900	33,300.6900	1.5237		33,338.7821
Worker	3.1656	1.5432	29.3183	0.1585	25.2358	0.0538	25.2895	6.6937	0.0495	6.7432		15,837.5271	15,837.5271	0.1318		15,840.8208
Total	5.0956	83.4207	43.4099	0.4734	33.3779	0.1304	33.5083	9.0379	0.1227	9.1606		49,138.2171	49,138.2171	1.6554		49,179.6029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9301	81.8775	14.0916	0.3148	8.1422	0.0767	8.2188	2.3442	0.0733	2.4174		33,300.6900	33,300.6900	1.5237		33,338.7821
Worker	3.1656	1.5432	29.3183	0.1585	25.2358	0.0538	25.2895	6.6937	0.0495	6.7432		15,837.5271	15,837.5271	0.1318		15,840.8208
Total	5.0956	83.4207	43.4099	0.4734	33.3779	0.1304	33.5083	9.0379	0.1227	9.1606		49,138.2171	49,138.2171	1.6554		49,179.6029

3.5 Building Construction - 2047

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9301	81.8775	14.0916	0.3148	8.1422	0.0767	8.2188	2.3442	0.0733	2.4174		33,300.6900	33,300.6900	1.5237		33,338.7821
Worker	3.1656	1.5432	29.3183	0.1585	25.2358	0.0538	25.2895	6.6937	0.0495	6.7432		15,837.5271	15,837.5271	0.1318		15,840.8208
Total	5.0956	83.4207	43.4099	0.4734	33.3779	0.1304	33.5083	9.0379	0.1227	9.1606		49,138.2171	49,138.2171	1.6554		49,179.6029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9301	81.8775	14.0916	0.3148	8.1422	0.0767	8.2188	2.3442	0.0733	2.4174	33,300.6900	33,300.6900	1.5237		33,338.7821	
Worker	3.1656	1.5432	29.3183	0.1585	25.2358	0.0538	25.2895	6.6937	0.0495	6.7432	15,837.5271	15,837.5271	0.1318		15,840.8208	
Total	5.0956	83.4207	43.4099	0.4734	33.3779	0.1304	33.5083	9.0379	0.1227	9.1606	49,138.2171	49,138.2171	1.6554		49,179.6029	

3.5 Building Construction - 2048

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9301	81.8775	14.0916	0.3148	8.1422	0.0767	8.2188	2.3442	0.0733	2.4174	33,300.6900	33,300.6900	1.5237			33,338.7821
Worker	3.1656	1.5432	29.3183	0.1585	25.2358	0.0538	25.2895	6.6937	0.0495	6.7432	15,837.5271	15,837.5271	0.1318			15,840.8208
Total	5.0956	83.4207	43.4099	0.4734	33.3779	0.1304	33.5083	9.0379	0.1227	9.1606	49,138.2171	49,138.2171	1.6554			49,179.6029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9301	81.8775	14.0916	0.3148	8.1422	0.0767	8.2188	2.3442	0.0733	2.4174		33,300.6900	33,300.6900	1.5237		33,338.7821
Worker	3.1656	1.5432	29.3183	0.1585	25.2358	0.0538	25.2895	6.6937	0.0495	6.7432		15,837.5271	15,837.5271	0.1318		15,840.8208
Total	5.0956	83.4207	43.4099	0.4734	33.3779	0.1304	33.5083	9.0379	0.1227	9.1606		49,138.2171	49,138.2171	1.6554		49,179.6029

3.6 Paving - 2048

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0155	7.5400e-003	0.1432	7.7000e-004	0.1232	2.6000e-004	0.1235	0.0327	2.4000e-004	0.0329		77.3317	77.3317	6.4000e-004		77.3478
Total	0.0155	7.5400e-003	0.1432	7.7000e-004	0.1232	2.6000e-004	0.1235	0.0327	2.4000e-004	0.0329		77.3317	77.3317	6.4000e-004		77.3478

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0155	7.5400e-003	0.1432	7.7000e-004	0.1232	2.6000e-004	0.1235	0.0327	2.4000e-004	0.0329		77.3317	77.3317	6.4000e-004		77.3478
Total	0.0155	7.5400e-003	0.1432	7.7000e-004	0.1232	2.6000e-004	0.1235	0.0327	2.4000e-004	0.0329		77.3317	77.3317	6.4000e-004		77.3478

3.7 Architectural Coating - 2048

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.9438					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		281.6957
Total	63.0587	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		281.6957

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6327	0.3085	5.8598	0.0317	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		3,165.4432	3,165.4432	0.0263		3,166.1016
Total	0.6327	0.3085	5.8598	0.0317	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		3,165.4432	3,165.4432	0.0263		3,166.1016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.9438					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	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	63.0587	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6327	0.3085	5.8598	0.0317	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		3,165.4432	3,165.4432	0.0263		3,166.1016
Total	0.6327	0.3085	5.8598	0.0317	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		3,165.4432	3,165.4432	0.0263		3,166.1016

3.7 Architectural Coating - 2049

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.9438					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		281.6957
Total	63.0587	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		281.6957

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6327	0.3085	5.8598	0.0317	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		3,165.4432	3,165.4432	0.0263		3,166.1016
Total	0.6327	0.3085	5.8598	0.0317	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		3,165.4432	3,165.4432	0.0263		3,166.1016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.9438					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	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	63.0587	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6327	0.3085	5.8598	0.0317	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		3,165.4432	3,165.4432	0.0263		3,166.1016
Total	0.6327	0.3085	5.8598	0.0317	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		3,165.4432	3,165.4432	0.0263		3,166.1016

3.7 Architectural Coating - 2050

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.9438					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		281.6957
Total	63.0587	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		281.6957

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6068	0.3008	5.7281	0.0315	5.0439	0.0102	5.0541	1.3379	9.3800e-003	1.3472		3,145.1634	3,145.1634	0.0256		3,145.8037
Total	0.6068	0.3008	5.7281	0.0315	5.0439	0.0102	5.0541	1.3379	9.3800e-003	1.3472		3,145.1634	3,145.1634	0.0256		3,145.8037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.9438					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	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	63.0587	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6068	0.3008	5.7281	0.0315	5.0439	0.0102	5.0541	1.3379	9.3800e-003	1.3472		3,145.1634	3,145.1634	0.0256		3,145.8037
Total	0.6068	0.3008	5.7281	0.0315	5.0439	0.0102	5.0541	1.3379	9.3800e-003	1.3472		3,145.1634	3,145.1634	0.0256		3,145.8037

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
Convenience Market With Gas Pumps	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Convenience Market With Gas Pumps	9.50	7.30	7.30	0.80	80.20	19.00	14	21	65
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Convenience Market With Gas Pumps	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
General Light Industry	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
General Office Building	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
Manufacturing	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
Regional Shopping Center	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
Unrefrigerated Warehouse-No Rail	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507

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					
Convenience Market With Gas	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 Light Industry	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
Manufacturing	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
Unrefrigerated Warehouse-No	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

Mitigated	156.9999	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115
Unmitigated	156.9999	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115

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	156.9317					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0682	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115
Total	156.9999	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115

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	156.9317					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0682	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115
Total	156.9999	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan - Phase Five - Construction Only - San Bernardino-Mojave Desert County, Winter

SCLA Specific Plan - Phase Five - Construction Only
San Bernardino-Mojave Desert County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	65.00	1000sqft	3.75	65,000.00	0
General Light Industry	666.67	1000sqft	38.47	666,670.00	0
Manufacturing	1,647.33	1000sqft	95.05	1,647,330.00	0
Unrefrigerated Warehouse-No Rail	4,942.00	1000sqft	285.15	4,942,000.00	0
Convenience Market With Gas Pumps	16.00	Pump	0.05	2,258.80	0
Regional Shopping Center	10.00	1000sqft	0.58	10,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2050
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	1001.57	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction Only.

Land Use - Anticipated buildout and gross lot acreage.

Construction Phase - anticipated construction schedule over 5 years.

Demolition -

Grading - Cut & fill balanced on site.

Architectural Coating - MDAQMD Rule 1113 50 g/L VOC Limit

Vehicle Trips - Construction Only.

Consumer Products - Construction Emissions Only.

Area Coating - Construction Emissions Only.

Energy Use - Construction Emissions Only.

Water And Wastewater - Construction Emissions Only.

Solid Waste - Construction Emissions Only.

Construction Off-road Equipment Mitigation - MDAQMD Rule 403.2

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	3666629	0
tblAreaCoating	Area_Nonresidential_Interior	10999888	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	550.00	540.00
tblConstructionPhase	NumDays	7,750.00	400.00
tblConstructionPhase	NumDays	500.00	160.00
tblConstructionPhase	NumDays	775.00	160.00
tblConstructionPhase	NumDays	550.00	160.00
tblConstructionPhase	NumDays	300.00	140.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	2.93	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	1.17	0.00

tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	5.02	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	17.13	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	2.20	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	15.36	0.00
tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	2.00	0.00
tblGrading	MaterialExported	0.00	1,157,500.00
tblGrading	MaterialImported	0.00	1,157,500.00
tblLandUse	LotAcreage	1.49	3.75
tblLandUse	LotAcreage	15.30	38.47
tblLandUse	LotAcreage	37.82	95.05
tblLandUse	LotAcreage	113.45	285.15
tblLandUse	LotAcreage	0.23	0.58

tblSolidWaste	SolidWasteGenerationRate	826.67	0.00
tblSolidWaste	SolidWasteGenerationRate	60.45	0.00
tblSolidWaste	SolidWasteGenerationRate	2,042.69	0.00
tblSolidWaste	SolidWasteGenerationRate	10.50	0.00
tblSolidWaste	SolidWasteGenerationRate	4,645.48	0.00
tblVehicleTrips	ST_TR	204.47	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	166.88	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	542.60	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	167,314.87	0.00
tblWater	IndoorWaterUseRate	154,167,437.50	0.00
tblWater	IndoorWaterUseRate	11,552,693.62	0.00
tblWater	IndoorWaterUseRate	380,945,062.50	0.00
tblWater	IndoorWaterUseRate	740,725.21	0.00
tblWater	IndoorWaterUseRate	1,142,837,500.00	0.00
tblWater	OutdoorWaterUseRate	102,547.82	0.00

tblWater	OutdoorWaterUseRate	7,080,683.19	0.00
tblWater	OutdoorWaterUseRate	453,992.87	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					
2045	1.9847	8.4166	19.5221	0.0638	18.2141	0.2029	18.4170	9.9699	0.2029	10.1728	0.0000	6,248.7193	6,248.7193	0.2379	0.0000	6,254.6660
2046	6.4958	123.2977	55.9531	0.7019	33.3779	0.4255	33.5830	9.9699	0.4168	10.1728	0.0000	74,579.7810	74,579.7810	3.5591	0.0000	74,668.7582
2047	6.4958	89.2512	55.9531	0.4766	33.3779	0.2051	33.5830	9.0379	0.1973	9.2352	0.0000	49,198.0657	49,198.0657	1.9004	0.0000	49,245.5749
2048	63.7080	89.2512	55.9531	0.4766	33.3779	0.2051	33.5830	9.0379	0.1973	9.2352	0.0000	49,198.0657	49,198.0657	1.9004	0.0000	49,245.5749
2049	63.7080	1.0477	6.4751	0.0314	5.0439	0.0182	5.0620	1.3379	0.0173	1.3552	0.0000	3,119.9772	3,119.9772	0.0327	0.0000	3,120.7949
2050	63.6841	1.0397	6.3632	0.0312	5.0439	0.0176	5.0615	1.3379	0.0168	1.3547	0.0000	3,101.8378	3,101.8378	0.0321	0.0000	3,102.6392
Maximum	63.7080	123.2977	55.9531	0.7019	33.3779	0.4255	33.5830	9.9699	0.4168	10.1728	0.0000	74,579.7810	74,579.7810	3.5591	0.0000	74,668.7582

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					
2045	1.9847	8.4166	19.5221	0.0638	7.1937	0.2029	7.3966	3.9122	0.2029	4.1151	0.0000	6,248.7193	6,248.7193	0.2379	0.0000	6,254.6660

2046	6.4958	123.2977	55.9531	0.7019	33.3779	0.4255	33.5830	9.0379	0.4168	9.2352	0.0000	74,579.78 10	74,579.781 0	3.5591	0.0000	74,668.75 82
2047	6.4958	89.2512	55.9531	0.4766	33.3779	0.2051	33.5830	9.0379	0.1973	9.2352	0.0000	49,198.06 57	49,198.065 7	1.9004	0.0000	49,245.57 49
2048	63.7080	89.2512	55.9531	0.4766	33.3779	0.2051	33.5830	9.0379	0.1973	9.2352	0.0000	49,198.06 57	49,198.065 7	1.9004	0.0000	49,245.57 49
2049	63.7080	1.0477	6.4751	0.0314	5.0439	0.0182	5.0620	1.3379	0.0173	1.3552	0.0000	3,119.977 2	3,119.9772	0.0327	0.0000	3,120.794 9
2050	63.6841	1.0397	6.3632	0.0312	5.0439	0.0176	5.0615	1.3379	0.0168	1.3547	0.0000	3,101.837 8	3,101.8378	0.0321	0.0000	3,102.639 2
Maximum	63.7080	123.2977	55.9531	0.7019	33.3779	0.4255	33.5830	9.0379	0.4168	9.2352	0.0000	74,579.78 10	74,579.781 0	3.5591	0.0000	74,668.75 82

	ROG	NOx	CO	SO2	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	8.58	0.00	8.52	17.18	0.00	16.85	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	156.9999	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115
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	156.9999	6.7000e-003	0.7453	6.0000e-005	0.0000	2.6400e-003	2.6400e-003	0.0000	2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003	0.0000	1.7115

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	156.9999	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115
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	156.9999	6.7000e-003	0.7453	6.0000e-005	0.0000	2.6400e-003	2.6400e-003	0.0000	2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003	0.0000	1.7115

	ROG	NOx	CO	SO2	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	Demolition	Demolition	1/2/2045	8/11/2045	5	160	
2	Site Preparation	Site Preparation	8/12/2045	2/23/2046	5	140	
3	Grading	Grading	2/24/2046	10/5/2046	5	160	
4	Building Construction	Building Construction	10/6/2046	4/17/2048	5	400	
5	Paving	Paving	4/18/2048	11/27/2048	5	160	
6	Architectural Coating	Architectural Coating	11/28/2048	12/23/2050	5	540	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 400

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 10,999,888; Non-Residential Outdoor: 3,666,629; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Demolition	6	15.00	0.00	3,873.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	144,688.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	3,072.00	1,202.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	614.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.3037	0.0000	5.3037	0.8032	0.0000	0.8032			0.0000			0.0000
Off-Road	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629		4,378.5819	4,378.5819	0.1484		4,382.2921
Total	1.6982	5.3064	18.5788	0.0462	5.3037	0.1629	5.4666	0.8032	0.1629	0.9661		4,378.5819	4,378.5819	0.1484		4,382.2921

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0972	3.1024	0.8289	0.0169	0.4235	5.3600e-003	0.4289	0.1161	5.1200e-003	0.1212		1,800.7922	1,800.7922	0.0889		1,803.0148
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0159	7.8400e-003	0.1144	6.9000e-004	0.1232	2.6000e-004	0.1235	0.0327	2.4000e-004	0.0329		69.3452	69.3452	5.6000e-004		69.3591
Total	0.1130	3.1102	0.9433	0.0176	0.5468	5.6200e-003	0.5524	0.1488	5.3600e-003	0.1542		1,870.1374	1,870.1374	0.0895		1,872.3739

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.0684	0.0000	2.0684	0.3132	0.0000	0.3132			0.0000				0.0000
Off-Road	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629	0.0000	4,378.5819	4,378.5819	0.1484			4,382.2920
Total	1.6982	5.3064	18.5788	0.0462	2.0684	0.1629	2.2313	0.3132	0.1629	0.4761	0.0000	4,378.5819	4,378.5819	0.1484			4,382.2920

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0972	3.1024	0.8289	0.0169	0.4235	5.3600e-003	0.4289	0.1161	5.1200e-003	0.1212		1,800.7922	1,800.7922	0.0889			1,803.0148
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0159	7.8400e-003	0.1144	6.9000e-004	0.1232	2.6000e-004	0.1235	0.0327	2.4000e-004	0.0329		69.3452	69.3452	5.6000e-004			69.3591
Total	0.1130	3.1102	0.9433	0.0176	0.5468	5.6200e-003	0.5524	0.1488	5.3600e-003	0.1542		1,870.1374	1,870.1374	0.0895			1,872.3739

3.3 Site Preparation - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026		4,409.7537	4,409.7537	0.1707		4,414.0214
Total	1.9657	7.9943	15.7797	0.0466	18.0663	0.2026	18.2688	9.9307	0.2026	10.1333		4,409.7537	4,409.7537	0.1707		4,414.0214

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0190	9.4000e-003	0.1373	8.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		83.2142	83.2142	6.7000e-004		83.2309
Total	0.0190	9.4000e-003	0.1373	8.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		83.2142	83.2142	6.7000e-004		83.2309

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214

Total	1.9657	7.9943	15.7797	0.0466	7.0458	0.2026	7.2484	3.8730	0.2026	4.0755	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0190	9.4000e-003	0.1373	8.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		83.2142	83.2142	6.7000e-004		83.2309
Total	0.0190	9.4000e-003	0.1373	8.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		83.2142	83.2142	6.7000e-004		83.2309

3.3 Site Preparation - 2046

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026		4,409.7537	4,409.7537	0.1707		4,414.0214
Total	1.9657	7.9943	15.7797	0.0466	18.0663	0.2026	18.2688	9.9307	0.2026	10.1333		4,409.7537	4,409.7537	0.1707		4,414.0214

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0190	9.4000e-003	0.1373	8.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		83.2142	83.2142	6.7000e-004		83.2309
Total	0.0190	9.4000e-003	0.1373	8.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		83.2142	83.2142	6.7000e-004		83.2309

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214
Total	1.9657	7.9943	15.7797	0.0466	7.0458	0.2026	7.2484	3.8730	0.2026	4.0755	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0190	9.4000e-003	0.1373	8.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		83.2142	83.2142	6.7000e-004	83.2309
Total	0.0190	9.4000e-003	0.1373	8.3000e-004	0.1479	3.1000e-004	0.1482	0.0392	2.9000e-004	0.0395		83.2142	83.2142	6.7000e-004	83.2309

3.4 Grading - 2046

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					10.7065	0.0000	10.7065	3.9044	0.0000	3.9044			0.0000			0.0000
Off-Road	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250		7,213.1086	7,213.1086	0.2370		7,219.0343
Total	2.7241	7.3885	22.3122	0.0699	10.7065	0.2250	10.9315	3.9044	0.2250	4.1294		7,213.1086	7,213.1086	0.2370		7,219.0343

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.6304	115.8988	30.9662	0.6311	15.8224	0.2001	16.0225	4.3376	0.1914	4.5291		67,274.2122	67,274.2122	3.3213		67,357.2451
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0212	0.0105	0.1525	9.3000e-004	0.1643	3.5000e-004	0.1647	0.0436	3.2000e-004	0.0439		92.4602	92.4602	7.4000e-004		92.4788
Total	3.6516	115.9092	31.1187	0.6320	15.9867	0.2004	16.1871	4.3812	0.1917	4.5730		67,366.6725	67,366.6725	3.3221		67,449.7239

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.1755	0.0000	4.1755	1.5227	0.0000	1.5227			0.0000			0.0000
Off-Road	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250	0.0000	7,213.1086	7,213.1086	0.2370		7,219.0343
Total	2.7241	7.3885	22.3122	0.0699	4.1755	0.2250	4.4006	1.5227	0.2250	1.7477	0.0000	7,213.1086	7,213.1086	0.2370		7,219.0343

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.6304	115.8988	30.9662	0.6311	15.8224	0.2001	16.0225	4.3376	0.1914	4.5291		67,274.2122	67,274.2122	3.3213		67,357.2451
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0212	0.0105	0.1525	9.3000e-004	0.1643	3.5000e-004	0.1647	0.0436	3.2000e-004	0.0439		92.4602	92.4602	7.4000e-004		92.4788
Total	3.6516	115.9092	31.1187	0.6320	15.9867	0.2004	16.1871	4.3812	0.1917	4.5730		67,366.6725	67,366.6725	3.3221		67,449.7239

3.5 Building Construction - 2046

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0504	80.7562	16.4052	0.3035	8.1422	0.0776	8.2198	2.3442	0.0742	2.4183		32,098.6269	32,098.6269	1.6822		32,140.6808
Worker	3.2485	1.6047	23.4295	0.1421	25.2358	0.0538	25.2895	6.6937	0.0495	6.7432		14,201.8917	14,201.8917	0.1141		14,204.7439
Total	5.2988	82.3608	39.8347	0.4456	33.3779	0.1313	33.5093	9.0379	0.1236	9.1615		46,300.5186	46,300.5186	1.7962		46,345.4246

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0504	80.7562	16.4052	0.3035	8.1422	0.0776	8.2198	2.3442	0.0742	2.4183		32,098.629	32,098.626	1.6822		32,140.6808
Worker	3.2485	1.6047	23.4295	0.1421	25.2358	0.0538	25.2895	6.6937	0.0495	6.7432		14,201.897	14,201.891	0.1141		14,204.7439
Total	5.2988	82.3608	39.8347	0.4456	33.3779	0.1313	33.5093	9.0379	0.1236	9.1615		46,300.5186	46,300.5186	1.7962		46,345.4246

3.5 Building Construction - 2047

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0504	80.7562	16.4052	0.3035	8.1422	0.0776	8.2198	2.3442	0.0742	2.4183		32,098.6269	32,098.6269	1.6822		32,140.6808
Worker	3.2485	1.6047	23.4295	0.1421	25.2358	0.0538	25.2895	6.6937	0.0495	6.7432		14,201.8917	14,201.8917	0.1141		14,204.7439
Total	5.2988	82.3608	39.8347	0.4456	33.3779	0.1313	33.5093	9.0379	0.1236	9.1615		46,300.5186	46,300.5186	1.7962		46,345.4246

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0504	80.7562	16.4052	0.3035	8.1422	0.0776	8.2198	2.3442	0.0742	2.4183	32,098.6269	32,098.6269	1.6822		32,140.6808	
Worker	3.2485	1.6047	23.4295	0.1421	25.2358	0.0538	25.2895	6.6937	0.0495	6.7432	14,201.8917	14,201.8917	0.1141		14,204.7439	
Total	5.2988	82.3608	39.8347	0.4456	33.3779	0.1313	33.5093	9.0379	0.1236	9.1615	46,300.5186	46,300.5186	1.7962		46,345.4246	

3.5 Building Construction - 2048

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0504	80.7562	16.4052	0.3035	8.1422	0.0776	8.2198	2.3442	0.0742	2.4183	32,098.6269	32,098.6269	1.6822			32,140.6808
Worker	3.2485	1.6047	23.4295	0.1421	25.2358	0.0538	25.2895	6.6937	0.0495	6.7432	14,201.8917	14,201.8917	0.1141			14,204.7439
Total	5.2988	82.3608	39.8347	0.4456	33.3779	0.1313	33.5093	9.0379	0.1236	9.1615	46,300.5186	46,300.5186	1.7962			46,345.4246

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0504	80.7562	16.4052	0.3035	8.1422	0.0776	8.2198	2.3442	0.0742	2.4183		32,098.6269	32,098.6269	1.6822		32,140.6808
Worker	3.2485	1.6047	23.4295	0.1421	25.2358	0.0538	25.2895	6.6937	0.0495	6.7432		14,201.8917	14,201.8917	0.1141		14,204.7439
Total	5.2988	82.3608	39.8347	0.4456	33.3779	0.1313	33.5093	9.0379	0.1236	9.1615		46,300.5186	46,300.5186	1.7962		46,345.4246

3.6 Paving - 2048

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0159	7.8400e-003	0.1144	6.9000e-004	0.1232	2.6000e-004	0.1235	0.0327	2.4000e-004	0.0329		69.3452	69.3452	5.6000e-004		69.3591
Total	0.0159	7.8400e-003	0.1144	6.9000e-004	0.1232	2.6000e-004	0.1235	0.0327	2.4000e-004	0.0329		69.3452	69.3452	5.6000e-004		69.3591

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0159	7.8400e-003	0.1144	6.9000e-004	0.1232	2.6000e-004	0.1235	0.0327	2.4000e-004	0.0329		69.3452	69.3452	5.6000e-004		69.3591
Total	0.0159	7.8400e-003	0.1144	6.9000e-004	0.1232	2.6000e-004	0.1235	0.0327	2.4000e-004	0.0329		69.3452	69.3452	5.6000e-004		69.3591

3.7 Architectural Coating - 2048

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.9438					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		281.6957
Total	63.0587	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		281.6957

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6493	0.3207	4.6828	0.0284	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		2,838.5291	2,838.5291	0.0228		2,839.0992
Total	0.6493	0.3207	4.6828	0.0284	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		2,838.5291	2,838.5291	0.0228		2,839.0992

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.9438					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	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	63.0587	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6493	0.3207	4.6828	0.0284	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		2,838.5291	2,838.5291	0.0228		2,839.0992
Total	0.6493	0.3207	4.6828	0.0284	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		2,838.5291	2,838.5291	0.0228		2,839.0992

3.7 Architectural Coating - 2049

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.9438					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		281.6957
Total	63.0587	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		281.6957

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6493	0.3207	4.6828	0.0284	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		2,838.5291	2,838.5291	0.0228		2,839.0992
Total	0.6493	0.3207	4.6828	0.0284	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		2,838.5291	2,838.5291	0.0228		2,839.0992

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.9438					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	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	63.0587	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6493	0.3207	4.6828	0.0284	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		2,838.5291	2,838.5291	0.0228		2,839.0992
Total	0.6493	0.3207	4.6828	0.0284	5.0439	0.0107	5.0546	1.3379	9.8800e-003	1.3478		2,838.5291	2,838.5291	0.0228		2,839.0992

3.7 Architectural Coating - 2050

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.9438					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		281.6957
Total	63.0587	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		281.6957

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6254	0.3127	4.5709	0.0282	5.0439	0.0102	5.0541	1.3379	9.3800e-003	1.3472		2,820.3897	2,820.3897	0.0222		2,820.9435
Total	0.6254	0.3127	4.5709	0.0282	5.0439	0.0102	5.0541	1.3379	9.3800e-003	1.3472		2,820.3897	2,820.3897	0.0222		2,820.9435

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	62.9438					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	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	63.0587	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6254	0.3127	4.5709	0.0282	5.0439	0.0102	5.0541	1.3379	9.3800e-003	1.3472		2,820.3897	2,820.3897	0.0222		2,820.9435
Total	0.6254	0.3127	4.5709	0.0282	5.0439	0.0102	5.0541	1.3379	9.3800e-003	1.3472		2,820.3897	2,820.3897	0.0222		2,820.9435

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
Convenience Market With Gas Pumps	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Convenience Market With Gas Pumps	9.50	7.30	7.30	0.80	80.20	19.00	14	21	65
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Convenience Market With Gas Pumps	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
General Light Industry	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
General Office Building	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
Manufacturing	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
Regional Shopping Center	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
Unrefrigerated Warehouse-No Rail	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507

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					
Convenience Market With Gas	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 Light Industry	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
Manufacturing	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
Unrefrigerated Warehouse-No	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

Mitigated	156.9999	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115
Unmitigated	156.9999	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115

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	156.9317					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0682	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115
Total	156.9999	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115

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	156.9317					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0682	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115
Total	156.9999	6.7000e-003	0.7453	6.0000e-005		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003		1.6079	1.6079	4.1400e-003		1.7115

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan EIR - Existing Uses 2050 - San Bernardino-Mojave Desert County, Annual

SCLA Specific Plan EIR - Existing Uses 2050
San Bernardino-Mojave Desert County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Manufacturing	788.80	1000sqft	18.11	788,800.00	0
Unrefrigerated Warehouse-No Rail	3,015.20	1000sqft	69.22	3,015,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2050
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SB 100 = 100% renewable energy by 2045.

Land Use - Existing on-site uses. Modeled based off thousand square feet from Traffic Impact Analysis.

Construction Phase - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Grading -

Vehicle Trips - Existing Operational uses only. Existing trips have already been deducted from modeled project daily ADT.

Area Coating - MDAQMD Rule 1113

Energy Use -

Trips and VMT - Operaitonal emisisions only.

Architectural Coating - MDAQMD Rule 1113

Area Mitigation - MDAQMD Rule 1113

Energy Mitigation - 2019 Title 24 requirements

Water Mitigation - 2019 CalGreen/Title 24 requirements.

Waste Mitigation - AB 341 post 2020

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_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	50
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	1,550.00	0.00
tblConstructionPhase	NumDays	100.00	0.00
tblConstructionPhase	NumDays	155.00	0.00
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	60.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	1001.57	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblTripsAndVMT	VendorTripNumber	623.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,598.00	0.00
tblTripsAndVMT	WorkerTripNumber	320.00	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	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					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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

	ROG	NOx	CO	SO2	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					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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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
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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	15.7413	3.1000e-004	0.0347	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0680	0.0680	1.8000e-004	0.0000	0.0724
Energy	0.1712	1.5563	1.3073	9.3400e-003		0.1183	0.1183		0.1183	0.1183	0.0000	1,694.2458	1,694.2458	0.0325	0.0311	1,704.3139
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	773.8828	0.0000	773.8828	45.7352	0.0000	1,917.2618
Water						0.0000	0.0000		0.0000	0.0000	279.0803	0.0000	279.0803	28.6642	0.6768	1,197.3795
Total	15.9125	1.5566	1.3420	9.3400e-003	0.0000	0.1184	0.1184	0.0000	0.1184	0.1184	1,052.9630	1,694.3138	2,747.2769	74.4320	0.7079	4,819.0275

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	15.7413	3.1000e-004	0.0347	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0680	0.0680	1.8000e-004	0.0000	0.0724
Energy	0.1418	1.2895	1.0832	7.7400e-003		0.0980	0.0980		0.0980	0.0980	0.0000	1,403.7381	1,403.7381	0.0269	0.0257	1,412.0798

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	193.4707	0.0000	193.4707	11.4338	0.0000	479.3154
Water						0.0000	0.0000		0.0000	0.0000	223.2642	0.0000	223.2642	22.9314	0.5415	957.9036
Total	15.8831	1.2898	1.1179	7.7400e-003	0.0000	0.0981	0.0981	0.0000	0.0981	0.0981	416.7349	1,403.8060	1,820.5410	34.3923	0.5672	2,849.3712

	ROG	NOx	CO	SO2	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	0.18	17.14	16.70	17.13	0.00	17.13	17.13	0.00	17.13	17.13	60.42	17.15	33.73	53.79	19.87	40.87

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/15/2020	6/14/2020	5	0	
2	Site Preparation	Site Preparation	10/31/2020	10/30/2020	5	0	
3	Grading	Grading	1/23/2021	1/22/2021	5	0	
4	Building Construction	Building Construction	8/28/2021	8/27/2021	5	0	
5	Paving	Paving	8/7/2027	8/6/2027	5	0	
6	Architectural Coating	Architectural Coating	1/8/2028	1/7/2028	5	0	

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: 5,706,000; Non-Residential Outdoor: 1,902,000; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38

Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	8.00	132	0.36
Paving	Rollers	0	8.00	80	0.38
Architectural Coating	Air Compressors	0	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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 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	0.0000	0.0000	0.0000	0.0000	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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Mitigated Construction Off-Site

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

3.4 Grading - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.5 Building Construction - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

Paving	0.0000	0.0000	0.0000	0.0000	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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.7 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Manufacturing	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Manufacturing	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507

Unrefrigerated Warehouse-No Rail	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.1418	1.2895	1.0832	7.7400e-003		0.0980	0.0980		0.0980	0.0980	0.0000	1,403.7381	1,403.7381	0.0269	0.0257	1,412.0798
NaturalGas Unmitigated	0.1712	1.5563	1.3073	9.3400e-003		0.1183	0.1183		0.1183	0.1183	0.0000	1,694.2458	1,694.2458	0.0325	0.0311	1,704.3139

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					
Manufacturing	2.56281e+007	0.1382	1.2563	1.0553	7.5400e-003		0.0955	0.0955		0.0955	0.0955	0.0000	1,367.6137	1,367.6137	0.0262	0.0251	1,375.7407
Unrefrigerated Warehouse-No Rail	6.12086e+006	0.0330	0.3000	0.2520	1.8000e-003		0.0228	0.0228		0.0228	0.0228	0.0000	326.6322	326.6322	6.2600e-003	5.9900e-003	328.5732

Total		0.1712	1.5563	1.3073	9.3400e-003		0.1183	0.1183		0.1183	0.1183	0.0000	1,694.2458	1,694.2458	0.0325	0.0311	1,704.3139
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Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Manufacturing	2.19933e+007	0.1186	1.0781	0.9056	6.4700e-003		0.0819	0.0819		0.0819	0.0819	0.0000	1,173.6474	1,173.6474	0.0225	0.0215	1,180.6218
Unrefrigerated Warehouse-No	4.31174e+006	0.0233	0.2114	0.1775	1.2700e-003		0.0161	0.0161		0.0161	0.0161	0.0000	230.0907	230.0907	4.4100e-003	4.2200e-003	231.4580
Total		0.1418	1.2895	1.0832	7.7400e-003		0.0980	0.0980		0.0980	0.0980	0.0000	1,403.7381	1,403.7381	0.0269	0.0257	1,412.0798

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Manufacturing	8.00632e+006	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	7.11587e+006	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Manufacturing	7.48571e+006	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	6.78118e+006	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

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	15.7413	3.1000e-004	0.0347	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0680	0.0680	1.8000e-004	0.0000	0.0724
Unmitigated	15.7413	3.1000e-004	0.0347	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0680	0.0680	1.8000e-004	0.0000	0.0724

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	0.8816					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	14.8565					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1800e-003	3.1000e-004	0.0347	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0680	0.0680	1.8000e-004	0.0000	0.0724
Total	15.7413	3.1000e-004	0.0347	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0680	0.0680	1.8000e-004	0.0000	0.0724

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	0.8816					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	14.8565					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1800e-003	3.1000e-004	0.0347	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0680	0.0680	1.8000e-004	0.0000	0.0724
Total	15.7413	3.1000e-004	0.0347	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0680	0.0680	1.8000e-004	0.0000	0.0724

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	223.2642	22.9314	0.5415	957.9036
Unmitigated	279.0803	28.6642	0.6768	1,197.3795

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Manufacturing	182.41 / 0	57.8703	5.9438	0.1404	248.2894
Unrefrigerated Warehouse-No	697.265 / 0	221.2100	22.7204	0.5365	949.0901
Total		279.0803	28.6642	0.6768	1,197.3795

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Manufacturing	145.928 / 0	46.2962	4.7551	0.1123	198.6315
Unrefrigerated Warehouse-No	557.812 / 0	176.9680	18.1763	0.4292	759.2721
Total		223.2642	22.9314	0.5415	957.9036

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	193.4707	11.4338	0.0000	479.3154
Unmitigated	773.8828	45.7352	0.0000	1,917.2618

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
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Land Use	tons	MT/yr			
Manufacturing	978.11	198.5475	11.7338	0.0000	491.8930
Unrefrigerated Warehouse-No	2834.29	575.3353	34.0013	0.0000	1,425.3688
Total		773.8828	45.7352	0.0000	1,917.2618

Mitigated

Land Use	Waste Disposed tons	Total CO2	CH4	N2O	CO2e
Manufacturing	244.528	49.6369	2.9335	0.0000	122.9733
Unrefrigerated Warehouse-No	708.572	143.8338	8.5003	0.0000	356.3422
Total		193.4707	11.4338	0.0000	479.3154

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan EIR - Existing Uses 2050 - San Bernardino-Mojave Desert County, Winter

SCLA Specific Plan EIR - Existing Uses 2050
San Bernardino-Mojave Desert County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Manufacturing	788.80	1000sqft	18.11	788,800.00	0
Unrefrigerated Warehouse-No Rail	3,015.20	1000sqft	69.22	3,015,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2050
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SB 100 = 100% renewable energy by 2045.

Land Use - Existing on-site uses. Modeled based off thousand square feet from Traffic Impact Analysis.

Construction Phase - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Grading -

Vehicle Trips - Existing Operational uses only. Existing trips have already been deducted from modeled project daily ADT.

Area Coating - MDAQMD Rule 1113

Energy Use -

Trips and VMT - Operaitonal emisisions only.

Architectural Coating - MDAQMD Rule 1113

Area Mitigation - MDAQMD Rule 1113

Energy Mitigation - 2019 Title 24 requirements

Water Mitigation - 2019 CalGreen/Title 24 requirements.

Waste Mitigation - AB 341 post 2020

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_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	50
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	1,550.00	0.00
tblConstructionPhase	NumDays	100.00	0.00
tblConstructionPhase	NumDays	155.00	0.00
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	60.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	1001.57	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblTripsAndVMT	VendorTripNumber	623.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,598.00	0.00
tblTripsAndVMT	WorkerTripNumber	320.00	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	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					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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

	ROG	NOx	CO	SO2	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					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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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
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2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	86.2715	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861
Energy	0.9381	8.5278	7.1633	0.0512		0.6481	0.6481		0.6481	0.6481		10,233.3499	10,233.3499	0.1961	0.1876	10,294.1616
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	87.2095	8.5313	7.5492	0.0512	0.0000	0.6495	0.6495	0.0000	0.6495	0.6495		10,234.1824	10,234.1824	0.1983	0.1876	10,295.0477

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	86.2715	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861
Energy	0.7772	7.0656	5.9351	0.0424		0.5370	0.5370		0.5370	0.5370		8,478.6648	8,478.6648	0.1625	0.1554	8,529.0493
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	87.0487	7.0690	6.3210	0.0424	0.0000	0.5384	0.5384	0.0000	0.5384	0.5384		8,479.4973	8,479.4973	0.1647	0.1554	8,529.9354

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Percent Reduction	0.18	17.14	16.27	17.15	0.00	17.11	17.11	0.00	17.11	17.11	0.00	17.15	17.15	16.96	17.15	17.15
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3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/15/2020	6/14/2020	5	0	
2	Site Preparation	Site Preparation	10/31/2020	10/30/2020	5	0	
3	Grading	Grading	1/23/2021	1/22/2021	5	0	
4	Building Construction	Building Construction	8/28/2021	8/27/2021	5	0	
5	Paving	Paving	8/7/2027	8/6/2027	5	0	
6	Architectural Coating	Architectural Coating	1/8/2028	1/7/2028	5	0	

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: 5,706,000; Non-Residential Outdoor: 1,902,000; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37

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
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Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.4 Grading - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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
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Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.6 Paving - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0000	0.0000	0.0000	0.0000	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

Unmitigated Construction Off-Site

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

3.7 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Manufacturing	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Manufacturing	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
Unrefrigerated Warehouse-No Rail	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7772	7.0656	5.9351	0.0424		0.5370	0.5370		0.5370	0.5370		8,478.6648	8,478.6648	0.1625	0.1554	8,529.0493
NaturalGas Unmitigated	0.9381	8.5278	7.1633	0.0512		0.6481	0.6481		0.6481	0.6481		10,233.3499	10,233.3499	0.1961	0.1876	10,294.1616

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Manufacturing	70214	0.7572	6.8837	5.7823	0.0413		0.5232	0.5232		0.5232	0.5232		8,260.4712	8,260.4712	0.1583	0.1514	8,309.5591
Unrefrigerated Warehouse-No Pail	16769.5	0.1809	1.6441	1.3810	9.8600e-003		0.1250	0.1250		0.1250	0.1250		1,972.8787	1,972.8787	0.0378	0.0362	1,984.6025
Total		0.9381	8.5278	7.1634	0.0512		0.6481	0.6481		0.6481	0.6481		10,233.3499	10,233.3499	0.1961	0.1876	10,294.1616

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Manufacturing	60.2557	0.6498	5.9074	4.9622	0.0354		0.4490	0.4490		0.4490	0.4490		7,088.9030	7,088.9030	0.1359	0.1300	7,131.0288

Unrefrigerated Warehouse-No	11.813	0.1274	1.1581	0.9728	6.9500e-003		0.0880	0.0880		0.0880	0.0880		1,389.7618	1,389.7618	0.0266	0.0255	1,398.0205
Total		0.7772	7.0656	5.9351	0.0424		0.5370	0.5370		0.5370	0.5370		8,478.6648	8,478.6648	0.1625	0.1554	8,529.0493

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	86.2715	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861
Unmitigated	86.2715	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861

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	4.8306					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	81.4056					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0353	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861
Total	86.2715	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861

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	4.8306					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	81.4056					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0353	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861
Total	86.2715	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan EIR - Existing Uses 2050 - San Bernardino-Mojave Desert County, Summer

SCLA Specific Plan EIR - Existing Uses 2050
San Bernardino-Mojave Desert County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Manufacturing	788.80	1000sqft	18.11	788,800.00	0
Unrefrigerated Warehouse-No Rail	3,015.20	1000sqft	69.22	3,015,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2050
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SB 100 = 100% renewable energy by 2045.

Land Use - Existing on-site uses. Modeled based off thousand square feet from Traffic Impact Analysis.

Construction Phase - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Off-road Equipment - Existing Operational uses only.

Grading -

Vehicle Trips - Existing Operational uses only. Existing trips have already been deducted from modeled project daily ADT.

Area Coating - MDAQMD Rule 1113

Energy Use -

Trips and VMT - Operaitonal emisisions only.

Architectural Coating - MDAQMD Rule 1113

Area Mitigation - MDAQMD Rule 1113

Energy Mitigation - 2019 Title 24 requirements

Water Mitigation - 2019 CalGreen/Title 24 requirements.

Waste Mitigation - AB 341 post 2020

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_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	50
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	1,550.00	0.00
tblConstructionPhase	NumDays	100.00	0.00
tblConstructionPhase	NumDays	155.00	0.00
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	60.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	1001.57	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblTripsAndVMT	VendorTripNumber	623.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,598.00	0.00
tblTripsAndVMT	WorkerTripNumber	320.00	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	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					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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

	ROG	NOx	CO	SO2	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					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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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
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2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	86.2715	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861
Energy	0.9381	8.5278	7.1633	0.0512		0.6481	0.6481		0.6481	0.6481		10,233.3499	10,233.3499	0.1961	0.1876	10,294.1616
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	87.2095	8.5313	7.5492	0.0512	0.0000	0.6495	0.6495	0.0000	0.6495	0.6495		10,234.1824	10,234.1824	0.1983	0.1876	10,295.0477

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	86.2715	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861
Energy	0.7772	7.0656	5.9351	0.0424		0.5370	0.5370		0.5370	0.5370		8,478.6648	8,478.6648	0.1625	0.1554	8,529.0493
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	87.0487	7.0690	6.3210	0.0424	0.0000	0.5384	0.5384	0.0000	0.5384	0.5384		8,479.4973	8,479.4973	0.1647	0.1554	8,529.9354

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Percent Reduction	0.18	17.14	16.27	17.15	0.00	17.11	17.11	0.00	17.11	17.11	0.00	17.15	17.15	16.96	17.15	17.15
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3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/15/2020	6/14/2020	5	0	
2	Site Preparation	Site Preparation	10/31/2020	10/30/2020	5	0	
3	Grading	Grading	1/23/2021	1/22/2021	5	0	
4	Building Construction	Building Construction	8/28/2021	8/27/2021	5	0	
5	Paving	Paving	8/7/2027	8/6/2027	5	0	
6	Architectural Coating	Architectural Coating	1/8/2028	1/7/2028	5	0	

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: 5,706,000; Non-Residential Outdoor: 1,902,000; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37

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	0.0000
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Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.4 Grading - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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
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Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.6 Paving - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0000	0.0000	0.0000	0.0000	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

Unmitigated Construction Off-Site

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

3.7 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Manufacturing	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Manufacturing	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507
Unrefrigerated Warehouse-No Rail	0.570617	0.032735	0.184950	0.099134	0.008595	0.004048	0.019079	0.071705	0.001393	0.001267	0.005268	0.000701	0.000507

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7772	7.0656	5.9351	0.0424		0.5370	0.5370		0.5370	0.5370		8,478.6648	8,478.6648	0.1625	0.1554	8,529.0493
NaturalGas Unmitigated	0.9381	8.5278	7.1633	0.0512		0.6481	0.6481		0.6481	0.6481		10,233.3499	10,233.3499	0.1961	0.1876	10,294.1616

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Manufacturing	70214	0.7572	6.8837	5.7823	0.0413		0.5232	0.5232		0.5232	0.5232		8,260.4712	8,260.4712	0.1583	0.1514	8,309.5591
Unrefrigerated Warehouse-No Pail	16769.5	0.1809	1.6441	1.3810	9.8600e-003		0.1250	0.1250		0.1250	0.1250		1,972.8787	1,972.8787	0.0378	0.0362	1,984.6025
Total		0.9381	8.5278	7.1634	0.0512		0.6481	0.6481		0.6481	0.6481		10,233.3499	10,233.3499	0.1961	0.1876	10,294.1616

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Manufacturing	60.2557	0.6498	5.9074	4.9622	0.0354		0.4490	0.4490		0.4490	0.4490		7,088.9030	7,088.9030	0.1359	0.1300	7,131.0288

Unrefrigerated Warehouse-No	11.813	0.1274	1.1581	0.9728	6.9500e-003		0.0880	0.0880		0.0880	0.0880		1,389.7618	1,389.7618	0.0266	0.0255	1,398.0205
Total		0.7772	7.0656	5.9351	0.0424		0.5370	0.5370		0.5370	0.5370		8,478.6648	8,478.6648	0.1625	0.1554	8,529.0493

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	86.2715	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003			0.8861
Unmitigated	86.2715	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003			0.8861

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	4.8306					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	81.4056					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0353	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861
Total	86.2715	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861

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	4.8306					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	81.4056					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0353	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861
Total	86.2715	3.4700e-003	0.3859	3.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003		0.8325	0.8325	2.1400e-003		0.8861

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan EIR - Unmitigated Operational - San Bernardino-Mojave Desert County, Annual

SCLA Specific Plan EIR - Unmitigated Operational
San Bernardino-Mojave Desert County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	345.00	1000sqft	799.20	345,000.00	0
General Heavy Industry	2,750.00	1000sqft	799.20	2,750,000.00	0
General Light Industry	2,525.08	1000sqft	799.20	2,525,080.00	0
Manufacturing	4,551.77	1000sqft	799.20	4,551,770.00	0
Unrefrigerated Warehouse-No Rail	15,612.68	1000sqft	797.76	15,612,680.00	0
Fast Food Restaurant w/o Drive Thru	6.50	1000sqft	0.15	6,500.00	0
High Turnover (Sit Down Restaurant)	18.00	1000sqft	0.41	18,000.00	0
Convenience Market With Gas Pumps	36.00	Pump	0.12	5,082.30	0
Regional Shopping Center	33.00	1000sqft	0.76	33,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2050
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Statewide Average with 100% reduction due to goals & regulation in SB 100 (2045 - 100% renewable energy).

Land Use - Based off the Land Use Intensities in the Michael Baker International, Southern California Logistics Airport Specific Plan Traffic Impact Analysis, April 23, 2020, and information from the Applicant
 Construction Phase - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Grading - Operational Run Only.

Architectural Coating - MDAQMD Rule 1113

Vehicle Trips - Per the traffic study the project would have 71,971 ADT.

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Area Coating - MDAQMD Rule 1113

Energy Use -

Mobile Land Use Mitigation -

Area Mitigation - MDAQMD Rule 1113

Energy Mitigation - 2019 Title 24 Requirements are 30% more efficient than model 2016 Title 24 standards.

Water Mitigation - 2019 Title 24 & CalGreen.

Waste Mitigation - AB 341 post 2020 requirement.

Fleet Mix - According to the TIA and communication with the traffic engineer, only the manufacturing, warehousing, and light industrial uses would have truck trips that 100% LPA (percentage) was assumed

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_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100

tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	50
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tblConstructionPhase	NumDays	155,000.00	0.00
tblConstructionPhase	NumDays	10,000.00	0.00
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tblConstructionPhase	NumDays	11,000.00	0.00
tblConstructionPhase	NumDays	6,000.00	0.00
tblFleetMix	HHD	0.07	0.00
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tblFleetMix	HHD	0.07	0.07
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tbIFleetMix	MCY	5.2680e-003	0.00
tbIFleetMix	MCY	5.2680e-003	5.2780e-003
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tbIFleetMix	MCY	5.2680e-003	5.2780e-003
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tbIFleetMix	MDV	0.10	0.00
tbIFleetMix	MDV	0.10	0.00
tbIFleetMix	MDV	0.10	0.10
tbIFleetMix	MDV	0.10	0.00
tbIFleetMix	MDV	0.10	0.00
tbIFleetMix	MDV	0.10	0.10
tbIFleetMix	MDV	0.10	0.00
tbIFleetMix	MDV	0.10	0.10
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	0.00

tbIFleetMix	MH	5.0700e-004	5.1200e-004
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	5.1200e-004
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	5.1200e-004
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.02
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.02
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.02
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	1.3890e-003
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	1.3890e-003
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	1.3890e-003
tbIFleetMix	SBUS	7.0100e-004	0.00
tbIFleetMix	SBUS	7.0100e-004	0.00
tbIFleetMix	SBUS	7.0100e-004	0.00
tbIFleetMix	SBUS	7.0100e-004	7.1900e-004
tbIFleetMix	SBUS	7.0100e-004	0.00
tbIFleetMix	SBUS	7.0100e-004	0.00

tblFleetMix	SBUS	7.0100e-004	7.1900e-004
tblFleetMix	SBUS	7.0100e-004	0.00
tblFleetMix	SBUS	7.0100e-004	7.1900e-004
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	1.2680e-003
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	1.2680e-003
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	1.2680e-003
tblLandUse	LandUseSquareFeet	15,612,700.00	15,612,680.00
tblLandUse	LotAcreage	7.92	799.20
tblLandUse	LotAcreage	63.13	799.20
tblLandUse	LotAcreage	57.97	799.20
tblLandUse	LotAcreage	104.49	799.20
tblLandUse	LotAcreage	358.42	797.76
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	1001.57	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleEF	HHD	0.83	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.11	8.88
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.64	2.2740e-003
tblVehicleEF	HHD	6,274.34	1,131.00
tblVehicleEF	HHD	1,396.15	957.24
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	17.41	7.10
tblVehicleEF	HHD	1.08	1.93
tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	1.7080e-003	2.5610e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.6340e-003	2.4500e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003

tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	6.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.0270e-003	3.0000e-005
tblVehicleEF	HHD	0.56	0.60
tblVehicleEF	HHD	3.9000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.3800e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.6000e-005	0.00
tblVehicleEF	HHD	6.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.0270e-003	3.0000e-005
tblVehicleEF	HHD	0.65	0.68
tblVehicleEF	HHD	3.9000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.3800e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.78	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.53	8.76
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.53	2.1260e-003
tblVehicleEF	HHD	6,647.11	1,116.18
tblVehicleEF	HHD	1,396.15	957.25
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	17.97	6.75
tblVehicleEF	HHD	1.02	1.82

tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	1.4400e-003	2.2760e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.3780e-003	2.1770e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003
tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	2.2440e-003	3.3000e-005
tblVehicleEF	HHD	0.53	0.63
tblVehicleEF	HHD	8.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.3900e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.4000e-005	0.00
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	2.2440e-003	3.3000e-005
tblVehicleEF	HHD	0.61	0.72
tblVehicleEF	HHD	8.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.3900e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.91	9.03
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.61	2.2370e-003
tblVehicleEF	HHD	5,759.57	1,151.45
tblVehicleEF	HHD	1,396.15	957.24
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	16.63	7.59
tblVehicleEF	HHD	1.07	1.90
tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	2.0790e-003	2.9560e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.9890e-003	2.8280e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003
tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	5.7000e-005	1.0000e-006
tblVehicleEF	HHD	2.1340e-003	3.1000e-005
tblVehicleEF	HHD	0.61	0.55
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.5100e-004	1.6100e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.5000e-005	0.00

tblVehicleEF	HHD	5.7000e-005	1.0000e-006
tblVehicleEF	HHD	2.1340e-003	3.1000e-005
tblVehicleEF	HHD	0.70	0.63
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.5100e-004	1.6100e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	LDA	1.2210e-003	5.8400e-004
tblVehicleEF	LDA	4.7700e-004	0.02
tblVehicleEF	LDA	0.24	0.36
tblVehicleEF	LDA	0.30	1.26
tblVehicleEF	LDA	162.22	182.70
tblVehicleEF	LDA	34.63	35.74
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.01	0.11
tblVehicleEF	LDA	5.5000e-004	4.7100e-004
tblVehicleEF	LDA	7.9200e-004	6.0900e-004
tblVehicleEF	LDA	5.0600e-004	4.3300e-004
tblVehicleEF	LDA	7.2800e-004	5.6000e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	9.2080e-003	0.01
tblVehicleEF	LDA	3.0650e-003	1.6070e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	6.4280e-003	0.06
tblVehicleEF	LDA	1.6220e-003	1.8070e-003
tblVehicleEF	LDA	3.5000e-004	3.5400e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	9.2080e-003	0.01

tblVehicleEF	LDA	4.4570e-003	2.3290e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	7.0380e-003	0.06
tblVehicleEF	LDA	1.3920e-003	6.7400e-004
tblVehicleEF	LDA	3.9800e-004	0.01
tblVehicleEF	LDA	0.30	0.45
tblVehicleEF	LDA	0.25	1.07
tblVehicleEF	LDA	177.52	199.49
tblVehicleEF	LDA	34.63	35.40
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	9.5520e-003	0.10
tblVehicleEF	LDA	5.5000e-004	4.7100e-004
tblVehicleEF	LDA	7.9200e-004	6.0900e-004
tblVehicleEF	LDA	5.0600e-004	4.3300e-004
tblVehicleEF	LDA	7.2800e-004	5.6000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	3.4880e-003	1.8230e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	5.3660e-003	0.05
tblVehicleEF	LDA	1.7760e-003	1.9730e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.0740e-003	2.6450e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	5.8750e-003	0.05
tblVehicleEF	LDA	1.1890e-003	5.7000e-004
tblVehicleEF	LDA	4.7500e-004	0.02

tblVehicleEF	LDA	0.23	0.34
tblVehicleEF	LDA	0.29	1.24
tblVehicleEF	LDA	158.60	178.76
tblVehicleEF	LDA	34.63	35.71
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.01	0.11
tblVehicleEF	LDA	5.5000e-004	4.7100e-004
tblVehicleEF	LDA	7.9200e-004	6.0900e-004
tblVehicleEF	LDA	5.0600e-004	4.3300e-004
tblVehicleEF	LDA	7.2800e-004	5.6000e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	8.5160e-003	0.01
tblVehicleEF	LDA	2.9850e-003	1.5670e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	6.4050e-003	0.06
tblVehicleEF	LDA	1.5860e-003	1.7680e-003
tblVehicleEF	LDA	3.5000e-004	3.5300e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	8.5160e-003	0.01
tblVehicleEF	LDA	4.3410e-003	2.2700e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	7.0130e-003	0.06
tblVehicleEF	LDT1	1.6300e-003	6.2400e-004
tblVehicleEF	LDT1	6.5800e-004	0.02
tblVehicleEF	LDT1	0.31	0.38
tblVehicleEF	LDT1	0.38	1.33
tblVehicleEF	LDT1	204.30	214.32
tblVehicleEF	LDT1	44.26	42.86

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004
tblVehicleEF	LDT1	6.2200e-004	4.6000e-004
tblVehicleEF	LDT1	9.1100e-004	6.1500e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	4.0420e-003	1.7040e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	8.8770e-003	0.06
tblVehicleEF	LDT1	2.0440e-003	2.1210e-003
tblVehicleEF	LDT1	4.4800e-004	4.2400e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	5.8960e-003	2.4850e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	9.7190e-003	0.07
tblVehicleEF	LDT1	1.8530e-003	7.1900e-004
tblVehicleEF	LDT1	5.5000e-004	0.02
tblVehicleEF	LDT1	0.38	0.46
tblVehicleEF	LDT1	0.31	1.12
tblVehicleEF	LDT1	223.10	231.16
tblVehicleEF	LDT1	44.26	42.50
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.11
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004

tblVehicleEF	LDT1	6.2200e-004	4.6000e-004
tblVehicleEF	LDT1	9.1100e-004	6.1500e-004
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	4.5930e-003	1.9360e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	7.4160e-003	0.05
tblVehicleEF	LDT1	2.2330e-003	2.2880e-003
tblVehicleEF	LDT1	4.4700e-004	4.2100e-004
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	6.7000e-003	2.8240e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	8.1200e-003	0.06
tblVehicleEF	LDT1	1.5890e-003	6.0900e-004
tblVehicleEF	LDT1	6.5600e-004	0.02
tblVehicleEF	LDT1	0.29	0.36
tblVehicleEF	LDT1	0.37	1.31
tblVehicleEF	LDT1	199.87	210.33
tblVehicleEF	LDT1	44.26	42.82
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004
tblVehicleEF	LDT1	6.2200e-004	4.6000e-004
tblVehicleEF	LDT1	9.1100e-004	6.1500e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.05

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	3.9390e-003	1.6600e-003
tblVehicleEF	LDT1	0.04	0.20
tblVehicleEF	LDT1	8.8500e-003	0.06
tblVehicleEF	LDT1	2.0000e-003	2.0810e-003
tblVehicleEF	LDT1	4.4800e-004	4.2400e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	5.7450e-003	2.4220e-003
tblVehicleEF	LDT1	0.04	0.20
tblVehicleEF	LDT1	9.6900e-003	0.07
tblVehicleEF	LDT2	1.8520e-003	8.0800e-004
tblVehicleEF	LDT2	9.4600e-004	0.02
tblVehicleEF	LDT2	0.38	0.43
tblVehicleEF	LDT2	0.46	1.70
tblVehicleEF	LDT2	237.56	213.49
tblVehicleEF	LDT2	51.25	42.77
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	6.6300e-004	5.2800e-004
tblVehicleEF	LDT2	9.5100e-004	6.3500e-004
tblVehicleEF	LDT2	6.1000e-004	4.8700e-004
tblVehicleEF	LDT2	8.7400e-004	5.8400e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	4.6110e-003	2.4080e-003
tblVehicleEF	LDT2	0.03	0.16
tblVehicleEF	LDT2	0.01	0.08

tblVehicleEF	LDT2	2.3770e-003	2.1120e-003
tblVehicleEF	LDT2	5.1900e-004	4.2300e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	6.7180e-003	3.4670e-003
tblVehicleEF	LDT2	0.03	0.16
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.1050e-003	9.3000e-004
tblVehicleEF	LDT2	8.5200e-004	0.02
tblVehicleEF	LDT2	0.46	0.53
tblVehicleEF	LDT2	0.42	1.43
tblVehicleEF	LDT2	259.40	228.68
tblVehicleEF	LDT2	51.25	42.29
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	6.6300e-004	5.2800e-004
tblVehicleEF	LDT2	9.5100e-004	6.3500e-004
tblVehicleEF	LDT2	6.1000e-004	4.8700e-004
tblVehicleEF	LDT2	8.7400e-004	5.8400e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	5.2360e-003	2.7170e-003
tblVehicleEF	LDT2	0.03	0.16
tblVehicleEF	LDT2	0.01	0.07
tblVehicleEF	LDT2	2.5970e-003	2.2620e-003
tblVehicleEF	LDT2	5.1800e-004	4.1800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.04	0.05

tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	7.6310e-003	3.9180e-003
tblVehicleEF	LDT2	0.03	0.16
tblVehicleEF	LDT2	0.01	0.08
tblVehicleEF	LDT2	1.8040e-003	7.8800e-004
tblVehicleEF	LDT2	9.4400e-004	0.02
tblVehicleEF	LDT2	0.36	0.41
tblVehicleEF	LDT2	0.46	1.68
tblVehicleEF	LDT2	232.43	209.90
tblVehicleEF	LDT2	51.25	42.73
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	6.6300e-004	5.2800e-004
tblVehicleEF	LDT2	9.5100e-004	6.3500e-004
tblVehicleEF	LDT2	6.1000e-004	4.8700e-004
tblVehicleEF	LDT2	8.7400e-004	5.8400e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	4.4930e-003	2.3500e-003
tblVehicleEF	LDT2	0.03	0.19
tblVehicleEF	LDT2	0.01	0.08
tblVehicleEF	LDT2	2.3260e-003	2.0760e-003
tblVehicleEF	LDT2	5.1900e-004	4.2300e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	6.5470e-003	3.3820e-003
tblVehicleEF	LDT2	0.03	0.19
tblVehicleEF	LDT2	0.01	0.09

tblVehicleEF	LHD1	2.3700e-003	3.1740e-003
tblVehicleEF	LHD1	1.4740e-003	1.2820e-003
tblVehicleEF	LHD1	2.4440e-003	4.6000e-003
tblVehicleEF	LHD1	0.12	0.17
tblVehicleEF	LHD1	0.15	0.13
tblVehicleEF	LHD1	0.92	0.71
tblVehicleEF	LHD1	8.77	7.34
tblVehicleEF	LHD1	529.63	507.43
tblVehicleEF	LHD1	20.81	8.07
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.06	0.08
tblVehicleEF	LHD1	0.23	0.17
tblVehicleEF	LHD1	5.9400e-004	1.0370e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	3.7090e-003	3.0240e-003
tblVehicleEF	LHD1	4.3300e-004	1.7200e-004
tblVehicleEF	LHD1	5.6800e-004	9.9200e-004
tblVehicleEF	LHD1	2.6620e-003	2.5100e-003
tblVehicleEF	LHD1	3.5340e-003	2.8720e-003
tblVehicleEF	LHD1	3.9800e-004	1.5800e-004
tblVehicleEF	LHD1	8.8800e-004	1.1440e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.6300e-004	7.2100e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.05	0.14
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	8.6000e-005	7.1000e-005
tblVehicleEF	LHD1	5.1590e-003	4.9370e-003
tblVehicleEF	LHD1	2.2300e-004	8.0000e-005

tblVehicleEF	LHD1	8.8800e-004	1.1440e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.6300e-004	7.2100e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.14
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	2.3700e-003	3.1830e-003
tblVehicleEF	LHD1	1.4850e-003	1.2960e-003
tblVehicleEF	LHD1	2.3260e-003	4.3920e-003
tblVehicleEF	LHD1	0.12	0.17
tblVehicleEF	LHD1	0.15	0.13
tblVehicleEF	LHD1	0.87	0.67
tblVehicleEF	LHD1	8.77	7.34
tblVehicleEF	LHD1	529.63	507.43
tblVehicleEF	LHD1	20.81	8.00
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.22	0.16
tblVehicleEF	LHD1	5.9400e-004	1.0370e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	3.7090e-003	3.0240e-003
tblVehicleEF	LHD1	4.3300e-004	1.7200e-004
tblVehicleEF	LHD1	5.6800e-004	9.9200e-004
tblVehicleEF	LHD1	2.6620e-003	2.5100e-003
tblVehicleEF	LHD1	3.5340e-003	2.8720e-003
tblVehicleEF	LHD1	3.9800e-004	1.5800e-004
tblVehicleEF	LHD1	1.6870e-003	2.1770e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01

tblVehicleEF	LHD1	1.1580e-003	1.4920e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.05	0.14
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	8.6000e-005	7.1000e-005
tblVehicleEF	LHD1	5.1590e-003	4.9370e-003
tblVehicleEF	LHD1	2.2200e-004	7.9000e-005
tblVehicleEF	LHD1	1.6870e-003	2.1770e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.1580e-003	1.4920e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.14
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.3700e-003	3.1760e-003
tblVehicleEF	LHD1	1.4760e-003	1.2840e-003
tblVehicleEF	LHD1	2.4240e-003	4.5650e-003
tblVehicleEF	LHD1	0.12	0.17
tblVehicleEF	LHD1	0.15	0.13
tblVehicleEF	LHD1	0.91	0.71
tblVehicleEF	LHD1	8.77	7.34
tblVehicleEF	LHD1	529.63	507.43
tblVehicleEF	LHD1	20.81	8.05
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.06	0.08
tblVehicleEF	LHD1	0.23	0.16
tblVehicleEF	LHD1	5.9400e-004	1.0370e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	3.7090e-003	3.0240e-003
tblVehicleEF	LHD1	4.3300e-004	1.7200e-004

tblVehicleEF	LHD1	5.6800e-004	9.9200e-004
tblVehicleEF	LHD1	2.6620e-003	2.5100e-003
tblVehicleEF	LHD1	3.5340e-003	2.8720e-003
tblVehicleEF	LHD1	3.9800e-004	1.5800e-004
tblVehicleEF	LHD1	8.1600e-004	1.0590e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.4400e-004	6.9800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.05	0.15
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	8.6000e-005	7.1000e-005
tblVehicleEF	LHD1	5.1590e-003	4.9370e-003
tblVehicleEF	LHD1	2.2300e-004	8.0000e-005
tblVehicleEF	LHD1	8.1600e-004	1.0590e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.4400e-004	6.9800e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.15
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD2	2.0550e-003	1.9790e-003
tblVehicleEF	LHD2	1.8190e-003	2.5960e-003
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tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.80	0.41
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.25
tblVehicleEF	LHD2	0.04	0.05

tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	5.9400e-004	6.6600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6900e-004	4.2000e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2200e-004	5.2000e-005
tblVehicleEF	LHD2	5.9400e-004	6.6600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6900e-004	4.2000e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0550e-003	1.9840e-003
tblVehicleEF	LHD2	1.4530e-003	1.4520e-003
tblVehicleEF	LHD2	1.8170e-003	2.4780e-003

tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.76	0.38
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.21
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	1.1370e-003	1.2660e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.7700e-004	8.6800e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.02	9.9950e-003
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2100e-004	5.2000e-005
tblVehicleEF	LHD2	1.1370e-003	1.2660e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	7.7700e-004	8.6800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0550e-003	1.9800e-003
tblVehicleEF	LHD2	1.8190e-003	2.5760e-003
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tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.79	0.40
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.24
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	5.6000e-004	6.1500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.5700e-004	4.0700e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.02	0.01

tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2200e-004	5.2000e-005
tblVehicleEF	LHD2	5.6000e-004	6.1500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.5700e-004	4.0700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.23	17.23
tblVehicleEF	MCY	10.21	9.09
tblVehicleEF	MCY	172.59	209.98
tblVehicleEF	MCY	40.72	56.78
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	1.42	1.42
tblVehicleEF	MCY	0.71	0.72
tblVehicleEF	MCY	0.74	0.74
tblVehicleEF	MCY	2.08	2.08
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.98	1.76
tblVehicleEF	MCY	2.0700e-003	2.0780e-003
tblVehicleEF	MCY	6.3200e-004	5.6200e-004

tblVehicleEF	MCY	1.42	1.42
tblVehicleEF	MCY	0.71	0.72
tblVehicleEF	MCY	0.74	0.74
tblVehicleEF	MCY	2.61	2.61
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	2.16	1.92
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.39	17.39
tblVehicleEF	MCY	9.03	8.01
tblVehicleEF	MCY	172.59	210.12
tblVehicleEF	MCY	40.72	54.30
tblVehicleEF	MCY	0.96	0.96
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	3.03	3.05
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	1.95	1.97
tblVehicleEF	MCY	2.05	2.05
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.74	1.54
tblVehicleEF	MCY	2.0710e-003	2.0790e-003
tblVehicleEF	MCY	6.0500e-004	5.3700e-004
tblVehicleEF	MCY	3.03	3.05
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	1.95	1.97
tblVehicleEF	MCY	2.58	2.57

tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.89	1.68
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	16.57	16.57
tblVehicleEF	MCY	9.90	8.79
tblVehicleEF	MCY	172.59	208.84
tblVehicleEF	MCY	40.72	56.14
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	1.64	1.65
tblVehicleEF	MCY	0.93	0.94
tblVehicleEF	MCY	0.65	0.66
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	0.40	1.45
tblVehicleEF	MCY	1.94	1.71
tblVehicleEF	MCY	2.0590e-003	2.0670e-003
tblVehicleEF	MCY	6.2600e-004	5.5600e-004
tblVehicleEF	MCY	1.64	1.65
tblVehicleEF	MCY	0.93	0.94
tblVehicleEF	MCY	0.65	0.66
tblVehicleEF	MCY	2.58	2.58
tblVehicleEF	MCY	0.40	1.45
tblVehicleEF	MCY	2.11	1.87
tblVehicleEF	MDV	2.0300e-003	8.0100e-004
tblVehicleEF	MDV	1.1120e-003	0.02

tblVehicleEF	MDV	0.41	0.42
tblVehicleEF	MDV	0.52	1.66
tblVehicleEF	MDV	308.49	257.45
tblVehicleEF	MDV	65.25	50.34
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.02	0.12
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004
tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	5.1430e-003	2.4100e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	3.0820e-003	2.5440e-003
tblVehicleEF	MDV	6.6000e-004	4.9800e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	7.4620e-003	3.4640e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	2.3040e-003	9.2200e-004
tblVehicleEF	MDV	9.9100e-004	0.02
tblVehicleEF	MDV	0.50	0.52
tblVehicleEF	MDV	0.47	1.39
tblVehicleEF	MDV	335.87	272.21
tblVehicleEF	MDV	65.25	49.87

tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004
tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	5.8210e-003	2.7160e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	3.3570e-003	2.6900e-003
tblVehicleEF	MDV	6.5900e-004	4.9300e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	8.4510e-003	3.9120e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.9790e-003	7.8200e-004
tblVehicleEF	MDV	1.1100e-003	0.02
tblVehicleEF	MDV	0.39	0.40
tblVehicleEF	MDV	0.52	1.63
tblVehicleEF	MDV	302.11	253.97
tblVehicleEF	MDV	65.25	50.29
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004

tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	5.0170e-003	2.3530e-003
tblVehicleEF	MDV	0.04	0.19
tblVehicleEF	MDV	0.01	0.08
tblVehicleEF	MDV	3.0180e-003	2.5090e-003
tblVehicleEF	MDV	6.6000e-004	4.9800e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	7.2770e-003	3.3810e-003
tblVehicleEF	MDV	0.04	0.19
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MH	3.0780e-003	1.9990e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.12
tblVehicleEF	MH	3.02	1.12
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.67
tblVehicleEF	MH	0.48	0.71
tblVehicleEF	MH	0.50	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004

tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.7260e-003	0.17
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	1.2500e-004
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.7260e-003	0.17
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MH	3.1500e-003	2.0350e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.13
tblVehicleEF	MH	2.77	1.03
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.51
tblVehicleEF	MH	0.44	0.65
tblVehicleEF	MH	0.48	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004
tblVehicleEF	MH	0.70	0.59
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.7150e-003	0.17
tblVehicleEF	MH	0.17	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0300e-004	1.2400e-004
tblVehicleEF	MH	0.70	0.59
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.7150e-003	0.17
tblVehicleEF	MH	0.19	0.06
tblVehicleEF	MH	3.0850e-003	2.0030e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.12
tblVehicleEF	MH	3.00	1.12
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.66
tblVehicleEF	MH	0.47	0.69
tblVehicleEF	MH	0.50	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004
tblVehicleEF	MH	0.35	0.29
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.17	0.14
tblVehicleEF	MH	0.01	0.02

tblVehicleEF	MH	2.9270e-003	0.18
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	1.2500e-004
tblVehicleEF	MH	0.35	0.29
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.17	0.14
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.9270e-003	0.18
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MHD	0.02	2.9730e-003
tblVehicleEF	MHD	1.5750e-003	4.9600e-004
tblVehicleEF	MHD	0.03	5.8120e-003
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tblVehicleEF	MHD	1,078.59	773.61
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tblVehicleEF	MHD	11.96	1.84
tblVehicleEF	MHD	3.0000e-005	6.3000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
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tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	6.7900e-004	2.9800e-004
tblVehicleEF	MHD	0.02	9.7430e-003

tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.2500e-004	1.8700e-004
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tblVehicleEF	MHD	8.9470e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.4770e-003	4.4400e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1300e-004	5.4000e-005
tblVehicleEF	MHD	6.7900e-004	2.9800e-004
tblVehicleEF	MHD	0.02	9.7430e-003
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.2500e-004	1.8700e-004
tblVehicleEF	MHD	0.03	8.4700e-003
tblVehicleEF	MHD	8.9470e-003	0.05
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	MHD	0.02	2.8360e-003
tblVehicleEF	MHD	1.5840e-003	5.0200e-004
tblVehicleEF	MHD	0.02	5.5560e-003
tblVehicleEF	MHD	0.21	0.28
tblVehicleEF	MHD	0.16	0.08
tblVehicleEF	MHD	2.11	0.41
tblVehicleEF	MHD	162.86	46.34
tblVehicleEF	MHD	1,078.59	773.61
tblVehicleEF	MHD	47.29	5.41
tblVehicleEF	MHD	0.41	0.24
tblVehicleEF	MHD	0.50	0.92
tblVehicleEF	MHD	11.95	1.84
tblVehicleEF	MHD	2.6000e-005	5.6000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
tblVehicleEF	MHD	6.9500e-004	8.5000e-005

tblVehicleEF	MHD	2.5000e-005	5.3000e-005
tblVehicleEF	MHD	2.5110e-003	7.1470e-003
tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	1.2990e-003	5.6800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	8.9000e-004	3.8900e-004
tblVehicleEF	MHD	0.03	7.2680e-003
tblVehicleEF	MHD	8.9680e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.5630e-003	4.4000e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1000e-004	5.4000e-005
tblVehicleEF	MHD	1.2990e-003	5.6800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	8.9000e-004	3.8900e-004
tblVehicleEF	MHD	0.03	8.4970e-003
tblVehicleEF	MHD	8.9680e-003	0.05
tblVehicleEF	MHD	0.16	0.03
tblVehicleEF	MHD	0.02	3.1790e-003
tblVehicleEF	MHD	1.5760e-003	4.9600e-004
tblVehicleEF	MHD	0.03	5.7400e-003
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.16	0.08
tblVehicleEF	MHD	2.22	0.43
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tblVehicleEF	MHD	0.52	0.96
tblVehicleEF	MHD	11.96	1.84
tblVehicleEF	MHD	3.7000e-005	7.2000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
tblVehicleEF	MHD	6.9500e-004	8.5000e-005
tblVehicleEF	MHD	3.5000e-005	6.9000e-005
tblVehicleEF	MHD	2.5110e-003	7.1470e-003
tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	6.3300e-004	2.7700e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.1100e-004	1.8000e-004
tblVehicleEF	MHD	0.03	7.2520e-003
tblVehicleEF	MHD	9.7910e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.3580e-003	4.5000e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1200e-004	5.4000e-005
tblVehicleEF	MHD	6.3300e-004	2.7700e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.1100e-004	1.8000e-004
tblVehicleEF	MHD	0.03	8.4730e-003
tblVehicleEF	MHD	9.7910e-003	0.05
tblVehicleEF	MHD	0.17	0.03
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tblVehicleEF	OBUS	2.8630e-003	1.1380e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.18	0.13

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tblVehicleEF	OBUS	63.70	61.60
tblVehicleEF	OBUS	1,099.49	1,126.05
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tblVehicleEF	OBUS	0.31	0.92
tblVehicleEF	OBUS	1.58	0.83
tblVehicleEF	OBUS	1.1000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0010e-003	6.6340e-003
tblVehicleEF	OBUS	1.0960e-003	2.3300e-004
tblVehicleEF	OBUS	1.1000e-005	9.1000e-005
tblVehicleEF	OBUS	1.8890e-003	6.3250e-003
tblVehicleEF	OBUS	1.0080e-003	2.1400e-004
tblVehicleEF	OBUS	1.7850e-003	1.8400e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
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tblVehicleEF	OBUS	0.25	0.08
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tblVehicleEF	OBUS	7.4200e-004	1.4700e-004
tblVehicleEF	OBUS	1.7850e-003	1.8400e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.4700e-004	8.8800e-004
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.27	0.09

tblVehicleEF	OBUS	0.01	9.1370e-003
tblVehicleEF	OBUS	2.9230e-003	1.1660e-003
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tblVehicleEF	OBUS	0.24	0.54
tblVehicleEF	OBUS	0.18	0.13
tblVehicleEF	OBUS	3.41	1.20
tblVehicleEF	OBUS	66.50	60.92
tblVehicleEF	OBUS	1,099.49	1,126.06
tblVehicleEF	OBUS	67.73	14.69
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tblVehicleEF	OBUS	1.0960e-003	2.3300e-004
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tblVehicleEF	OBUS	1.8890e-003	6.3250e-003
tblVehicleEF	OBUS	1.0080e-003	2.1400e-004
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tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.8280e-003	1.8700e-003
tblVehicleEF	OBUS	0.02	8.3270e-003
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tblVehicleEF	OBUS	0.04	0.07
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tblVehicleEF	OBUS	0.03	0.05
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tblVehicleEF	OBUS	0.02	8.2510e-003
tblVehicleEF	OBUS	0.05	0.22
tblVehicleEF	OBUS	0.25	0.08

tblVehicleEF	OBUS	5.8300e-004	5.9600e-004
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tblVehicleEF	OBUS	7.4200e-004	1.4700e-004
tblVehicleEF	OBUS	1.7080e-003	1.7150e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	8.2900e-004	8.6700e-004
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tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.4940e-003	1.1460e-003
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tblVehicleEF	SBUS	7.49	3.27
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tblVehicleEF	SBUS	1,041.59	264.71
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tblVehicleEF	SBUS	51.04	4.32
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tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
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tblVehicleEF	SBUS	1.0540e-003	7.9000e-005

tblVehicleEF	SBUS	4.8020e-003	1.5390e-003
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tblVehicleEF	SBUS	0.04	9.8310e-003
tblVehicleEF	SBUS	0.02	0.07
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tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.5520e-003	1.1750e-003
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tblVehicleEF	SBUS	2.33	1.15
tblVehicleEF	SBUS	0.84	1.19
tblVehicleEF	SBUS	12.23	1.94
tblVehicleEF	SBUS	1.4100e-004	2.6300e-004

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.3500e-004	2.5200e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005
tblVehicleEF	SBUS	9.1300e-003	2.9130e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	4.8940e-003	1.5610e-003
tblVehicleEF	SBUS	0.04	9.9490e-003
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.01	2.4990e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	5.7400e-004	3.9000e-005
tblVehicleEF	SBUS	9.1300e-003	2.9130e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.32	0.48
tblVehicleEF	SBUS	4.8940e-003	1.5610e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.26	0.03
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.4960e-003	1.1470e-003
tblVehicleEF	SBUS	0.05	6.0700e-003
tblVehicleEF	SBUS	7.54	3.28
tblVehicleEF	SBUS	0.27	0.15
tblVehicleEF	SBUS	5.35	0.68

tblVehicleEF	SBUS	976.79	268.93
tblVehicleEF	SBUS	1,009.44	797.71
tblVehicleEF	SBUS	51.04	4.33
tblVehicleEF	SBUS	2.16	1.30
tblVehicleEF	SBUS	0.88	1.25
tblVehicleEF	SBUS	12.25	1.95
tblVehicleEF	SBUS	2.0400e-004	3.4200e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.9500e-004	3.2700e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005
tblVehicleEF	SBUS	4.5130e-003	1.4240e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	2.2490e-003	7.2700e-004
tblVehicleEF	SBUS	0.04	9.8350e-003
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	9.5830e-003	2.5680e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	6.0300e-004	4.3000e-005
tblVehicleEF	SBUS	4.5130e-003	1.4240e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.32	0.47
tblVehicleEF	SBUS	2.2490e-003	7.2700e-004
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.02	0.08

tblVehicleEF	SBUS	0.33	0.04
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	3.89	32.93
tblVehicleEF	UBUS	7.80	1.43
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	14.28
tblVehicleEF	UBUS	0.44	0.41
tblVehicleEF	UBUS	11.66	0.28
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	4.8450e-003	1.5660e-003
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.0640e-003	9.3600e-004
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.75	0.07
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.6140e-003	1.4100e-004
tblVehicleEF	UBUS	4.8450e-003	1.5660e-003
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.0640e-003	9.3600e-004
tblVehicleEF	UBUS	0.81	4.32
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.82	0.08
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	3.90	32.93
tblVehicleEF	UBUS	6.46	1.18
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	13.85
tblVehicleEF	UBUS	0.40	0.40
tblVehicleEF	UBUS	11.59	0.26
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	8.9640e-003	2.9660e-003
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.6200e-003	2.0890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.67	0.06
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.5910e-003	1.3700e-004
tblVehicleEF	UBUS	8.9640e-003	2.9660e-003
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.6200e-003	2.0890e-003
tblVehicleEF	UBUS	0.82	4.32
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.74	0.07
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	3.89	32.93
tblVehicleEF	UBUS	7.58	1.40
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	14.22
tblVehicleEF	UBUS	0.43	0.41
tblVehicleEF	UBUS	11.65	0.27
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	4.5770e-003	1.5720e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	2.9830e-003	9.1600e-004
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.08
tblVehicleEF	UBUS	0.74	0.07
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.6110e-003	1.4100e-004
tblVehicleEF	UBUS	4.5770e-003	1.5720e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	2.9830e-003	9.1600e-004
tblVehicleEF	UBUS	0.81	4.32
tblVehicleEF	UBUS	0.02	0.08

tblVehicleEF	UBUS	0.81	0.07
tblVehicleTrips	ST_TR	204.47	76.44
tblVehicleTrips	ST_TR	696.00	173.15
tblVehicleTrips	ST_TR	1.50	1.84
tblVehicleTrips	ST_TR	1.32	5.12
tblVehicleTrips	ST_TR	2.46	9.74
tblVehicleTrips	ST_TR	158.37	56.08
tblVehicleTrips	ST_TR	1.49	3.93
tblVehicleTrips	ST_TR	49.97	25.54
tblVehicleTrips	ST_TR	1.68	1.73
tblVehicleTrips	SU_TR	166.88	76.44
tblVehicleTrips	SU_TR	500.00	173.15
tblVehicleTrips	SU_TR	1.50	1.84
tblVehicleTrips	SU_TR	0.68	5.12
tblVehicleTrips	SU_TR	1.05	9.74
tblVehicleTrips	SU_TR	131.84	56.08
tblVehicleTrips	SU_TR	0.62	3.93
tblVehicleTrips	SU_TR	25.24	25.54
tblVehicleTrips	SU_TR	1.68	1.73
tblVehicleTrips	WD_TR	542.60	76.44
tblVehicleTrips	WD_TR	716.00	173.15
tblVehicleTrips	WD_TR	1.50	1.84
tblVehicleTrips	WD_TR	6.97	5.12
tblVehicleTrips	WD_TR	11.03	9.74
tblVehicleTrips	WD_TR	127.15	56.08
tblVehicleTrips	WD_TR	3.82	3.93
tblVehicleTrips	WD_TR	42.70	25.54
tblVehicleTrips	WD_TR	1.68	1.73

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					
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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

	ROG	NOx	CO	SO2	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					
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	112.9477	2.1200e-003	0.2363	2.0000e-005		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	0.4624	0.4624	1.1900e-003	0.0000	0.4922
Energy	1.9355	17.5955	14.7803	0.1056		1.3373	1.3373		1.3373	1.3373	0.0000	19,154.8893	19,154.8893	0.3671	0.3512	19,268.7173
Mobile	12.1488	53.3079	156.6281	0.5709	74.8700	0.4654	75.3354	20.0116	0.4410	20.4526	0.0000	53,602.9834	53,602.9834	2.2046	0.0000	53,658.0984
Waste						0.0000	0.0000		0.0000	0.0000	5,583.4288	0.0000	5,583.4288	329.9712	0.0000	13,832.7086
Water						0.0000	0.0000		0.0000	0.0000	1,889.0791	0.0000	1,889.0791	194.0265	4.5814	8,104.9959
Total	127.0320	70.9056	171.6447	0.6765	74.8700	1.8035	76.6735	20.0116	1.7791	21.7907	7,472.5079	72,758.3351	80,230.8430	526.5707	4.9326	94,865.0124

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	106.9576	2.1200e-003	0.2363	2.0000e-005		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	0.4624	0.4624	1.1900e-003	0.0000	0.4922
Energy	1.6357	14.8700	12.4908	0.0892		1.1301	1.1301		1.1301	1.1301	0.0000	16,187.7715	16,187.7715	0.3103	0.2968	16,283.9674
Mobile	12.1488	53.3079	156.6281	0.5709	74.8700	0.4654	75.3354	20.0116	0.4410	20.4526	0.0000	53,602.9834	53,602.9834	2.2046	0.0000	53,658.0984
Waste						0.0000	0.0000		0.0000	0.0000	1,395.8572	0.0000	1,395.8572	82.4928	0.0000	3,458.1772
Water						0.0000	0.0000		0.0000	0.0000	1,511.2633	0.0000	1,511.2633	155.2212	3.6651	6,483.9967
Total	120.7421	68.1800	169.3552	0.6601	74.8700	1.5964	76.4664	20.0116	1.5720	21.5836	2,907.1205	69,791.2173	72,698.3378	240.2301	3.9619	79,884.7318

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	4.95	3.84	1.33	2.42	0.00	11.49	0.27	0.00	11.64	0.95	61.10	4.08	9.39	54.38	19.68	15.79

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/31/2045	12/31/2045	5	0	
2	Site Preparation	Site Preparation	12/31/2045	12/31/2045	5	0	
3	Grading	Grading	12/31/2045	12/31/2045	5	0	
4	Building Construction	Building Construction	12/31/2045	12/31/2045	5	0	
5	Paving	Paving	12/31/2045	12/31/2045	5	0	
6	Architectural Coating	Architectural Coating	12/31/2045	12/31/2045	5	0	

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: 38,770,668; Non-Residential Outdoor: 12,923,556; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40

Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	8.00	132	0.36
Paving	Rollers	0	8.00	80	0.38
Architectural Coating	Air Compressors	0	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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	10,818.00	4,236.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	2,164.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2045

Unmitigated Construction On-Site

ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Mitigated Construction Off-Site

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

3.3 Site Preparation - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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 Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Mitigated Construction Off-Site

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

3.5 Building Construction - 2045

Unmitigated Construction On-Site

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
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Mitigated Construction Off-Site

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

3.6 Paving - 2045

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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 Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	12.1488	53.3079	156.6281	0.5709	74.8700	0.4654	75.3354	20.0116	0.4410	20.4526	0.0000	53,602.98 34	53,602.983 4	2.2046	0.0000	53,658.09 84
Unmitigated	12.1488	53.3079	156.6281	0.5709	74.8700	0.4654	75.3354	20.0116	0.4410	20.4526	0.0000	53,602.98 34	53,602.983 4	2.2046	0.0000	53,658.09 84

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Convenience Market With Gas Pumps	2,751.84	2,751.84	2751.84	1,476,099	1,476,099
Fast Food Restaurant w/o Drive Thru	1,125.48	1,125.48	1125.48	1,814,905	1,814,905
General Heavy Industry	5,060.00	5,060.00	5060.00	14,772,726	14,772,726
General Light Industry	12,928.41	12,928.41	12928.41	37,744,636	37,744,636
General Office Building	3,360.30	3,360.30	3360.30	8,030,286	8,030,286
High Turnover (Sit Down Restaurant)	1,009.44	1,009.44	1009.44	1,171,217	1,171,217
Manufacturing	17,888.46	17,888.46	17888.46	52,225,547	52,225,547
Regional Shopping Center	842.82	842.82	842.82	1,477,720	1,477,720
Unrefrigerated Warehouse-No Rail	27,009.94	27,009.94	27009.94	78,855,810	78,855,810
Total	71,976.68	71,976.68	71,976.68	197,568,947	197,568,947

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Convenience Market With Gas	9.50	7.30	7.30	0.80	80.20	19.00	14	21	65
Fast Food Restaurant w/o Drive	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43

NaturalGas Mitigated	1.6357	14.8700	12.4908	0.0892		1.1301	1.1301		1.1301	1.1301	0.0000	16,187.7715	16,187.7715	0.3103	0.2968	16,283.9674
NaturalGas Unmitigated	1.9355	17.5955	14.7803	0.1056		1.3373	1.3373		1.3373	1.3373	0.0000	19,154.8893	19,154.8893	0.3671	0.3512	19,268.7173

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					
Convenience Market With Gas	11282.7	6.0000e-005	5.5000e-004	4.6000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6021	0.6021	1.0000e-005	1.0000e-005	0.6057
Fast Food Restaurant w/o Drive Thru	1.77736e+006	9.5800e-003	0.0871	0.0732	5.2000e-004		6.6200e-003	6.6200e-003		6.6200e-003	6.6200e-003	0.0000	94.8467	94.8467	1.8200e-003	1.7400e-003	95.4103
General Heavy Industry	8.93475e+007	0.4818	4.3798	3.6790	0.0263		0.3329	0.3329		0.3329	0.3329	0.0000	4,767.9229	4,767.9229	0.0914	0.0874	4,796.2562
General Light Industry	8.20398e+007	0.4424	4.0216	3.3781	0.0241		0.3056	0.3056		0.3056	0.3056	0.0000	4,377.9588	4,377.9588	0.0839	0.0803	4,403.9748
General Office Building	1.19715e+006	6.4600e-003	0.0587	0.0493	3.5000e-004		4.4600e-003	4.4600e-003		4.4600e-003	4.4600e-003	0.0000	63.8845	63.8845	1.2200e-003	1.1700e-003	64.2641
High Turnover (Sit Down Restaurant)	4.92192e+006	0.0265	0.2413	0.2027	1.4500e-003		0.0183	0.0183		0.0183	0.0183	0.0000	262.6524	262.6524	5.0300e-003	4.8200e-003	264.2132
Manufacturing	1.47887e+008	0.7974	7.2494	6.0895	0.0435		0.5510	0.5510		0.5510	0.5510	0.0000	7,891.8139	7,891.8139	0.1513	0.1447	7,938.7110
Regional Shopping Center	73260	4.0000e-004	3.5900e-003	3.0200e-003	2.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004	0.0000	3.9094	3.9094	7.0000e-005	7.0000e-005	3.9327
Unrefrigerated Warehouse-No Drive Thru	3.16937e+007	0.1709	1.5536	1.3050	9.3200e-003		0.1181	0.1181		0.1181	0.1181	0.0000	1,691.2987	1,691.2987	0.0324	0.0310	1,701.3492
Total		1.9355	17.5955	14.7803	0.1056		1.3373	1.3373		1.3373	1.3373	0.0000	19,154.8893	19,154.8893	0.3671	0.3512	19,268.7173

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
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Land Use	kBTU/yr	tons/yr									MT/yr				
Convenience Market With Gas	8355.3	5.0000e-005	4.1000e-004	3.4000e-004	0.0000	3.0000e-005	3.0000e-005	3.0000e-005	3.0000e-005	0.0000	0.4459	0.4459	1.0000e-005	1.0000e-005	0.4485
Fast Food Restaurant w/o Drive Thru	1.6259e+006	8.7700e-003	0.0797	0.0670	4.8000e-004	6.0600e-003	6.0600e-003	6.0600e-003	6.0600e-003	0.0000	86.7644	86.7644	1.6600e-003	1.5900e-003	87.2800
General Heavy Industry	7.66755e+007	0.4135	3.7586	3.1572	0.0226	0.2857	0.2857	0.2857	0.2857	0.0000	4,091.6967	4,091.6967	0.0784	0.0750	4,116.0116
General Light Industry	7.04043e+007	0.3796	3.4512	2.8990	0.0207	0.2623	0.2623	0.2623	0.2623	0.0000	3,757.0405	3,757.0405	0.0720	0.0689	3,779.3667
General Office Building	838005	4.5200e-003	0.0411	0.0345	2.5000e-004	3.1200e-003	3.1200e-003	3.1200e-003	3.1200e-003	0.0000	44.7191	44.7191	8.6000e-004	8.2000e-004	44.9849
High Turnover (Sit Down Restaurant)	4.5025e+006	0.0243	0.2207	0.1854	1.3200e-003	0.0168	0.0168	0.0168	0.0168	0.0000	240.2707	240.2707	4.6100e-003	4.4000e-003	241.6985
Manufacturing	1.26912e+008	0.6843	6.2212	5.2258	0.0373	0.4728	0.4728	0.4728	0.4728	0.0000	6,772.5317	6,772.5317	0.1298	0.1242	6,812.7775
Regional Shopping Center	54252	2.9000e-004	2.6600e-003	2.2300e-003	2.0000e-005	2.0000e-004	2.0000e-004	2.0000e-004	2.0000e-004	0.0000	2.8951	2.8951	6.0000e-005	5.0000e-005	2.9123
Unrefrigerated Warehouse-No Drive Thru	2.23261e+007	0.1204	1.0944	0.9193	6.5700e-003	0.0832	0.0832	0.0832	0.0832	0.0000	1,191.4075	1,191.4075	0.0228	0.0218	1,198.4874
Total		1.6357	14.8700	12.4908	0.0892	1.1301	1.1301	1.1301	1.1301	0.0000	16,187.7715	16,187.7715	0.3103	0.2968	16,283.9674

5.3 Energy by Land Use - Electricity

Unmitigated

Land Use	Electricity Use	Total CO2	CH4	N2O	CO2e
	kWh/yr	MT/yr			
Convenience Market With Gas	64189.4	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	308620	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	2.79125e+007	0.0000	0.0000	0.0000	0.0000
General Light Industry	2.56296e+007	0.0000	0.0000	0.0000	0.0000
General Office Building	3.2844e+006	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	854640	0.0000	0.0000	0.0000	0.0000

Manufacturing	4.62005e+007	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	416790	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	3.68459e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Convenience Market With Gas	57206.4	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	284479	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	2.60975e+007	0.0000	0.0000	0.0000	0.0000
General Light Industry	2.3963e+007	0.0000	0.0000	0.0000	0.0000
General Office Building	2.96666e+006	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	787788	0.0000	0.0000	0.0000	0.0000
Manufacturing	4.31963e+007	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	371448	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	3.51129e+007	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

Use Low VOC Paint - Residential Interior
 Use Low VOC Paint - Residential Exterior
 Use Low VOC Paint - Non-Residential Interior
 Use Low VOC Paint - Non-Residential Exterior
 No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	106.9576	2.1200e-003	0.2363	2.0000e-005		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	0.4624	0.4624	1.1900e-003	0.0000	0.4922
Unmitigated	112.9477	2.1200e-003	0.2363	2.0000e-005		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	0.4624	0.4624	1.1900e-003	0.0000	0.4922

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	11.9802					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	100.9459					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0216	2.1200e-003	0.2363	2.0000e-005		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	0.4624	0.4624	1.1900e-003	0.0000	0.4922
Total	112.9477	2.1200e-003	0.2363	2.0000e-005		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	0.4624	0.4624	1.1900e-003	0.0000	0.4922

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	5.9901						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	100.9459						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	0.0216	2.1200e-003	0.2363	2.0000e-005			8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	0.4624	0.4624	1.1900e-003	0.0000	0.4922
Total	106.9576	2.1200e-003	0.2363	2.0000e-005			8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	0.4624	0.4624	1.1900e-003	0.0000	0.4922

7.0 Water Detail

7.1 Mitigation Measures Water

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1,511.2633	155.2212	3.6651	6,483.9967
Unmitigated	1,889.0791	194.0265	4.5814	8,104.9959

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Convenience Market With Gas	0.376458 / 0.230733	0.1194	0.0123	2.9000e-004	0.5124
Fast Food Restaurant w/o	1.97297 / 0.125934	0.6259	0.0643	1.5200e-003	2.6855
General Heavy Industry	635.938 / 0	201.7536	20.7220	0.4893	865.6135
General Light Industry	583.925 / 0	185.2524	19.0272	0.4493	794.8158
General Office Building	61.3181 / 37.5821	19.4534	1.9981	0.0472	83.4639
High Turnover (Sit Down Restaurant)	5.46361 / 0.348741	1.7334	0.1780	4.2000e-003	7.4369
Manufacturing	1052.6 / 0	333.9404	34.2989	0.8099	1,432.7540
Regional Shopping Center	2.44439 / 1.49818	0.7755	0.0797	1.8800e-003	3.3272
Unrefrigerated Warehouse-No	3610.44 / 0	1,145.4251	117.6461	2.7779	4,914.3868
Total		1,889.0791	194.0265	4.5814	8,104.9959

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Convenience Market With Gas	0.301167 / 0.216658	0.0956	9.8100e-003	2.3000e-004	0.4099
Fast Food Restaurant w/o Drive Thru	1.57838 / 0.118252	0.5008	0.0514	1.2100e-003	2.1484
General Heavy Industry	508.75 / 0	161.4029	16.5776	0.3914	692.4908
General Light Industry	467.14 / 0	148.2019	15.2218	0.3594	635.8526
General Office Building	49.0545 / 35.2896	15.5627	1.5984	0.0377	66.7711
High Turnover (Sit Down Restaurant)	4.37089 / 0.327468	1.3867	0.1424	3.3600e-003	5.9495
Manufacturing	842.077 / 0	267.1523	27.4391	0.6479	1,146.2032
Regional Shopping Center	1.95551 / 1.40679	0.6204	0.0637	1.5000e-003	2.6618
Unrefrigerated Warehouse-No Pallet	2888.35 / 0	916.3400	94.1169	2.2223	3,931.5094
Total		1,511.2633	155.2212	3.6651	6,483.9967

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,395.8572	82.4928	0.0000	3,458.1772
Unmitigated	5,583.4288	329.9712	0.0000	13,832.7086

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant w/o Drive-Thru	74.87	15.1979	0.8982	0.0000	37.6522
General Heavy Industry	3410	692.1992	40.9078	0.0000	1,714.8942
General Light Industry	3131.1	635.5850	37.5620	0.0000	1,574.6349
General Office Building	320.85	65.1297	3.8491	0.0000	161.3560
High Turnover (Sit Down Restaurant)	214.2	43.4807	2.5696	0.0000	107.7215
Manufacturing	5644.19	1,145.7196	67.7101	0.0000	2,838.4717
Regional Shopping Center	34.65	7.0336	0.4157	0.0000	17.4255
Unrefrigerated Warehouse-No Drive-Thru	14675.9	2,979.0832	176.0588	0.0000	7,380.5525
Total		5,583.4288	329.9712	0.0000	13,832.7086

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant w/o Drive-Thru	18.7175	3.7995	0.2245	0.0000	9.4131
General Heavy Industry	852.5	173.0498	10.2270	0.0000	428.7235
General Light Industry	782.775	158.8963	9.3905	0.0000	393.6587

General Office Building	80.2125	16.2824	0.9623	0.0000	40.3390
High Turnover (Sit Down Restaurant)	53.55	10.8702	0.6424	0.0000	26.9304
Manufacturing	1411.05	286.4299	16.9275	0.0000	709.6179
Regional Shopping Center	8.6625	1.7584	0.1039	0.0000	4.3564
Unrefrigerated Warehouse-No	3668.99	744.7708	44.0147	0.0000	1,845.138 1
Total		1,395.8572	82.4928	0.0000	3,458.177 2

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan EIR - Unmitigated Operational - San Bernardino-Mojave Desert County, Summer

SCLA Specific Plan EIR - Unmitigated Operational
San Bernardino-Mojave Desert County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	345.00	1000sqft	799.20	345,000.00	0
General Heavy Industry	2,750.00	1000sqft	799.20	2,750,000.00	0
General Light Industry	2,525.08	1000sqft	799.20	2,525,080.00	0
Manufacturing	4,551.77	1000sqft	799.20	4,551,770.00	0
Unrefrigerated Warehouse-No Rail	15,612.68	1000sqft	797.76	15,612,680.00	0
Fast Food Restaurant w/o Drive Thru	6.50	1000sqft	0.15	6,500.00	0
High Turnover (Sit Down Restaurant)	18.00	1000sqft	0.41	18,000.00	0
Convenience Market With Gas Pumps	36.00	Pump	0.12	5,082.30	0
Regional Shopping Center	33.00	1000sqft	0.76	33,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2050
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Statewide Average with 100% reduction due to goals & regulation in SB 100 (2045 - 100% renewable energy).

Land Use - Based off the Land Use Intensities in the Michael Baker International, Southern California Logistics Airport Specific Plan Traffic Impact Analysis, April 23, 2020, and information from the Applicant
 Construction Phase - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Grading - Operational Run Only.

Architectural Coating - MDAQMD Rule 1113

Vehicle Trips - Per the traffic study the project would have 71,971 ADT.

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Area Coating - MDAQMD Rule 1113

Energy Use -

Mobile Land Use Mitigation -

Area Mitigation - MDAQMD Rule 1113

Energy Mitigation - 2019 Title 24 Requirements are 30% more efficient than model 2016 Title 24 standards.

Water Mitigation - 2019 Title 24 & CalGreen.

Waste Mitigation - AB 341 post 2020 requirement.

Fleet Mix - According to the TIA and communication with the traffic engineer, only the manufacturing, warehousing, and light industrial uses would have truck trips that 100% LPA (percentage) was assumed

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tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	2.2440e-003	3.3000e-005
tblVehicleEF	HHD	0.61	0.72
tblVehicleEF	HHD	8.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.3900e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.91	9.03
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.61	2.2370e-003
tblVehicleEF	HHD	5,759.57	1,151.45
tblVehicleEF	HHD	1,396.15	957.24
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	16.63	7.59
tblVehicleEF	HHD	1.07	1.90
tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	2.0790e-003	2.9560e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.9890e-003	2.8280e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003
tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	5.7000e-005	1.0000e-006
tblVehicleEF	HHD	2.1340e-003	3.1000e-005
tblVehicleEF	HHD	0.61	0.55
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.5100e-004	1.6100e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.5000e-005	0.00

tbIVehicleEF	HHD	5.7000e-005	1.0000e-006
tbIVehicleEF	HHD	2.1340e-003	3.1000e-005
tbIVehicleEF	HHD	0.70	0.63
tbIVehicleEF	HHD	3.7000e-005	1.0000e-006
tbIVehicleEF	HHD	0.10	0.05
tbIVehicleEF	HHD	1.5100e-004	1.6100e-004
tbIVehicleEF	HHD	0.03	0.00
tbIVehicleEF	LDA	1.2210e-003	5.8400e-004
tbIVehicleEF	LDA	4.7700e-004	0.02
tbIVehicleEF	LDA	0.24	0.36
tbIVehicleEF	LDA	0.30	1.26
tbIVehicleEF	LDA	162.22	182.70
tbIVehicleEF	LDA	34.63	35.74
tbIVehicleEF	LDA	0.02	0.02
tbIVehicleEF	LDA	0.01	0.11
tbIVehicleEF	LDA	5.5000e-004	4.7100e-004
tbIVehicleEF	LDA	7.9200e-004	6.0900e-004
tbIVehicleEF	LDA	5.0600e-004	4.3300e-004
tbIVehicleEF	LDA	7.2800e-004	5.6000e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	9.2080e-003	0.01
tbIVehicleEF	LDA	3.0650e-003	1.6070e-003
tbIVehicleEF	LDA	0.02	0.14
tbIVehicleEF	LDA	6.4280e-003	0.06
tbIVehicleEF	LDA	1.6220e-003	1.8070e-003
tbIVehicleEF	LDA	3.5000e-004	3.5400e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	9.2080e-003	0.01

tblVehicleEF	LDA	4.4570e-003	2.3290e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	7.0380e-003	0.06
tblVehicleEF	LDA	1.3920e-003	6.7400e-004
tblVehicleEF	LDA	3.9800e-004	0.01
tblVehicleEF	LDA	0.30	0.45
tblVehicleEF	LDA	0.25	1.07
tblVehicleEF	LDA	177.52	199.49
tblVehicleEF	LDA	34.63	35.40
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	9.5520e-003	0.10
tblVehicleEF	LDA	5.5000e-004	4.7100e-004
tblVehicleEF	LDA	7.9200e-004	6.0900e-004
tblVehicleEF	LDA	5.0600e-004	4.3300e-004
tblVehicleEF	LDA	7.2800e-004	5.6000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	3.4880e-003	1.8230e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	5.3660e-003	0.05
tblVehicleEF	LDA	1.7760e-003	1.9730e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.0740e-003	2.6450e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	5.8750e-003	0.05
tblVehicleEF	LDA	1.1890e-003	5.7000e-004
tblVehicleEF	LDA	4.7500e-004	0.02

tbIVehicleEF	LDA	0.23	0.34
tbIVehicleEF	LDA	0.29	1.24
tbIVehicleEF	LDA	158.60	178.76
tbIVehicleEF	LDA	34.63	35.71
tbIVehicleEF	LDA	0.02	0.02
tbIVehicleEF	LDA	0.01	0.11
tbIVehicleEF	LDA	5.5000e-004	4.7100e-004
tbIVehicleEF	LDA	7.9200e-004	6.0900e-004
tbIVehicleEF	LDA	5.0600e-004	4.3300e-004
tbIVehicleEF	LDA	7.2800e-004	5.6000e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	8.5160e-003	0.01
tbIVehicleEF	LDA	2.9850e-003	1.5670e-003
tbIVehicleEF	LDA	0.03	0.16
tbIVehicleEF	LDA	6.4050e-003	0.06
tbIVehicleEF	LDA	1.5860e-003	1.7680e-003
tbIVehicleEF	LDA	3.5000e-004	3.5300e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	8.5160e-003	0.01
tbIVehicleEF	LDA	4.3410e-003	2.2700e-003
tbIVehicleEF	LDA	0.03	0.16
tbIVehicleEF	LDA	7.0130e-003	0.06
tbIVehicleEF	LDT1	1.6300e-003	6.2400e-004
tbIVehicleEF	LDT1	6.5800e-004	0.02
tbIVehicleEF	LDT1	0.31	0.38
tbIVehicleEF	LDT1	0.38	1.33
tbIVehicleEF	LDT1	204.30	214.32
tbIVehicleEF	LDT1	44.26	42.86

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004
tblVehicleEF	LDT1	6.2200e-004	4.6000e-004
tblVehicleEF	LDT1	9.1100e-004	6.1500e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	4.0420e-003	1.7040e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	8.8770e-003	0.06
tblVehicleEF	LDT1	2.0440e-003	2.1210e-003
tblVehicleEF	LDT1	4.4800e-004	4.2400e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	5.8960e-003	2.4850e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	9.7190e-003	0.07
tblVehicleEF	LDT1	1.8530e-003	7.1900e-004
tblVehicleEF	LDT1	5.5000e-004	0.02
tblVehicleEF	LDT1	0.38	0.46
tblVehicleEF	LDT1	0.31	1.12
tblVehicleEF	LDT1	223.10	231.16
tblVehicleEF	LDT1	44.26	42.50
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.11
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004

tbIVehicleEF	LDT1	6.2200e-004	4.6000e-004
tbIVehicleEF	LDT1	9.1100e-004	6.1500e-004
tbIVehicleEF	LDT1	0.04	0.06
tbIVehicleEF	LDT1	0.05	0.05
tbIVehicleEF	LDT1	0.04	0.05
tbIVehicleEF	LDT1	4.5930e-003	1.9360e-003
tbIVehicleEF	LDT1	0.03	0.17
tbIVehicleEF	LDT1	7.4160e-003	0.05
tbIVehicleEF	LDT1	2.2330e-003	2.2880e-003
tbIVehicleEF	LDT1	4.4700e-004	4.2100e-004
tbIVehicleEF	LDT1	0.04	0.06
tbIVehicleEF	LDT1	0.05	0.05
tbIVehicleEF	LDT1	0.04	0.05
tbIVehicleEF	LDT1	6.7000e-003	2.8240e-003
tbIVehicleEF	LDT1	0.03	0.17
tbIVehicleEF	LDT1	8.1200e-003	0.06
tbIVehicleEF	LDT1	1.5890e-003	6.0900e-004
tbIVehicleEF	LDT1	6.5600e-004	0.02
tbIVehicleEF	LDT1	0.29	0.36
tbIVehicleEF	LDT1	0.37	1.31
tbIVehicleEF	LDT1	199.87	210.33
tbIVehicleEF	LDT1	44.26	42.82
tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	0.01	0.12
tbIVehicleEF	LDT1	6.7600e-004	5.0100e-004
tbIVehicleEF	LDT1	9.9100e-004	6.6900e-004
tbIVehicleEF	LDT1	6.2200e-004	4.6000e-004
tbIVehicleEF	LDT1	9.1100e-004	6.1500e-004
tbIVehicleEF	LDT1	0.02	0.03
tbIVehicleEF	LDT1	0.04	0.05

tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	3.9390e-003	1.6600e-003
tbIVehicleEF	LDT1	0.04	0.20
tbIVehicleEF	LDT1	8.8500e-003	0.06
tbIVehicleEF	LDT1	2.0000e-003	2.0810e-003
tbIVehicleEF	LDT1	4.4800e-004	4.2400e-004
tbIVehicleEF	LDT1	0.02	0.03
tbIVehicleEF	LDT1	0.04	0.05
tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	5.7450e-003	2.4220e-003
tbIVehicleEF	LDT1	0.04	0.20
tbIVehicleEF	LDT1	9.6900e-003	0.07
tbIVehicleEF	LDT2	1.8520e-003	8.0800e-004
tbIVehicleEF	LDT2	9.4600e-004	0.02
tbIVehicleEF	LDT2	0.38	0.43
tbIVehicleEF	LDT2	0.46	1.70
tbIVehicleEF	LDT2	237.56	213.49
tbIVehicleEF	LDT2	51.25	42.77
tbIVehicleEF	LDT2	0.03	0.02
tbIVehicleEF	LDT2	0.02	0.11
tbIVehicleEF	LDT2	6.6300e-004	5.2800e-004
tbIVehicleEF	LDT2	9.5100e-004	6.3500e-004
tbIVehicleEF	LDT2	6.1000e-004	4.8700e-004
tbIVehicleEF	LDT2	8.7400e-004	5.8400e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	4.6110e-003	2.4080e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.08

tbIVehicleEF	LDT2	2.3770e-003	2.1120e-003
tbIVehicleEF	LDT2	5.1900e-004	4.2300e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	6.7180e-003	3.4670e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.09
tbIVehicleEF	LDT2	2.1050e-003	9.3000e-004
tbIVehicleEF	LDT2	8.5200e-004	0.02
tbIVehicleEF	LDT2	0.46	0.53
tbIVehicleEF	LDT2	0.42	1.43
tbIVehicleEF	LDT2	259.40	228.68
tbIVehicleEF	LDT2	51.25	42.29
tbIVehicleEF	LDT2	0.02	0.02
tbIVehicleEF	LDT2	0.02	0.10
tbIVehicleEF	LDT2	6.6300e-004	5.2800e-004
tbIVehicleEF	LDT2	9.5100e-004	6.3500e-004
tbIVehicleEF	LDT2	6.1000e-004	4.8700e-004
tbIVehicleEF	LDT2	8.7400e-004	5.8400e-004
tbIVehicleEF	LDT2	0.04	0.07
tbIVehicleEF	LDT2	0.04	0.05
tbIVehicleEF	LDT2	0.04	0.06
tbIVehicleEF	LDT2	5.2360e-003	2.7170e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.07
tbIVehicleEF	LDT2	2.5970e-003	2.2620e-003
tbIVehicleEF	LDT2	5.1800e-004	4.1800e-004
tbIVehicleEF	LDT2	0.04	0.07
tbIVehicleEF	LDT2	0.04	0.05

tbIVehicleEF	LDT2	0.04	0.06
tbIVehicleEF	LDT2	7.6310e-003	3.9180e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.08
tbIVehicleEF	LDT2	1.8040e-003	7.8800e-004
tbIVehicleEF	LDT2	9.4400e-004	0.02
tbIVehicleEF	LDT2	0.36	0.41
tbIVehicleEF	LDT2	0.46	1.68
tbIVehicleEF	LDT2	232.43	209.90
tbIVehicleEF	LDT2	51.25	42.73
tbIVehicleEF	LDT2	0.02	0.02
tbIVehicleEF	LDT2	0.02	0.11
tbIVehicleEF	LDT2	6.6300e-004	5.2800e-004
tbIVehicleEF	LDT2	9.5100e-004	6.3500e-004
tbIVehicleEF	LDT2	6.1000e-004	4.8700e-004
tbIVehicleEF	LDT2	8.7400e-004	5.8400e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	4.4930e-003	2.3500e-003
tbIVehicleEF	LDT2	0.03	0.19
tbIVehicleEF	LDT2	0.01	0.08
tbIVehicleEF	LDT2	2.3260e-003	2.0760e-003
tbIVehicleEF	LDT2	5.1900e-004	4.2300e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	6.5470e-003	3.3820e-003
tbIVehicleEF	LDT2	0.03	0.19
tbIVehicleEF	LDT2	0.01	0.09

tbIVehicleEF	LHD1	2.3700e-003	3.1740e-003
tbIVehicleEF	LHD1	1.4740e-003	1.2820e-003
tbIVehicleEF	LHD1	2.4440e-003	4.6000e-003
tbIVehicleEF	LHD1	0.12	0.17
tbIVehicleEF	LHD1	0.15	0.13
tbIVehicleEF	LHD1	0.92	0.71
tbIVehicleEF	LHD1	8.77	7.34
tbIVehicleEF	LHD1	529.63	507.43
tbIVehicleEF	LHD1	20.81	8.07
tbIVehicleEF	LHD1	0.04	0.03
tbIVehicleEF	LHD1	0.06	0.08
tbIVehicleEF	LHD1	0.23	0.17
tbIVehicleEF	LHD1	5.9400e-004	1.0370e-003
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	3.7090e-003	3.0240e-003
tbIVehicleEF	LHD1	4.3300e-004	1.7200e-004
tbIVehicleEF	LHD1	5.6800e-004	9.9200e-004
tbIVehicleEF	LHD1	2.6620e-003	2.5100e-003
tbIVehicleEF	LHD1	3.5340e-003	2.8720e-003
tbIVehicleEF	LHD1	3.9800e-004	1.5800e-004
tbIVehicleEF	LHD1	8.8800e-004	1.1440e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	5.6300e-004	7.2100e-004
tbIVehicleEF	LHD1	0.02	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	8.6000e-005	7.1000e-005
tbIVehicleEF	LHD1	5.1590e-003	4.9370e-003
tbIVehicleEF	LHD1	2.2300e-004	8.0000e-005

tbIVehicleEF	LHD1	8.8800e-004	1.1440e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.02
tbIVehicleEF	LHD1	5.6300e-004	7.2100e-004
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.04	0.02
tbIVehicleEF	LHD1	2.3700e-003	3.1830e-003
tbIVehicleEF	LHD1	1.4850e-003	1.2960e-003
tbIVehicleEF	LHD1	2.3260e-003	4.3920e-003
tbIVehicleEF	LHD1	0.12	0.17
tbIVehicleEF	LHD1	0.15	0.13
tbIVehicleEF	LHD1	0.87	0.67
tbIVehicleEF	LHD1	8.77	7.34
tbIVehicleEF	LHD1	529.63	507.43
tbIVehicleEF	LHD1	20.81	8.00
tbIVehicleEF	LHD1	0.04	0.03
tbIVehicleEF	LHD1	0.05	0.08
tbIVehicleEF	LHD1	0.22	0.16
tbIVehicleEF	LHD1	5.9400e-004	1.0370e-003
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	3.7090e-003	3.0240e-003
tbIVehicleEF	LHD1	4.3300e-004	1.7200e-004
tbIVehicleEF	LHD1	5.6800e-004	9.9200e-004
tbIVehicleEF	LHD1	2.6620e-003	2.5100e-003
tbIVehicleEF	LHD1	3.5340e-003	2.8720e-003
tbIVehicleEF	LHD1	3.9800e-004	1.5800e-004
tbIVehicleEF	LHD1	1.6870e-003	2.1770e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.01

tbIVehicleEF	LHD1	1.1580e-003	1.4920e-003
tbIVehicleEF	LHD1	0.02	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	8.6000e-005	7.1000e-005
tbIVehicleEF	LHD1	5.1590e-003	4.9370e-003
tbIVehicleEF	LHD1	2.2200e-004	7.9000e-005
tbIVehicleEF	LHD1	1.6870e-003	2.1770e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.02
tbIVehicleEF	LHD1	1.1580e-003	1.4920e-003
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	2.3700e-003	3.1760e-003
tbIVehicleEF	LHD1	1.4760e-003	1.2840e-003
tbIVehicleEF	LHD1	2.4240e-003	4.5650e-003
tbIVehicleEF	LHD1	0.12	0.17
tbIVehicleEF	LHD1	0.15	0.13
tbIVehicleEF	LHD1	0.91	0.71
tbIVehicleEF	LHD1	8.77	7.34
tbIVehicleEF	LHD1	529.63	507.43
tbIVehicleEF	LHD1	20.81	8.05
tbIVehicleEF	LHD1	0.04	0.03
tbIVehicleEF	LHD1	0.06	0.08
tbIVehicleEF	LHD1	0.23	0.16
tbIVehicleEF	LHD1	5.9400e-004	1.0370e-003
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	3.7090e-003	3.0240e-003
tbIVehicleEF	LHD1	4.3300e-004	1.7200e-004

tblVehicleEF	LHD1	5.6800e-004	9.9200e-004
tblVehicleEF	LHD1	2.6620e-003	2.5100e-003
tblVehicleEF	LHD1	3.5340e-003	2.8720e-003
tblVehicleEF	LHD1	3.9800e-004	1.5800e-004
tblVehicleEF	LHD1	8.1600e-004	1.0590e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.4400e-004	6.9800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.05	0.15
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	8.6000e-005	7.1000e-005
tblVehicleEF	LHD1	5.1590e-003	4.9370e-003
tblVehicleEF	LHD1	2.2300e-004	8.0000e-005
tblVehicleEF	LHD1	8.1600e-004	1.0590e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.4400e-004	6.9800e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.15
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD2	2.0550e-003	1.9790e-003
tblVehicleEF	LHD2	1.8190e-003	2.5960e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.80	0.41
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.25
tblVehicleEF	LHD2	0.04	0.05

tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	5.9400e-004	6.6600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6900e-004	4.2000e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2200e-004	5.2000e-005
tblVehicleEF	LHD2	5.9400e-004	6.6600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6900e-004	4.2000e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0550e-003	1.9840e-003
tblVehicleEF	LHD2	1.4530e-003	1.4520e-003
tblVehicleEF	LHD2	1.8170e-003	2.4780e-003

tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.76	0.38
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.21
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	1.1370e-003	1.2660e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.7700e-004	8.6800e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.02	9.9950e-003
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2100e-004	5.2000e-005
tblVehicleEF	LHD2	1.1370e-003	1.2660e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01

tbIVehicleEF	LHD2	7.7700e-004	8.6800e-004
tbIVehicleEF	LHD2	0.03	0.03
tbIVehicleEF	LHD2	0.03	0.08
tbIVehicleEF	LHD2	0.03	0.01
tbIVehicleEF	LHD2	2.0550e-003	1.9800e-003
tbIVehicleEF	LHD2	1.8190e-003	2.5760e-003
tbIVehicleEF	LHD2	0.12	0.13
tbIVehicleEF	LHD2	0.14	0.15
tbIVehicleEF	LHD2	0.79	0.40
tbIVehicleEF	LHD2	13.27	11.72
tbIVehicleEF	LHD2	561.63	502.29
tbIVehicleEF	LHD2	20.88	5.24
tbIVehicleEF	LHD2	0.04	0.05
tbIVehicleEF	LHD2	0.04	0.11
tbIVehicleEF	LHD2	0.17	0.09
tbIVehicleEF	LHD2	8.2400e-004	1.5310e-003
tbIVehicleEF	LHD2	0.01	0.01
tbIVehicleEF	LHD2	4.5960e-003	8.9230e-003
tbIVehicleEF	LHD2	3.8600e-004	9.9000e-005
tbIVehicleEF	LHD2	7.8800e-004	1.4650e-003
tbIVehicleEF	LHD2	2.7120e-003	2.7250e-003
tbIVehicleEF	LHD2	4.3850e-003	8.5250e-003
tbIVehicleEF	LHD2	3.5500e-004	9.1000e-005
tbIVehicleEF	LHD2	5.6000e-004	6.1500e-004
tbIVehicleEF	LHD2	0.01	0.02
tbIVehicleEF	LHD2	0.01	0.01
tbIVehicleEF	LHD2	3.5700e-004	4.0700e-004
tbIVehicleEF	LHD2	0.02	0.03
tbIVehicleEF	LHD2	0.03	0.09
tbIVehicleEF	LHD2	0.02	0.01

tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2200e-004	5.2000e-005
tblVehicleEF	LHD2	5.6000e-004	6.1500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.5700e-004	4.0700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.23	17.23
tblVehicleEF	MCY	10.21	9.09
tblVehicleEF	MCY	172.59	209.98
tblVehicleEF	MCY	40.72	56.78
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	1.42	1.42
tblVehicleEF	MCY	0.71	0.72
tblVehicleEF	MCY	0.74	0.74
tblVehicleEF	MCY	2.08	2.08
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.98	1.76
tblVehicleEF	MCY	2.0700e-003	2.0780e-003
tblVehicleEF	MCY	6.3200e-004	5.6200e-004

tblVehicleEF	MCY	1.42	1.42
tblVehicleEF	MCY	0.71	0.72
tblVehicleEF	MCY	0.74	0.74
tblVehicleEF	MCY	2.61	2.61
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	2.16	1.92
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.39	17.39
tblVehicleEF	MCY	9.03	8.01
tblVehicleEF	MCY	172.59	210.12
tblVehicleEF	MCY	40.72	54.30
tblVehicleEF	MCY	0.96	0.96
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	3.03	3.05
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	1.95	1.97
tblVehicleEF	MCY	2.05	2.05
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.74	1.54
tblVehicleEF	MCY	2.0710e-003	2.0790e-003
tblVehicleEF	MCY	6.0500e-004	5.3700e-004
tblVehicleEF	MCY	3.03	3.05
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	1.95	1.97
tblVehicleEF	MCY	2.58	2.57

tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.89	1.68
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	16.57	16.57
tblVehicleEF	MCY	9.90	8.79
tblVehicleEF	MCY	172.59	208.84
tblVehicleEF	MCY	40.72	56.14
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	1.64	1.65
tblVehicleEF	MCY	0.93	0.94
tblVehicleEF	MCY	0.65	0.66
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	0.40	1.45
tblVehicleEF	MCY	1.94	1.71
tblVehicleEF	MCY	2.0590e-003	2.0670e-003
tblVehicleEF	MCY	6.2600e-004	5.5600e-004
tblVehicleEF	MCY	1.64	1.65
tblVehicleEF	MCY	0.93	0.94
tblVehicleEF	MCY	0.65	0.66
tblVehicleEF	MCY	2.58	2.58
tblVehicleEF	MCY	0.40	1.45
tblVehicleEF	MCY	2.11	1.87
tblVehicleEF	MDV	2.0300e-003	8.0100e-004
tblVehicleEF	MDV	1.1120e-003	0.02

tblVehicleEF	MDV	0.41	0.42
tblVehicleEF	MDV	0.52	1.66
tblVehicleEF	MDV	308.49	257.45
tblVehicleEF	MDV	65.25	50.34
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.02	0.12
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004
tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	5.1430e-003	2.4100e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	3.0820e-003	2.5440e-003
tblVehicleEF	MDV	6.6000e-004	4.9800e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	7.4620e-003	3.4640e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	2.3040e-003	9.2200e-004
tblVehicleEF	MDV	9.9100e-004	0.02
tblVehicleEF	MDV	0.50	0.52
tblVehicleEF	MDV	0.47	1.39
tblVehicleEF	MDV	335.87	272.21
tblVehicleEF	MDV	65.25	49.87

tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004
tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	5.8210e-003	2.7160e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	3.3570e-003	2.6900e-003
tblVehicleEF	MDV	6.5900e-004	4.9300e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	8.4510e-003	3.9120e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.9790e-003	7.8200e-004
tblVehicleEF	MDV	1.1100e-003	0.02
tblVehicleEF	MDV	0.39	0.40
tblVehicleEF	MDV	0.52	1.63
tblVehicleEF	MDV	302.11	253.97
tblVehicleEF	MDV	65.25	50.29
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004

tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	5.0170e-003	2.3530e-003
tblVehicleEF	MDV	0.04	0.19
tblVehicleEF	MDV	0.01	0.08
tblVehicleEF	MDV	3.0180e-003	2.5090e-003
tblVehicleEF	MDV	6.6000e-004	4.9800e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	7.2770e-003	3.3810e-003
tblVehicleEF	MDV	0.04	0.19
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MH	3.0780e-003	1.9990e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.12
tblVehicleEF	MH	3.02	1.12
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.67
tblVehicleEF	MH	0.48	0.71
tblVehicleEF	MH	0.50	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004

tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.7260e-003	0.17
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	1.2500e-004
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.7260e-003	0.17
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MH	3.1500e-003	2.0350e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.13
tblVehicleEF	MH	2.77	1.03
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.51
tblVehicleEF	MH	0.44	0.65
tblVehicleEF	MH	0.48	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004
tblVehicleEF	MH	0.70	0.59
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.7150e-003	0.17
tblVehicleEF	MH	0.17	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0300e-004	1.2400e-004
tblVehicleEF	MH	0.70	0.59
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.7150e-003	0.17
tblVehicleEF	MH	0.19	0.06
tblVehicleEF	MH	3.0850e-003	2.0030e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.12
tblVehicleEF	MH	3.00	1.12
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.66
tblVehicleEF	MH	0.47	0.69
tblVehicleEF	MH	0.50	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004
tblVehicleEF	MH	0.35	0.29
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.17	0.14
tblVehicleEF	MH	0.01	0.02

tblVehicleEF	MH	2.9270e-003	0.18
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	1.2500e-004
tblVehicleEF	MH	0.35	0.29
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.17	0.14
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.9270e-003	0.18
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MHD	0.02	2.9730e-003
tblVehicleEF	MHD	1.5750e-003	4.9600e-004
tblVehicleEF	MHD	0.03	5.8120e-003
tblVehicleEF	MHD	0.29	0.32
tblVehicleEF	MHD	0.16	0.08
tblVehicleEF	MHD	2.26	0.44
tblVehicleEF	MHD	153.75	46.82
tblVehicleEF	MHD	1,078.59	773.61
tblVehicleEF	MHD	47.29	5.46
tblVehicleEF	MHD	0.40	0.25
tblVehicleEF	MHD	0.53	0.98
tblVehicleEF	MHD	11.96	1.84
tblVehicleEF	MHD	3.0000e-005	6.3000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
tblVehicleEF	MHD	6.9500e-004	8.5000e-005
tblVehicleEF	MHD	2.9000e-005	6.0000e-005
tblVehicleEF	MHD	2.5110e-003	7.1470e-003
tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	6.7900e-004	2.9800e-004
tblVehicleEF	MHD	0.02	9.7430e-003

tbIVehicleEF	MHD	0.02	0.01
tbIVehicleEF	MHD	4.2500e-004	1.8700e-004
tbIVehicleEF	MHD	0.03	7.2500e-003
tbIVehicleEF	MHD	8.9470e-003	0.05
tbIVehicleEF	MHD	0.15	0.03
tbIVehicleEF	MHD	1.4770e-003	4.4400e-004
tbIVehicleEF	MHD	0.01	7.3750e-003
tbIVehicleEF	MHD	5.1300e-004	5.4000e-005
tbIVehicleEF	MHD	6.7900e-004	2.9800e-004
tbIVehicleEF	MHD	0.02	9.7430e-003
tbIVehicleEF	MHD	0.03	0.02
tbIVehicleEF	MHD	4.2500e-004	1.8700e-004
tbIVehicleEF	MHD	0.03	8.4700e-003
tbIVehicleEF	MHD	8.9470e-003	0.05
tbIVehicleEF	MHD	0.17	0.03
tbIVehicleEF	MHD	0.02	2.8360e-003
tbIVehicleEF	MHD	1.5840e-003	5.0200e-004
tbIVehicleEF	MHD	0.02	5.5560e-003
tbIVehicleEF	MHD	0.21	0.28
tbIVehicleEF	MHD	0.16	0.08
tbIVehicleEF	MHD	2.11	0.41
tbIVehicleEF	MHD	162.86	46.34
tbIVehicleEF	MHD	1,078.59	773.61
tbIVehicleEF	MHD	47.29	5.41
tbIVehicleEF	MHD	0.41	0.24
tbIVehicleEF	MHD	0.50	0.92
tbIVehicleEF	MHD	11.95	1.84
tbIVehicleEF	MHD	2.6000e-005	5.6000e-005
tbIVehicleEF	MHD	2.6280e-003	7.4750e-003
tbIVehicleEF	MHD	6.9500e-004	8.5000e-005

tblVehicleEF	MHD	2.5000e-005	5.3000e-005
tblVehicleEF	MHD	2.5110e-003	7.1470e-003
tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	1.2990e-003	5.6800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	8.9000e-004	3.8900e-004
tblVehicleEF	MHD	0.03	7.2680e-003
tblVehicleEF	MHD	8.9680e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.5630e-003	4.4000e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1000e-004	5.4000e-005
tblVehicleEF	MHD	1.2990e-003	5.6800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	8.9000e-004	3.8900e-004
tblVehicleEF	MHD	0.03	8.4970e-003
tblVehicleEF	MHD	8.9680e-003	0.05
tblVehicleEF	MHD	0.16	0.03
tblVehicleEF	MHD	0.02	3.1790e-003
tblVehicleEF	MHD	1.5760e-003	4.9600e-004
tblVehicleEF	MHD	0.03	5.7400e-003
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.16	0.08
tblVehicleEF	MHD	2.22	0.43
tblVehicleEF	MHD	141.16	47.47
tblVehicleEF	MHD	1,078.59	773.61
tblVehicleEF	MHD	47.29	5.45
tblVehicleEF	MHD	0.38	0.27

tblVehicleEF	MHD	0.52	0.96
tblVehicleEF	MHD	11.96	1.84
tblVehicleEF	MHD	3.7000e-005	7.2000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
tblVehicleEF	MHD	6.9500e-004	8.5000e-005
tblVehicleEF	MHD	3.5000e-005	6.9000e-005
tblVehicleEF	MHD	2.5110e-003	7.1470e-003
tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	6.3300e-004	2.7700e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.1100e-004	1.8000e-004
tblVehicleEF	MHD	0.03	7.2520e-003
tblVehicleEF	MHD	9.7910e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.3580e-003	4.5000e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1200e-004	5.4000e-005
tblVehicleEF	MHD	6.3300e-004	2.7700e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.1100e-004	1.8000e-004
tblVehicleEF	MHD	0.03	8.4730e-003
tblVehicleEF	MHD	9.7910e-003	0.05
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	OBUS	0.01	9.0480e-003
tblVehicleEF	OBUS	2.8630e-003	1.1380e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.18	0.13

tblVehicleEF	OBUS	3.71	1.30
tblVehicleEF	OBUS	63.70	61.60
tblVehicleEF	OBUS	1,099.49	1,126.05
tblVehicleEF	OBUS	67.73	14.87
tblVehicleEF	OBUS	0.13	0.28
tblVehicleEF	OBUS	0.31	0.92
tblVehicleEF	OBUS	1.58	0.83
tblVehicleEF	OBUS	1.1000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0010e-003	6.6340e-003
tblVehicleEF	OBUS	1.0960e-003	2.3300e-004
tblVehicleEF	OBUS	1.1000e-005	9.1000e-005
tblVehicleEF	OBUS	1.8890e-003	6.3250e-003
tblVehicleEF	OBUS	1.0080e-003	2.1400e-004
tblVehicleEF	OBUS	1.7850e-003	1.8400e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.4700e-004	8.8800e-004
tblVehicleEF	OBUS	0.02	8.2420e-003
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.25	0.08
tblVehicleEF	OBUS	6.2000e-004	5.8700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.4200e-004	1.4700e-004
tblVehicleEF	OBUS	1.7850e-003	1.8400e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.4700e-004	8.8800e-004
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.27	0.09

tbIVehicleEF	OBUS	0.01	9.1370e-003
tbIVehicleEF	OBUS	2.9230e-003	1.1660e-003
tbIVehicleEF	OBUS	0.02	0.02
tbIVehicleEF	OBUS	0.24	0.54
tbIVehicleEF	OBUS	0.18	0.13
tbIVehicleEF	OBUS	3.41	1.20
tbIVehicleEF	OBUS	66.50	60.92
tbIVehicleEF	OBUS	1,099.49	1,126.06
tbIVehicleEF	OBUS	67.73	14.69
tbIVehicleEF	OBUS	0.13	0.27
tbIVehicleEF	OBUS	0.29	0.85
tbIVehicleEF	OBUS	1.55	0.82
tbIVehicleEF	OBUS	1.0000e-005	8.5000e-005
tbIVehicleEF	OBUS	2.0010e-003	6.6340e-003
tbIVehicleEF	OBUS	1.0960e-003	2.3300e-004
tbIVehicleEF	OBUS	9.0000e-006	8.1000e-005
tbIVehicleEF	OBUS	1.8890e-003	6.3250e-003
tbIVehicleEF	OBUS	1.0080e-003	2.1400e-004
tbIVehicleEF	OBUS	3.4090e-003	3.4870e-003
tbIVehicleEF	OBUS	0.02	0.02
tbIVehicleEF	OBUS	0.03	0.05
tbIVehicleEF	OBUS	1.8280e-003	1.8700e-003
tbIVehicleEF	OBUS	0.02	8.3270e-003
tbIVehicleEF	OBUS	0.05	0.21
tbIVehicleEF	OBUS	0.23	0.08
tbIVehicleEF	OBUS	6.4700e-004	5.8100e-004
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	7.3700e-004	1.4500e-004
tbIVehicleEF	OBUS	3.4090e-003	3.4870e-003
tbIVehicleEF	OBUS	0.02	0.02

tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.8280e-003	1.8700e-003
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.26	0.08
tblVehicleEF	OBUS	0.01	8.9730e-003
tblVehicleEF	OBUS	2.8700e-003	1.1410e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.55
tblVehicleEF	OBUS	0.18	0.13
tblVehicleEF	OBUS	3.68	1.29
tblVehicleEF	OBUS	59.84	62.53
tblVehicleEF	OBUS	1,099.49	1,126.05
tblVehicleEF	OBUS	67.73	14.86
tblVehicleEF	OBUS	0.12	0.30
tblVehicleEF	OBUS	0.30	0.90
tblVehicleEF	OBUS	1.57	0.83
tblVehicleEF	OBUS	1.4000e-005	1.1000e-004
tblVehicleEF	OBUS	2.0010e-003	6.6340e-003
tblVehicleEF	OBUS	1.0960e-003	2.3300e-004
tblVehicleEF	OBUS	1.3000e-005	1.0500e-004
tblVehicleEF	OBUS	1.8890e-003	6.3250e-003
tblVehicleEF	OBUS	1.0080e-003	2.1400e-004
tblVehicleEF	OBUS	1.7080e-003	1.7150e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.2900e-004	8.6700e-004
tblVehicleEF	OBUS	0.02	8.2510e-003
tblVehicleEF	OBUS	0.05	0.22
tblVehicleEF	OBUS	0.25	0.08

tblVehicleEF	OBUS	5.8300e-004	5.9600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.4200e-004	1.4700e-004
tblVehicleEF	OBUS	1.7080e-003	1.7150e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	8.2900e-004	8.6700e-004
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.22
tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.4940e-003	1.1460e-003
tblVehicleEF	SBUS	0.05	5.9990e-003
tblVehicleEF	SBUS	7.49	3.27
tblVehicleEF	SBUS	0.27	0.15
tblVehicleEF	SBUS	5.31	0.67
tblVehicleEF	SBUS	1,041.59	264.71
tblVehicleEF	SBUS	1,009.44	797.71
tblVehicleEF	SBUS	51.04	4.32
tblVehicleEF	SBUS	2.26	1.21
tblVehicleEF	SBUS	0.89	1.27
tblVehicleEF	SBUS	12.25	1.95
tblVehicleEF	SBUS	1.6700e-004	2.9600e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.6000e-004	2.8300e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005

tblVehicleEF	SBUS	4.8020e-003	1.5390e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	2.3030e-003	7.4500e-004
tblVehicleEF	SBUS	0.04	9.8310e-003
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	2.5280e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	6.0300e-004	4.3000e-005
tblVehicleEF	SBUS	4.8020e-003	1.5390e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.32	0.48
tblVehicleEF	SBUS	2.3030e-003	7.4500e-004
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.5520e-003	1.1750e-003
tblVehicleEF	SBUS	0.04	4.8670e-003
tblVehicleEF	SBUS	7.45	3.25
tblVehicleEF	SBUS	0.27	0.16
tblVehicleEF	SBUS	3.62	0.46
tblVehicleEF	SBUS	1,088.52	261.66
tblVehicleEF	SBUS	1,009.44	797.72
tblVehicleEF	SBUS	51.04	3.96
tblVehicleEF	SBUS	2.33	1.15
tblVehicleEF	SBUS	0.84	1.19
tblVehicleEF	SBUS	12.23	1.94
tblVehicleEF	SBUS	1.4100e-004	2.6300e-004

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.3500e-004	2.5200e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005
tblVehicleEF	SBUS	9.1300e-003	2.9130e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	4.8940e-003	1.5610e-003
tblVehicleEF	SBUS	0.04	9.9490e-003
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.01	2.4990e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	5.7400e-004	3.9000e-005
tblVehicleEF	SBUS	9.1300e-003	2.9130e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.32	0.48
tblVehicleEF	SBUS	4.8940e-003	1.5610e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.26	0.03
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.4960e-003	1.1470e-003
tblVehicleEF	SBUS	0.05	6.0700e-003
tblVehicleEF	SBUS	7.54	3.28
tblVehicleEF	SBUS	0.27	0.15
tblVehicleEF	SBUS	5.35	0.68

tblVehicleEF	SBUS	976.79	268.93
tblVehicleEF	SBUS	1,009.44	797.71
tblVehicleEF	SBUS	51.04	4.33
tblVehicleEF	SBUS	2.16	1.30
tblVehicleEF	SBUS	0.88	1.25
tblVehicleEF	SBUS	12.25	1.95
tblVehicleEF	SBUS	2.0400e-004	3.4200e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.9500e-004	3.2700e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005
tblVehicleEF	SBUS	4.5130e-003	1.4240e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	2.2490e-003	7.2700e-004
tblVehicleEF	SBUS	0.04	9.8350e-003
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	9.5830e-003	2.5680e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	6.0300e-004	4.3000e-005
tblVehicleEF	SBUS	4.5130e-003	1.4240e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.32	0.47
tblVehicleEF	SBUS	2.2490e-003	7.2700e-004
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.02	0.08

tblVehicleEF	SBUS	0.33	0.04
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	3.89	32.93
tblVehicleEF	UBUS	7.80	1.43
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	14.28
tblVehicleEF	UBUS	0.44	0.41
tblVehicleEF	UBUS	11.66	0.28
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	4.8450e-003	1.5660e-003
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.0640e-003	9.3600e-004
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.75	0.07
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.6140e-003	1.4100e-004
tblVehicleEF	UBUS	4.8450e-003	1.5660e-003
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.0640e-003	9.3600e-004
tblVehicleEF	UBUS	0.81	4.32
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.82	0.08
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	3.90	32.93
tblVehicleEF	UBUS	6.46	1.18
tblVehicleEF	UBUS	1,683.21	1,660.54
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tblVehicleEF	UBUS	0.40	0.40
tblVehicleEF	UBUS	11.59	0.26
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	8.9640e-003	2.9660e-003
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.6200e-003	2.0890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.67	0.06
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.5910e-003	1.3700e-004
tblVehicleEF	UBUS	8.9640e-003	2.9660e-003
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.6200e-003	2.0890e-003
tblVehicleEF	UBUS	0.82	4.32
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.74	0.07
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	3.89	32.93
tblVehicleEF	UBUS	7.58	1.40
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	14.22
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tblVehicleEF	UBUS	11.65	0.27
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	4.5770e-003	1.5720e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	2.9830e-003	9.1600e-004
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.08
tblVehicleEF	UBUS	0.74	0.07
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.6110e-003	1.4100e-004
tblVehicleEF	UBUS	4.5770e-003	1.5720e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	2.9830e-003	9.1600e-004
tblVehicleEF	UBUS	0.81	4.32
tblVehicleEF	UBUS	0.02	0.08

tblVehicleEF	UBUS	0.81	0.07
tblVehicleTrips	ST_TR	204.47	76.44
tblVehicleTrips	ST_TR	696.00	173.15
tblVehicleTrips	ST_TR	1.50	1.84
tblVehicleTrips	ST_TR	1.32	5.12
tblVehicleTrips	ST_TR	2.46	9.74
tblVehicleTrips	ST_TR	158.37	56.08
tblVehicleTrips	ST_TR	1.49	3.93
tblVehicleTrips	ST_TR	49.97	25.54
tblVehicleTrips	ST_TR	1.68	1.73
tblVehicleTrips	SU_TR	166.88	76.44
tblVehicleTrips	SU_TR	500.00	173.15
tblVehicleTrips	SU_TR	1.50	1.84
tblVehicleTrips	SU_TR	0.68	5.12
tblVehicleTrips	SU_TR	1.05	9.74
tblVehicleTrips	SU_TR	131.84	56.08
tblVehicleTrips	SU_TR	0.62	3.93
tblVehicleTrips	SU_TR	25.24	25.54
tblVehicleTrips	SU_TR	1.68	1.73
tblVehicleTrips	WD_TR	542.60	76.44
tblVehicleTrips	WD_TR	716.00	173.15
tblVehicleTrips	WD_TR	1.50	1.84
tblVehicleTrips	WD_TR	6.97	5.12
tblVehicleTrips	WD_TR	11.03	9.74
tblVehicleTrips	WD_TR	127.15	56.08
tblVehicleTrips	WD_TR	3.82	3.93
tblVehicleTrips	WD_TR	42.70	25.54
tblVehicleTrips	WD_TR	1.68	1.73

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					
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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

	ROG	NOx	CO	SO2	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					
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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	lb/day										lb/day					
Area	619.0131	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282
Energy	10.6055	96.4139	80.9877	0.5785		7.3275	7.3275		7.3275	7.3275		115,696.7187	115,696.7187	2.2175	2.1211	116,384.2464
Mobile	74.9558	276.8881	924.0169	3.3132	419.2379	2.5577	421.7956	111.8841	2.4237	114.3078		342,519.102	342,519.102	13.0855		342,846.2471
Total	704.5744	373.3256	1,007.6299	3.8919	419.2379	9.8945	429.1324	111.8841	9.7605	121.6445		458,221.4923	458,221.4923	15.3176	2.1211	459,236.5217

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	586.1907	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282
Energy	8.9627	81.4793	68.4426	0.4889		6.1924	6.1924		6.1924	6.1924		97,775.1432	97,775.1432	1.8740	1.7925	98,356.1720
Mobile	74.9558	276.8881	924.0169	3.3132	419.2379	2.5577	421.7956	111.8841	2.4237	114.3078		342,519.102	342,519.102	13.0855		342,846.2471
Total	670.1093	358.3910	995.0848	3.8023	419.2379	8.7594	427.9973	111.8841	8.6255	120.5095		440,299.9169	440,299.9169	14.9741	1.7925	441,208.4473

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	4.89	4.00	1.25	2.30	0.00	11.47	0.26	0.00	11.63	0.93	0.00	3.91	3.91	2.24	15.49	3.93

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/31/2045	12/31/2045	5	0	
2	Site Preparation	Site Preparation	12/31/2045	12/31/2045	5	0	
3	Grading	Grading	12/31/2045	12/31/2045	5	0	
4	Building Construction	Building Construction	12/31/2045	12/31/2045	5	0	
5	Paving	Paving	12/31/2045	12/31/2045	5	0	
6	Architectural Coating	Architectural Coating	12/31/2045	12/31/2045	5	0	

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: 38,770,668; Non-Residential Outdoor: 12,923,556; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	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

Mitigated Construction Off-Site

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

3.4 Grading - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.7 Architectural Coating - 2045

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	lb/day										lb/day					
Mitigated	74.9558	276.8881	924.0169	3.3132	419.2379	2.5577	421.7956	111.8841	2.4237	114.3078	342,519.102	342,519.102	13.0855			342,846.2471

General Light Industry	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
High Turnover (Sit Down Restaurant)	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Manufacturing	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
Regional Shopping Center	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Pail	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.9627	81.4793	68.4426	0.4889		6.1924	6.1924		6.1924	6.1924		97,775.1432	97,775.1432	1.8740	1.7925	98,356.1720
NaturalGas Unmitigated	10.6055	96.4139	80.9877	0.5785		7.3275	7.3275		7.3275	7.3275		115,696.7187	115,696.7187	2.2175	2.1211	116,384.2464

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
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Land Use	kBTU/yr	lb/day								lb/day				
Convenience Market With Gas	30.9115	3.3000e-004	3.0300e-003	2.5500e-003	2.0000e-005	2.3000e-004	2.3000e-004	2.3000e-004	2.3000e-004	3.6367	3.6367	7.0000e-005	7.0000e-005	3.6583
Fast Food Restaurant w/o Drive Thru	4869.48	0.0525	0.4774	0.4010	2.8600e-003	0.0363	0.0363	0.0363	0.0363	572.8799	572.8799	0.0110	0.0105	576.2843
General Heavy Industry	244788	2.6399	23.9988	20.1590	0.1440	1.8239	1.8239	1.8239	1.8239	28,798.5496	28,798.5496	0.5520	0.5280	28,969.6849
General Light Industry	224767	2.4240	22.0360	18.5102	0.1322	1.6747	1.6747	1.6747	1.6747	26,443.1424	26,443.1424	0.5068	0.4848	26,600.2807
General Office Building	3279.86	0.0354	0.3216	0.2701	1.9300e-003	0.0244	0.0244	0.0244	0.0244	385.8662	385.8662	7.4000e-003	7.0700e-003	388.1593
High Turnover (Sit Down Restaurant)	13484.7	0.1454	1.3220	1.1105	7.9300e-003	0.1005	0.1005	0.1005	0.1005	1,586.43677	1,586.43677	0.0304	0.0291	1,595.8641
Manufacturing	405170	4.3695	39.7225	33.3669	0.2383	3.0189	3.0189	3.0189	3.0189	47,667.0451	47,667.0451	0.9136	0.8739	47,950.3065
Regional Shopping Center	200.712	2.1600e-003	0.0197	0.0165	1.2000e-004	1.5000e-003	1.5000e-003	1.5000e-003	1.5000e-003	23.6132	23.6132	4.5000e-004	4.3000e-004	23.7535
Unrefrigerated Warehouse-No Drive Thru	86832.2	0.9364	8.5130	7.1509	0.0511	0.6470	0.6470	0.6470	0.6470	10,215.5489	10,215.5489	0.1958	0.1873	10,276.2548
Total		10.6055	96.4139	80.9877	0.5785	7.3275	7.3275	7.3275	7.3275	115,696.7187	115,696.7187	2.2175	2.1211	116,384.2464

Mitigated

Land Use	Natural Gas Use	kBTU/yr	lb/day								lb/day					
			ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4
Convenience Market With Gas	0.0228912	2.5000e-004	2.2400e-003	1.8900e-003	1.0000e-005	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	2.6931	2.6931	5.0000e-005	5.0000e-005	2.7091
Fast Food Restaurant w/o Drive Thru	4.45453	0.0480	0.4367	0.3668	2.6200e-003	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	524.0624	524.0624	0.0100	9.6100e-003	527.1766
General Heavy Industry	210.07	2.2655	20.5951	17.2999	0.1236	1.5652	1.5652	1.5652	1.5652	1.5652	1.5652	24,714.1015	24,714.1015	0.4737	0.4531	24,860.9651
General Light Industry	192.888	2.0802	18.9106	15.8849	0.1135	1.4372	1.4372	1.4372	1.4372	1.4372	1.4372	22,692.7576	22,692.7576	0.4349	0.4160	22,827.6094
General Office Building	2.2959	0.0248	0.2251	0.1891	1.3500e-003	0.0171	0.0171	0.0171	0.0171	0.0171	0.0171	270.1064	270.1064	5.1800e-003	4.9500e-003	271.7115
High Turnover (Sit Down Restaurant)	12.3356	0.1330	1.2094	1.0159	7.2600e-003	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	1,451.2496	1,451.2496	0.0278	0.0266	1,459.8737

Manufacturing	347.705	3.7498	34.0888	28.6346	0.2045		2.5908	2.5908		2.5908	2.5908		40,906.5113	40,906.5113	0.7840	0.7500	41,149.5982
Regional Shopping Center	0.148636	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4865	17.4865	3.4000e-004	3.2000e-004	17.5905
Unrefrigerated Warehouse-No Rail	61.1675	0.6597	5.9968	5.0373	0.0360		0.4558	0.4558		0.4558	0.4558		7,196.1748	7,196.1748	0.1379	0.1319	7,238.9381
Total		8.9627	81.4793	68.4426	0.4889		6.1924	6.1924		6.1924	6.1924		97,775.1433	97,775.1433	1.8740	1.7925	98,356.1720

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	586.1907	0.0236	2.6253	2.0000e-004	9.3100e-003	9.3100e-003	9.3100e-003	9.3100e-003	9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282
Unmitigated	619.0131	0.0236	2.6253	2.0000e-004	9.3100e-003	9.3100e-003	9.3100e-003	9.3100e-003	9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282

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	65.6446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	553.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.2402	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282
Total	619.0131	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282

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	32.8223					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	553.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.2402	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282
Total	586.1907	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan EIR - Unmitigated Operational - San Bernardino-Mojave Desert County, Winter

SCLA Specific Plan EIR - Unmitigated Operational
San Bernardino-Mojave Desert County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	345.00	1000sqft	799.20	345,000.00	0
General Heavy Industry	2,750.00	1000sqft	799.20	2,750,000.00	0
General Light Industry	2,525.08	1000sqft	799.20	2,525,080.00	0
Manufacturing	4,551.77	1000sqft	799.20	4,551,770.00	0
Unrefrigerated Warehouse-No Rail	15,612.68	1000sqft	797.76	15,612,680.00	0
Fast Food Restaurant w/o Drive Thru	6.50	1000sqft	0.15	6,500.00	0
High Turnover (Sit Down Restaurant)	18.00	1000sqft	0.41	18,000.00	0
Convenience Market With Gas Pumps	36.00	Pump	0.12	5,082.30	0
Regional Shopping Center	33.00	1000sqft	0.76	33,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2050
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Statewide Average with 100% reduction due to goals & regulation in SB 100 (2045 - 100% renewable energy).

Land Use - Based off the Land Use Intensities in the Michael Baker International, Southern California Logistics Airport Specific Plan Traffic Impact Analysis, April 23, 2020, and information from the Applicant
 Construction Phase - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Grading - Operational Run Only.

Architectural Coating - MDAQMD Rule 1113

Vehicle Trips - Per the traffic study the project would have 71,971 ADT.

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Area Coating - MDAQMD Rule 1113

Energy Use -

Mobile Land Use Mitigation -

Area Mitigation - MDAQMD Rule 1113

Energy Mitigation - 2019 Title 24 Requirements are 30% more efficient than model 2016 Title 24 standards.

Water Mitigation - 2019 Title 24 & CalGreen.

Waste Mitigation - AB 341 post 2020 requirement.

Fleet Mix - According to the TIA and communication with the traffic engineer, only the manufacturing, warehousing, and light industrial uses would have truck trips that 100% LPA (percentage) was assumed

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_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100

tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
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tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	50
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tblLandUse	LotAcreage	7.92	799.20
tblLandUse	LotAcreage	63.13	799.20
tblLandUse	LotAcreage	57.97	799.20
tblLandUse	LotAcreage	104.49	799.20
tblLandUse	LotAcreage	358.42	797.76
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	1001.57	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleEF	HHD	0.83	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.11	8.88
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.64	2.2740e-003
tblVehicleEF	HHD	6,274.34	1,131.00
tblVehicleEF	HHD	1,396.15	957.24
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	17.41	7.10
tblVehicleEF	HHD	1.08	1.93
tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	1.7080e-003	2.5610e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.6340e-003	2.4500e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003

tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	6.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.0270e-003	3.0000e-005
tblVehicleEF	HHD	0.56	0.60
tblVehicleEF	HHD	3.9000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.3800e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.6000e-005	0.00
tblVehicleEF	HHD	6.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.0270e-003	3.0000e-005
tblVehicleEF	HHD	0.65	0.68
tblVehicleEF	HHD	3.9000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.3800e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.78	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.53	8.76
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.53	2.1260e-003
tblVehicleEF	HHD	6,647.11	1,116.18
tblVehicleEF	HHD	1,396.15	957.25
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	17.97	6.75
tblVehicleEF	HHD	1.02	1.82

tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	1.4400e-003	2.2760e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.3780e-003	2.1770e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003
tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	2.2440e-003	3.3000e-005
tblVehicleEF	HHD	0.53	0.63
tblVehicleEF	HHD	8.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.3900e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.4000e-005	0.00
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	2.2440e-003	3.3000e-005
tblVehicleEF	HHD	0.61	0.72
tblVehicleEF	HHD	8.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.3900e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.91	9.03
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.61	2.2370e-003
tblVehicleEF	HHD	5,759.57	1,151.45
tblVehicleEF	HHD	1,396.15	957.24
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	16.63	7.59
tblVehicleEF	HHD	1.07	1.90
tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	2.0790e-003	2.9560e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.9890e-003	2.8280e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003
tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	5.7000e-005	1.0000e-006
tblVehicleEF	HHD	2.1340e-003	3.1000e-005
tblVehicleEF	HHD	0.61	0.55
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.5100e-004	1.6100e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.5000e-005	0.00

tbIVehicleEF	HHD	5.7000e-005	1.0000e-006
tbIVehicleEF	HHD	2.1340e-003	3.1000e-005
tbIVehicleEF	HHD	0.70	0.63
tbIVehicleEF	HHD	3.7000e-005	1.0000e-006
tbIVehicleEF	HHD	0.10	0.05
tbIVehicleEF	HHD	1.5100e-004	1.6100e-004
tbIVehicleEF	HHD	0.03	0.00
tbIVehicleEF	LDA	1.2210e-003	5.8400e-004
tbIVehicleEF	LDA	4.7700e-004	0.02
tbIVehicleEF	LDA	0.24	0.36
tbIVehicleEF	LDA	0.30	1.26
tbIVehicleEF	LDA	162.22	182.70
tbIVehicleEF	LDA	34.63	35.74
tbIVehicleEF	LDA	0.02	0.02
tbIVehicleEF	LDA	0.01	0.11
tbIVehicleEF	LDA	5.5000e-004	4.7100e-004
tbIVehicleEF	LDA	7.9200e-004	6.0900e-004
tbIVehicleEF	LDA	5.0600e-004	4.3300e-004
tbIVehicleEF	LDA	7.2800e-004	5.6000e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	9.2080e-003	0.01
tbIVehicleEF	LDA	3.0650e-003	1.6070e-003
tbIVehicleEF	LDA	0.02	0.14
tbIVehicleEF	LDA	6.4280e-003	0.06
tbIVehicleEF	LDA	1.6220e-003	1.8070e-003
tbIVehicleEF	LDA	3.5000e-004	3.5400e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	9.2080e-003	0.01

tblVehicleEF	LDA	4.4570e-003	2.3290e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	7.0380e-003	0.06
tblVehicleEF	LDA	1.3920e-003	6.7400e-004
tblVehicleEF	LDA	3.9800e-004	0.01
tblVehicleEF	LDA	0.30	0.45
tblVehicleEF	LDA	0.25	1.07
tblVehicleEF	LDA	177.52	199.49
tblVehicleEF	LDA	34.63	35.40
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	9.5520e-003	0.10
tblVehicleEF	LDA	5.5000e-004	4.7100e-004
tblVehicleEF	LDA	7.9200e-004	6.0900e-004
tblVehicleEF	LDA	5.0600e-004	4.3300e-004
tblVehicleEF	LDA	7.2800e-004	5.6000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	3.4880e-003	1.8230e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	5.3660e-003	0.05
tblVehicleEF	LDA	1.7760e-003	1.9730e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.0740e-003	2.6450e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	5.8750e-003	0.05
tblVehicleEF	LDA	1.1890e-003	5.7000e-004
tblVehicleEF	LDA	4.7500e-004	0.02

tbIVehicleEF	LDA	0.23	0.34
tbIVehicleEF	LDA	0.29	1.24
tbIVehicleEF	LDA	158.60	178.76
tbIVehicleEF	LDA	34.63	35.71
tbIVehicleEF	LDA	0.02	0.02
tbIVehicleEF	LDA	0.01	0.11
tbIVehicleEF	LDA	5.5000e-004	4.7100e-004
tbIVehicleEF	LDA	7.9200e-004	6.0900e-004
tbIVehicleEF	LDA	5.0600e-004	4.3300e-004
tbIVehicleEF	LDA	7.2800e-004	5.6000e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	8.5160e-003	0.01
tbIVehicleEF	LDA	2.9850e-003	1.5670e-003
tbIVehicleEF	LDA	0.03	0.16
tbIVehicleEF	LDA	6.4050e-003	0.06
tbIVehicleEF	LDA	1.5860e-003	1.7680e-003
tbIVehicleEF	LDA	3.5000e-004	3.5300e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	8.5160e-003	0.01
tbIVehicleEF	LDA	4.3410e-003	2.2700e-003
tbIVehicleEF	LDA	0.03	0.16
tbIVehicleEF	LDA	7.0130e-003	0.06
tbIVehicleEF	LDT1	1.6300e-003	6.2400e-004
tbIVehicleEF	LDT1	6.5800e-004	0.02
tbIVehicleEF	LDT1	0.31	0.38
tbIVehicleEF	LDT1	0.38	1.33
tbIVehicleEF	LDT1	204.30	214.32
tbIVehicleEF	LDT1	44.26	42.86

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004
tblVehicleEF	LDT1	6.2200e-004	4.6000e-004
tblVehicleEF	LDT1	9.1100e-004	6.1500e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	4.0420e-003	1.7040e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	8.8770e-003	0.06
tblVehicleEF	LDT1	2.0440e-003	2.1210e-003
tblVehicleEF	LDT1	4.4800e-004	4.2400e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	5.8960e-003	2.4850e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	9.7190e-003	0.07
tblVehicleEF	LDT1	1.8530e-003	7.1900e-004
tblVehicleEF	LDT1	5.5000e-004	0.02
tblVehicleEF	LDT1	0.38	0.46
tblVehicleEF	LDT1	0.31	1.12
tblVehicleEF	LDT1	223.10	231.16
tblVehicleEF	LDT1	44.26	42.50
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.11
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004

tbIVehicleEF	LDT1	6.2200e-004	4.6000e-004
tbIVehicleEF	LDT1	9.1100e-004	6.1500e-004
tbIVehicleEF	LDT1	0.04	0.06
tbIVehicleEF	LDT1	0.05	0.05
tbIVehicleEF	LDT1	0.04	0.05
tbIVehicleEF	LDT1	4.5930e-003	1.9360e-003
tbIVehicleEF	LDT1	0.03	0.17
tbIVehicleEF	LDT1	7.4160e-003	0.05
tbIVehicleEF	LDT1	2.2330e-003	2.2880e-003
tbIVehicleEF	LDT1	4.4700e-004	4.2100e-004
tbIVehicleEF	LDT1	0.04	0.06
tbIVehicleEF	LDT1	0.05	0.05
tbIVehicleEF	LDT1	0.04	0.05
tbIVehicleEF	LDT1	6.7000e-003	2.8240e-003
tbIVehicleEF	LDT1	0.03	0.17
tbIVehicleEF	LDT1	8.1200e-003	0.06
tbIVehicleEF	LDT1	1.5890e-003	6.0900e-004
tbIVehicleEF	LDT1	6.5600e-004	0.02
tbIVehicleEF	LDT1	0.29	0.36
tbIVehicleEF	LDT1	0.37	1.31
tbIVehicleEF	LDT1	199.87	210.33
tbIVehicleEF	LDT1	44.26	42.82
tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	0.01	0.12
tbIVehicleEF	LDT1	6.7600e-004	5.0100e-004
tbIVehicleEF	LDT1	9.9100e-004	6.6900e-004
tbIVehicleEF	LDT1	6.2200e-004	4.6000e-004
tbIVehicleEF	LDT1	9.1100e-004	6.1500e-004
tbIVehicleEF	LDT1	0.02	0.03
tbIVehicleEF	LDT1	0.04	0.05

tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	3.9390e-003	1.6600e-003
tbIVehicleEF	LDT1	0.04	0.20
tbIVehicleEF	LDT1	8.8500e-003	0.06
tbIVehicleEF	LDT1	2.0000e-003	2.0810e-003
tbIVehicleEF	LDT1	4.4800e-004	4.2400e-004
tbIVehicleEF	LDT1	0.02	0.03
tbIVehicleEF	LDT1	0.04	0.05
tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	5.7450e-003	2.4220e-003
tbIVehicleEF	LDT1	0.04	0.20
tbIVehicleEF	LDT1	9.6900e-003	0.07
tbIVehicleEF	LDT2	1.8520e-003	8.0800e-004
tbIVehicleEF	LDT2	9.4600e-004	0.02
tbIVehicleEF	LDT2	0.38	0.43
tbIVehicleEF	LDT2	0.46	1.70
tbIVehicleEF	LDT2	237.56	213.49
tbIVehicleEF	LDT2	51.25	42.77
tbIVehicleEF	LDT2	0.03	0.02
tbIVehicleEF	LDT2	0.02	0.11
tbIVehicleEF	LDT2	6.6300e-004	5.2800e-004
tbIVehicleEF	LDT2	9.5100e-004	6.3500e-004
tbIVehicleEF	LDT2	6.1000e-004	4.8700e-004
tbIVehicleEF	LDT2	8.7400e-004	5.8400e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	4.6110e-003	2.4080e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.08

tbIVehicleEF	LDT2	2.3770e-003	2.1120e-003
tbIVehicleEF	LDT2	5.1900e-004	4.2300e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	6.7180e-003	3.4670e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.09
tbIVehicleEF	LDT2	2.1050e-003	9.3000e-004
tbIVehicleEF	LDT2	8.5200e-004	0.02
tbIVehicleEF	LDT2	0.46	0.53
tbIVehicleEF	LDT2	0.42	1.43
tbIVehicleEF	LDT2	259.40	228.68
tbIVehicleEF	LDT2	51.25	42.29
tbIVehicleEF	LDT2	0.02	0.02
tbIVehicleEF	LDT2	0.02	0.10
tbIVehicleEF	LDT2	6.6300e-004	5.2800e-004
tbIVehicleEF	LDT2	9.5100e-004	6.3500e-004
tbIVehicleEF	LDT2	6.1000e-004	4.8700e-004
tbIVehicleEF	LDT2	8.7400e-004	5.8400e-004
tbIVehicleEF	LDT2	0.04	0.07
tbIVehicleEF	LDT2	0.04	0.05
tbIVehicleEF	LDT2	0.04	0.06
tbIVehicleEF	LDT2	5.2360e-003	2.7170e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.07
tbIVehicleEF	LDT2	2.5970e-003	2.2620e-003
tbIVehicleEF	LDT2	5.1800e-004	4.1800e-004
tbIVehicleEF	LDT2	0.04	0.07
tbIVehicleEF	LDT2	0.04	0.05

tbIVehicleEF	LDT2	0.04	0.06
tbIVehicleEF	LDT2	7.6310e-003	3.9180e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.08
tbIVehicleEF	LDT2	1.8040e-003	7.8800e-004
tbIVehicleEF	LDT2	9.4400e-004	0.02
tbIVehicleEF	LDT2	0.36	0.41
tbIVehicleEF	LDT2	0.46	1.68
tbIVehicleEF	LDT2	232.43	209.90
tbIVehicleEF	LDT2	51.25	42.73
tbIVehicleEF	LDT2	0.02	0.02
tbIVehicleEF	LDT2	0.02	0.11
tbIVehicleEF	LDT2	6.6300e-004	5.2800e-004
tbIVehicleEF	LDT2	9.5100e-004	6.3500e-004
tbIVehicleEF	LDT2	6.1000e-004	4.8700e-004
tbIVehicleEF	LDT2	8.7400e-004	5.8400e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	4.4930e-003	2.3500e-003
tbIVehicleEF	LDT2	0.03	0.19
tbIVehicleEF	LDT2	0.01	0.08
tbIVehicleEF	LDT2	2.3260e-003	2.0760e-003
tbIVehicleEF	LDT2	5.1900e-004	4.2300e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	6.5470e-003	3.3820e-003
tbIVehicleEF	LDT2	0.03	0.19
tbIVehicleEF	LDT2	0.01	0.09

tbIVehicleEF	LHD1	2.3700e-003	3.1740e-003
tbIVehicleEF	LHD1	1.4740e-003	1.2820e-003
tbIVehicleEF	LHD1	2.4440e-003	4.6000e-003
tbIVehicleEF	LHD1	0.12	0.17
tbIVehicleEF	LHD1	0.15	0.13
tbIVehicleEF	LHD1	0.92	0.71
tbIVehicleEF	LHD1	8.77	7.34
tbIVehicleEF	LHD1	529.63	507.43
tbIVehicleEF	LHD1	20.81	8.07
tbIVehicleEF	LHD1	0.04	0.03
tbIVehicleEF	LHD1	0.06	0.08
tbIVehicleEF	LHD1	0.23	0.17
tbIVehicleEF	LHD1	5.9400e-004	1.0370e-003
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	3.7090e-003	3.0240e-003
tbIVehicleEF	LHD1	4.3300e-004	1.7200e-004
tbIVehicleEF	LHD1	5.6800e-004	9.9200e-004
tbIVehicleEF	LHD1	2.6620e-003	2.5100e-003
tbIVehicleEF	LHD1	3.5340e-003	2.8720e-003
tbIVehicleEF	LHD1	3.9800e-004	1.5800e-004
tbIVehicleEF	LHD1	8.8800e-004	1.1440e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	5.6300e-004	7.2100e-004
tbIVehicleEF	LHD1	0.02	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	8.6000e-005	7.1000e-005
tbIVehicleEF	LHD1	5.1590e-003	4.9370e-003
tbIVehicleEF	LHD1	2.2300e-004	8.0000e-005

tbIVehicleEF	LHD1	8.8800e-004	1.1440e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.02
tbIVehicleEF	LHD1	5.6300e-004	7.2100e-004
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.04	0.02
tbIVehicleEF	LHD1	2.3700e-003	3.1830e-003
tbIVehicleEF	LHD1	1.4850e-003	1.2960e-003
tbIVehicleEF	LHD1	2.3260e-003	4.3920e-003
tbIVehicleEF	LHD1	0.12	0.17
tbIVehicleEF	LHD1	0.15	0.13
tbIVehicleEF	LHD1	0.87	0.67
tbIVehicleEF	LHD1	8.77	7.34
tbIVehicleEF	LHD1	529.63	507.43
tbIVehicleEF	LHD1	20.81	8.00
tbIVehicleEF	LHD1	0.04	0.03
tbIVehicleEF	LHD1	0.05	0.08
tbIVehicleEF	LHD1	0.22	0.16
tbIVehicleEF	LHD1	5.9400e-004	1.0370e-003
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	3.7090e-003	3.0240e-003
tbIVehicleEF	LHD1	4.3300e-004	1.7200e-004
tbIVehicleEF	LHD1	5.6800e-004	9.9200e-004
tbIVehicleEF	LHD1	2.6620e-003	2.5100e-003
tbIVehicleEF	LHD1	3.5340e-003	2.8720e-003
tbIVehicleEF	LHD1	3.9800e-004	1.5800e-004
tbIVehicleEF	LHD1	1.6870e-003	2.1770e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.01

tbIVehicleEF	LHD1	1.1580e-003	1.4920e-003
tbIVehicleEF	LHD1	0.02	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	8.6000e-005	7.1000e-005
tbIVehicleEF	LHD1	5.1590e-003	4.9370e-003
tbIVehicleEF	LHD1	2.2200e-004	7.9000e-005
tbIVehicleEF	LHD1	1.6870e-003	2.1770e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.02
tbIVehicleEF	LHD1	1.1580e-003	1.4920e-003
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	2.3700e-003	3.1760e-003
tbIVehicleEF	LHD1	1.4760e-003	1.2840e-003
tbIVehicleEF	LHD1	2.4240e-003	4.5650e-003
tbIVehicleEF	LHD1	0.12	0.17
tbIVehicleEF	LHD1	0.15	0.13
tbIVehicleEF	LHD1	0.91	0.71
tbIVehicleEF	LHD1	8.77	7.34
tbIVehicleEF	LHD1	529.63	507.43
tbIVehicleEF	LHD1	20.81	8.05
tbIVehicleEF	LHD1	0.04	0.03
tbIVehicleEF	LHD1	0.06	0.08
tbIVehicleEF	LHD1	0.23	0.16
tbIVehicleEF	LHD1	5.9400e-004	1.0370e-003
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	3.7090e-003	3.0240e-003
tbIVehicleEF	LHD1	4.3300e-004	1.7200e-004

tblVehicleEF	LHD1	5.6800e-004	9.9200e-004
tblVehicleEF	LHD1	2.6620e-003	2.5100e-003
tblVehicleEF	LHD1	3.5340e-003	2.8720e-003
tblVehicleEF	LHD1	3.9800e-004	1.5800e-004
tblVehicleEF	LHD1	8.1600e-004	1.0590e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.4400e-004	6.9800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.05	0.15
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	8.6000e-005	7.1000e-005
tblVehicleEF	LHD1	5.1590e-003	4.9370e-003
tblVehicleEF	LHD1	2.2300e-004	8.0000e-005
tblVehicleEF	LHD1	8.1600e-004	1.0590e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.4400e-004	6.9800e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.15
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD2	2.0550e-003	1.9790e-003
tblVehicleEF	LHD2	1.8190e-003	2.5960e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.80	0.41
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.25
tblVehicleEF	LHD2	0.04	0.05

tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	5.9400e-004	6.6600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6900e-004	4.2000e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2200e-004	5.2000e-005
tblVehicleEF	LHD2	5.9400e-004	6.6600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6900e-004	4.2000e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0550e-003	1.9840e-003
tblVehicleEF	LHD2	1.4530e-003	1.4520e-003
tblVehicleEF	LHD2	1.8170e-003	2.4780e-003

tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.76	0.38
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.21
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	1.1370e-003	1.2660e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.7700e-004	8.6800e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.02	9.9950e-003
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2100e-004	5.2000e-005
tblVehicleEF	LHD2	1.1370e-003	1.2660e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01

tbIVehicleEF	LHD2	7.7700e-004	8.6800e-004
tbIVehicleEF	LHD2	0.03	0.03
tbIVehicleEF	LHD2	0.03	0.08
tbIVehicleEF	LHD2	0.03	0.01
tbIVehicleEF	LHD2	2.0550e-003	1.9800e-003
tbIVehicleEF	LHD2	1.8190e-003	2.5760e-003
tbIVehicleEF	LHD2	0.12	0.13
tbIVehicleEF	LHD2	0.14	0.15
tbIVehicleEF	LHD2	0.79	0.40
tbIVehicleEF	LHD2	13.27	11.72
tbIVehicleEF	LHD2	561.63	502.29
tbIVehicleEF	LHD2	20.88	5.24
tbIVehicleEF	LHD2	0.04	0.05
tbIVehicleEF	LHD2	0.04	0.11
tbIVehicleEF	LHD2	0.17	0.09
tbIVehicleEF	LHD2	8.2400e-004	1.5310e-003
tbIVehicleEF	LHD2	0.01	0.01
tbIVehicleEF	LHD2	4.5960e-003	8.9230e-003
tbIVehicleEF	LHD2	3.8600e-004	9.9000e-005
tbIVehicleEF	LHD2	7.8800e-004	1.4650e-003
tbIVehicleEF	LHD2	2.7120e-003	2.7250e-003
tbIVehicleEF	LHD2	4.3850e-003	8.5250e-003
tbIVehicleEF	LHD2	3.5500e-004	9.1000e-005
tbIVehicleEF	LHD2	5.6000e-004	6.1500e-004
tbIVehicleEF	LHD2	0.01	0.02
tbIVehicleEF	LHD2	0.01	0.01
tbIVehicleEF	LHD2	3.5700e-004	4.0700e-004
tbIVehicleEF	LHD2	0.02	0.03
tbIVehicleEF	LHD2	0.03	0.09
tbIVehicleEF	LHD2	0.02	0.01

tbIVehicleEF	LHD2	1.2900e-004	1.1200e-004
tbIVehicleEF	LHD2	5.4560e-003	4.8380e-003
tbIVehicleEF	LHD2	2.2200e-004	5.2000e-005
tbIVehicleEF	LHD2	5.6000e-004	6.1500e-004
tbIVehicleEF	LHD2	0.01	0.02
tbIVehicleEF	LHD2	0.01	0.01
tbIVehicleEF	LHD2	3.5700e-004	4.0700e-004
tbIVehicleEF	LHD2	0.03	0.03
tbIVehicleEF	LHD2	0.03	0.09
tbIVehicleEF	LHD2	0.03	0.01
tbIVehicleEF	MCY	0.45	0.31
tbIVehicleEF	MCY	0.15	0.23
tbIVehicleEF	MCY	17.23	17.23
tbIVehicleEF	MCY	10.21	9.09
tbIVehicleEF	MCY	172.59	209.98
tbIVehicleEF	MCY	40.72	56.78
tbIVehicleEF	MCY	1.13	1.13
tbIVehicleEF	MCY	0.31	0.27
tbIVehicleEF	MCY	2.2430e-003	2.2380e-003
tbIVehicleEF	MCY	3.3690e-003	2.9880e-003
tbIVehicleEF	MCY	2.0910e-003	2.0860e-003
tbIVehicleEF	MCY	3.1400e-003	2.7850e-003
tbIVehicleEF	MCY	1.42	1.42
tbIVehicleEF	MCY	0.71	0.72
tbIVehicleEF	MCY	0.74	0.74
tbIVehicleEF	MCY	2.08	2.08
tbIVehicleEF	MCY	0.34	1.23
tbIVehicleEF	MCY	1.98	1.76
tbIVehicleEF	MCY	2.0700e-003	2.0780e-003
tbIVehicleEF	MCY	6.3200e-004	5.6200e-004

tblVehicleEF	MCY	1.42	1.42
tblVehicleEF	MCY	0.71	0.72
tblVehicleEF	MCY	0.74	0.74
tblVehicleEF	MCY	2.61	2.61
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	2.16	1.92
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.39	17.39
tblVehicleEF	MCY	9.03	8.01
tblVehicleEF	MCY	172.59	210.12
tblVehicleEF	MCY	40.72	54.30
tblVehicleEF	MCY	0.96	0.96
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	3.03	3.05
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	1.95	1.97
tblVehicleEF	MCY	2.05	2.05
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.74	1.54
tblVehicleEF	MCY	2.0710e-003	2.0790e-003
tblVehicleEF	MCY	6.0500e-004	5.3700e-004
tblVehicleEF	MCY	3.03	3.05
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	1.95	1.97
tblVehicleEF	MCY	2.58	2.57

tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.89	1.68
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	16.57	16.57
tblVehicleEF	MCY	9.90	8.79
tblVehicleEF	MCY	172.59	208.84
tblVehicleEF	MCY	40.72	56.14
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	1.64	1.65
tblVehicleEF	MCY	0.93	0.94
tblVehicleEF	MCY	0.65	0.66
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	0.40	1.45
tblVehicleEF	MCY	1.94	1.71
tblVehicleEF	MCY	2.0590e-003	2.0670e-003
tblVehicleEF	MCY	6.2600e-004	5.5600e-004
tblVehicleEF	MCY	1.64	1.65
tblVehicleEF	MCY	0.93	0.94
tblVehicleEF	MCY	0.65	0.66
tblVehicleEF	MCY	2.58	2.58
tblVehicleEF	MCY	0.40	1.45
tblVehicleEF	MCY	2.11	1.87
tblVehicleEF	MDV	2.0300e-003	8.0100e-004
tblVehicleEF	MDV	1.1120e-003	0.02

tblVehicleEF	MDV	0.41	0.42
tblVehicleEF	MDV	0.52	1.66
tblVehicleEF	MDV	308.49	257.45
tblVehicleEF	MDV	65.25	50.34
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.02	0.12
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004
tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	5.1430e-003	2.4100e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	3.0820e-003	2.5440e-003
tblVehicleEF	MDV	6.6000e-004	4.9800e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	7.4620e-003	3.4640e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	2.3040e-003	9.2200e-004
tblVehicleEF	MDV	9.9100e-004	0.02
tblVehicleEF	MDV	0.50	0.52
tblVehicleEF	MDV	0.47	1.39
tblVehicleEF	MDV	335.87	272.21
tblVehicleEF	MDV	65.25	49.87

tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004
tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	5.8210e-003	2.7160e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	3.3570e-003	2.6900e-003
tblVehicleEF	MDV	6.5900e-004	4.9300e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	8.4510e-003	3.9120e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.9790e-003	7.8200e-004
tblVehicleEF	MDV	1.1100e-003	0.02
tblVehicleEF	MDV	0.39	0.40
tblVehicleEF	MDV	0.52	1.63
tblVehicleEF	MDV	302.11	253.97
tblVehicleEF	MDV	65.25	50.29
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004

tbIVehicleEF	MDV	6.3200e-004	4.6300e-004
tbIVehicleEF	MDV	8.9400e-004	5.6900e-004
tbIVehicleEF	MDV	0.04	0.05
tbIVehicleEF	MDV	0.08	0.06
tbIVehicleEF	MDV	0.04	0.05
tbIVehicleEF	MDV	5.0170e-003	2.3530e-003
tbIVehicleEF	MDV	0.04	0.19
tbIVehicleEF	MDV	0.01	0.08
tbIVehicleEF	MDV	3.0180e-003	2.5090e-003
tbIVehicleEF	MDV	6.6000e-004	4.9800e-004
tbIVehicleEF	MDV	0.04	0.05
tbIVehicleEF	MDV	0.08	0.06
tbIVehicleEF	MDV	0.04	0.05
tbIVehicleEF	MDV	7.2770e-003	3.3810e-003
tbIVehicleEF	MDV	0.04	0.19
tbIVehicleEF	MDV	0.02	0.09
tbIVehicleEF	MH	3.0780e-003	1.9990e-003
tbIVehicleEF	MH	0.01	0.02
tbIVehicleEF	MH	0.14	0.12
tbIVehicleEF	MH	3.02	1.12
tbIVehicleEF	MH	1,013.72	1,146.94
tbIVehicleEF	MH	55.50	12.67
tbIVehicleEF	MH	0.48	0.71
tbIVehicleEF	MH	0.50	0.17
tbIVehicleEF	MH	0.01	0.01
tbIVehicleEF	MH	4.3110e-003	5.8600e-003
tbIVehicleEF	MH	8.9400e-004	2.1300e-004
tbIVehicleEF	MH	3.2190e-003	3.3080e-003
tbIVehicleEF	MH	4.0920e-003	5.5770e-003
tbIVehicleEF	MH	8.2200e-004	1.9600e-004

tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.7260e-003	0.17
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	1.2500e-004
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.7260e-003	0.17
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MH	3.1500e-003	2.0350e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.13
tblVehicleEF	MH	2.77	1.03
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.51
tblVehicleEF	MH	0.44	0.65
tblVehicleEF	MH	0.48	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004
tblVehicleEF	MH	0.70	0.59
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.7150e-003	0.17
tblVehicleEF	MH	0.17	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0300e-004	1.2400e-004
tblVehicleEF	MH	0.70	0.59
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.7150e-003	0.17
tblVehicleEF	MH	0.19	0.06
tblVehicleEF	MH	3.0850e-003	2.0030e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.12
tblVehicleEF	MH	3.00	1.12
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.66
tblVehicleEF	MH	0.47	0.69
tblVehicleEF	MH	0.50	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004
tblVehicleEF	MH	0.35	0.29
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.17	0.14
tblVehicleEF	MH	0.01	0.02

tblVehicleEF	MH	2.9270e-003	0.18
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	1.2500e-004
tblVehicleEF	MH	0.35	0.29
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.17	0.14
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.9270e-003	0.18
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MHD	0.02	2.9730e-003
tblVehicleEF	MHD	1.5750e-003	4.9600e-004
tblVehicleEF	MHD	0.03	5.8120e-003
tblVehicleEF	MHD	0.29	0.32
tblVehicleEF	MHD	0.16	0.08
tblVehicleEF	MHD	2.26	0.44
tblVehicleEF	MHD	153.75	46.82
tblVehicleEF	MHD	1,078.59	773.61
tblVehicleEF	MHD	47.29	5.46
tblVehicleEF	MHD	0.40	0.25
tblVehicleEF	MHD	0.53	0.98
tblVehicleEF	MHD	11.96	1.84
tblVehicleEF	MHD	3.0000e-005	6.3000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
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tblVehicleEF	MHD	2.9000e-005	6.0000e-005
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tblVehicleEF	MHD	6.7900e-004	2.9800e-004
tblVehicleEF	MHD	0.02	9.7430e-003

tbIVehicleEF	MHD	0.02	0.01
tbIVehicleEF	MHD	4.2500e-004	1.8700e-004
tbIVehicleEF	MHD	0.03	7.2500e-003
tbIVehicleEF	MHD	8.9470e-003	0.05
tbIVehicleEF	MHD	0.15	0.03
tbIVehicleEF	MHD	1.4770e-003	4.4400e-004
tbIVehicleEF	MHD	0.01	7.3750e-003
tbIVehicleEF	MHD	5.1300e-004	5.4000e-005
tbIVehicleEF	MHD	6.7900e-004	2.9800e-004
tbIVehicleEF	MHD	0.02	9.7430e-003
tbIVehicleEF	MHD	0.03	0.02
tbIVehicleEF	MHD	4.2500e-004	1.8700e-004
tbIVehicleEF	MHD	0.03	8.4700e-003
tbIVehicleEF	MHD	8.9470e-003	0.05
tbIVehicleEF	MHD	0.17	0.03
tbIVehicleEF	MHD	0.02	2.8360e-003
tbIVehicleEF	MHD	1.5840e-003	5.0200e-004
tbIVehicleEF	MHD	0.02	5.5560e-003
tbIVehicleEF	MHD	0.21	0.28
tbIVehicleEF	MHD	0.16	0.08
tbIVehicleEF	MHD	2.11	0.41
tbIVehicleEF	MHD	162.86	46.34
tbIVehicleEF	MHD	1,078.59	773.61
tbIVehicleEF	MHD	47.29	5.41
tbIVehicleEF	MHD	0.41	0.24
tbIVehicleEF	MHD	0.50	0.92
tbIVehicleEF	MHD	11.95	1.84
tbIVehicleEF	MHD	2.6000e-005	5.6000e-005
tbIVehicleEF	MHD	2.6280e-003	7.4750e-003
tbIVehicleEF	MHD	6.9500e-004	8.5000e-005

tblVehicleEF	MHD	2.5000e-005	5.3000e-005
tblVehicleEF	MHD	2.5110e-003	7.1470e-003
tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	1.2990e-003	5.6800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	8.9000e-004	3.8900e-004
tblVehicleEF	MHD	0.03	7.2680e-003
tblVehicleEF	MHD	8.9680e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.5630e-003	4.4000e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1000e-004	5.4000e-005
tblVehicleEF	MHD	1.2990e-003	5.6800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	8.9000e-004	3.8900e-004
tblVehicleEF	MHD	0.03	8.4970e-003
tblVehicleEF	MHD	8.9680e-003	0.05
tblVehicleEF	MHD	0.16	0.03
tblVehicleEF	MHD	0.02	3.1790e-003
tblVehicleEF	MHD	1.5760e-003	4.9600e-004
tblVehicleEF	MHD	0.03	5.7400e-003
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.16	0.08
tblVehicleEF	MHD	2.22	0.43
tblVehicleEF	MHD	141.16	47.47
tblVehicleEF	MHD	1,078.59	773.61
tblVehicleEF	MHD	47.29	5.45
tblVehicleEF	MHD	0.38	0.27

tblVehicleEF	MHD	0.52	0.96
tblVehicleEF	MHD	11.96	1.84
tblVehicleEF	MHD	3.7000e-005	7.2000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
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tblVehicleEF	MHD	3.5000e-005	6.9000e-005
tblVehicleEF	MHD	2.5110e-003	7.1470e-003
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tblVehicleEF	MHD	6.3300e-004	2.7700e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.1100e-004	1.8000e-004
tblVehicleEF	MHD	0.03	7.2520e-003
tblVehicleEF	MHD	9.7910e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.3580e-003	4.5000e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1200e-004	5.4000e-005
tblVehicleEF	MHD	6.3300e-004	2.7700e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.1100e-004	1.8000e-004
tblVehicleEF	MHD	0.03	8.4730e-003
tblVehicleEF	MHD	9.7910e-003	0.05
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	OBUS	0.01	9.0480e-003
tblVehicleEF	OBUS	2.8630e-003	1.1380e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.18	0.13

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tblVehicleEF	OBUS	63.70	61.60
tblVehicleEF	OBUS	1,099.49	1,126.05
tblVehicleEF	OBUS	67.73	14.87
tblVehicleEF	OBUS	0.13	0.28
tblVehicleEF	OBUS	0.31	0.92
tblVehicleEF	OBUS	1.58	0.83
tblVehicleEF	OBUS	1.1000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0010e-003	6.6340e-003
tblVehicleEF	OBUS	1.0960e-003	2.3300e-004
tblVehicleEF	OBUS	1.1000e-005	9.1000e-005
tblVehicleEF	OBUS	1.8890e-003	6.3250e-003
tblVehicleEF	OBUS	1.0080e-003	2.1400e-004
tblVehicleEF	OBUS	1.7850e-003	1.8400e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.4700e-004	8.8800e-004
tblVehicleEF	OBUS	0.02	8.2420e-003
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.25	0.08
tblVehicleEF	OBUS	6.2000e-004	5.8700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.4200e-004	1.4700e-004
tblVehicleEF	OBUS	1.7850e-003	1.8400e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.4700e-004	8.8800e-004
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.27	0.09

tbIVehicleEF	OBUS	0.01	9.1370e-003
tbIVehicleEF	OBUS	2.9230e-003	1.1660e-003
tbIVehicleEF	OBUS	0.02	0.02
tbIVehicleEF	OBUS	0.24	0.54
tbIVehicleEF	OBUS	0.18	0.13
tbIVehicleEF	OBUS	3.41	1.20
tbIVehicleEF	OBUS	66.50	60.92
tbIVehicleEF	OBUS	1,099.49	1,126.06
tbIVehicleEF	OBUS	67.73	14.69
tbIVehicleEF	OBUS	0.13	0.27
tbIVehicleEF	OBUS	0.29	0.85
tbIVehicleEF	OBUS	1.55	0.82
tbIVehicleEF	OBUS	1.0000e-005	8.5000e-005
tbIVehicleEF	OBUS	2.0010e-003	6.6340e-003
tbIVehicleEF	OBUS	1.0960e-003	2.3300e-004
tbIVehicleEF	OBUS	9.0000e-006	8.1000e-005
tbIVehicleEF	OBUS	1.8890e-003	6.3250e-003
tbIVehicleEF	OBUS	1.0080e-003	2.1400e-004
tbIVehicleEF	OBUS	3.4090e-003	3.4870e-003
tbIVehicleEF	OBUS	0.02	0.02
tbIVehicleEF	OBUS	0.03	0.05
tbIVehicleEF	OBUS	1.8280e-003	1.8700e-003
tbIVehicleEF	OBUS	0.02	8.3270e-003
tbIVehicleEF	OBUS	0.05	0.21
tbIVehicleEF	OBUS	0.23	0.08
tbIVehicleEF	OBUS	6.4700e-004	5.8100e-004
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	7.3700e-004	1.4500e-004
tbIVehicleEF	OBUS	3.4090e-003	3.4870e-003
tbIVehicleEF	OBUS	0.02	0.02

tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.8280e-003	1.8700e-003
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.26	0.08
tblVehicleEF	OBUS	0.01	8.9730e-003
tblVehicleEF	OBUS	2.8700e-003	1.1410e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.55
tblVehicleEF	OBUS	0.18	0.13
tblVehicleEF	OBUS	3.68	1.29
tblVehicleEF	OBUS	59.84	62.53
tblVehicleEF	OBUS	1,099.49	1,126.05
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tblVehicleEF	OBUS	1.57	0.83
tblVehicleEF	OBUS	1.4000e-005	1.1000e-004
tblVehicleEF	OBUS	2.0010e-003	6.6340e-003
tblVehicleEF	OBUS	1.0960e-003	2.3300e-004
tblVehicleEF	OBUS	1.3000e-005	1.0500e-004
tblVehicleEF	OBUS	1.8890e-003	6.3250e-003
tblVehicleEF	OBUS	1.0080e-003	2.1400e-004
tblVehicleEF	OBUS	1.7080e-003	1.7150e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.2900e-004	8.6700e-004
tblVehicleEF	OBUS	0.02	8.2510e-003
tblVehicleEF	OBUS	0.05	0.22
tblVehicleEF	OBUS	0.25	0.08

tblVehicleEF	OBUS	5.8300e-004	5.9600e-004
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tblVehicleEF	OBUS	7.4200e-004	1.4700e-004
tblVehicleEF	OBUS	1.7080e-003	1.7150e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	8.2900e-004	8.6700e-004
tblVehicleEF	OBUS	0.02	0.01
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tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.4940e-003	1.1460e-003
tblVehicleEF	SBUS	0.05	5.9990e-003
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tblVehicleEF	SBUS	1,041.59	264.71
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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.6000e-004	2.8300e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005

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tblVehicleEF	SBUS	1.4100e-004	2.6300e-004

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tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.3500e-004	2.5200e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005
tblVehicleEF	SBUS	9.1300e-003	2.9130e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	4.8940e-003	1.5610e-003
tblVehicleEF	SBUS	0.04	9.9490e-003
tblVehicleEF	SBUS	0.01	0.06
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tblVehicleEF	SBUS	0.01	2.4990e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
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tblVehicleEF	SBUS	9.1300e-003	2.9130e-003
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tblVehicleEF	SBUS	1.32	0.48
tblVehicleEF	SBUS	4.8940e-003	1.5610e-003
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tblVehicleEF	SBUS	0.26	0.03
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.4960e-003	1.1470e-003
tblVehicleEF	SBUS	0.05	6.0700e-003
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tblVehicleEF	SBUS	5.35	0.68

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tblVehicleEF	SBUS	12.25	1.95
tblVehicleEF	SBUS	2.0400e-004	3.4200e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.9500e-004	3.2700e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005
tblVehicleEF	SBUS	4.5130e-003	1.4240e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	2.2490e-003	7.2700e-004
tblVehicleEF	SBUS	0.04	9.8350e-003
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	9.5830e-003	2.5680e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	6.0300e-004	4.3000e-005
tblVehicleEF	SBUS	4.5130e-003	1.4240e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.32	0.47
tblVehicleEF	SBUS	2.2490e-003	7.2700e-004
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.02	0.08

tblVehicleEF	SBUS	0.33	0.04
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	3.89	32.93
tblVehicleEF	UBUS	7.80	1.43
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	14.28
tblVehicleEF	UBUS	0.44	0.41
tblVehicleEF	UBUS	11.66	0.28
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	4.8450e-003	1.5660e-003
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.0640e-003	9.3600e-004
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.75	0.07
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.6140e-003	1.4100e-004
tblVehicleEF	UBUS	4.8450e-003	1.5660e-003
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.0640e-003	9.3600e-004
tblVehicleEF	UBUS	0.81	4.32
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.82	0.08
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	3.90	32.93
tblVehicleEF	UBUS	6.46	1.18
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	13.85
tblVehicleEF	UBUS	0.40	0.40
tblVehicleEF	UBUS	11.59	0.26
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	8.9640e-003	2.9660e-003
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.6200e-003	2.0890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.67	0.06
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.5910e-003	1.3700e-004
tblVehicleEF	UBUS	8.9640e-003	2.9660e-003
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.6200e-003	2.0890e-003
tblVehicleEF	UBUS	0.82	4.32
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.74	0.07
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	3.89	32.93
tblVehicleEF	UBUS	7.58	1.40
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	14.22
tblVehicleEF	UBUS	0.43	0.41
tblVehicleEF	UBUS	11.65	0.27
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	4.5770e-003	1.5720e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	2.9830e-003	9.1600e-004
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.08
tblVehicleEF	UBUS	0.74	0.07
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.6110e-003	1.4100e-004
tblVehicleEF	UBUS	4.5770e-003	1.5720e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	2.9830e-003	9.1600e-004
tblVehicleEF	UBUS	0.81	4.32
tblVehicleEF	UBUS	0.02	0.08

tblVehicleEF	UBUS	0.81	0.07
tblVehicleTrips	ST_TR	204.47	76.44
tblVehicleTrips	ST_TR	696.00	173.15
tblVehicleTrips	ST_TR	1.50	1.84
tblVehicleTrips	ST_TR	1.32	5.12
tblVehicleTrips	ST_TR	2.46	9.74
tblVehicleTrips	ST_TR	158.37	56.08
tblVehicleTrips	ST_TR	1.49	3.93
tblVehicleTrips	ST_TR	49.97	25.54
tblVehicleTrips	ST_TR	1.68	1.73
tblVehicleTrips	SU_TR	166.88	76.44
tblVehicleTrips	SU_TR	500.00	173.15
tblVehicleTrips	SU_TR	1.50	1.84
tblVehicleTrips	SU_TR	0.68	5.12
tblVehicleTrips	SU_TR	1.05	9.74
tblVehicleTrips	SU_TR	131.84	56.08
tblVehicleTrips	SU_TR	0.62	3.93
tblVehicleTrips	SU_TR	25.24	25.54
tblVehicleTrips	SU_TR	1.68	1.73
tblVehicleTrips	WD_TR	542.60	76.44
tblVehicleTrips	WD_TR	716.00	173.15
tblVehicleTrips	WD_TR	1.50	1.84
tblVehicleTrips	WD_TR	6.97	5.12
tblVehicleTrips	WD_TR	11.03	9.74
tblVehicleTrips	WD_TR	127.15	56.08
tblVehicleTrips	WD_TR	3.82	3.93
tblVehicleTrips	WD_TR	42.70	25.54
tblVehicleTrips	WD_TR	1.68	1.73

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					
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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

	ROG	NOx	CO	SO2	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					
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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	lb/day										lb/day						
Area	619.0131	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146			6.0282
Energy	10.6055	96.4139	80.9877	0.5785		7.3275	7.3275		7.3275	7.3275		115,696.7187	115,696.7187	2.2175	2.1211		116,384.2464
Mobile	69.9726	293.8466	833.8682	3.1007	419.2379	2.5639	421.8018	111.8841	2.4296	114.3137		321,058.0179	321,058.0179	13.2951			321,390.3962
Total	699.5912	390.2841	917.4812	3.6794	419.2379	9.9006	429.1385	111.8841	9.7664	121.6505		436,760.4001	436,760.4001	15.5272	2.1211		437,780.6709

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	586.1907	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146			6.0282
Energy	8.9627	81.4793	68.4426	0.4889		6.1924	6.1924		6.1924	6.1924		97,775.1432	97,775.1432	1.8740	1.7925		98,356.1720
Mobile	69.9726	293.8466	833.8682	3.1007	419.2379	2.5639	421.8018	111.8841	2.4296	114.3137		321,058.0179	321,058.0179	13.2951			321,390.3962
Total	665.1260	375.3495	904.9361	3.5898	419.2379	8.7656	428.0035	111.8841	8.6314	120.5154		418,838.8246	418,838.8246	15.1837	1.7925		419,752.5965

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	4.93	3.83	1.37	2.44	0.00	11.46	0.26	0.00	11.62	0.93	0.00	4.10	4.10	2.21	15.49	4.12

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/31/2045	12/31/2045	5	0	
2	Site Preparation	Site Preparation	12/31/2045	12/31/2045	5	0	
3	Grading	Grading	12/31/2045	12/31/2045	5	0	
4	Building Construction	Building Construction	12/31/2045	12/31/2045	5	0	
5	Paving	Paving	12/31/2045	12/31/2045	5	0	
6	Architectural Coating	Architectural Coating	12/31/2045	12/31/2045	5	0	

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: 38,770,668; Non-Residential Outdoor: 12,923,556; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	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

Mitigated Construction Off-Site

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

3.4 Grading - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.7 Architectural Coating - 2045

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	lb/day										lb/day					
Mitigated	69.9726	293.8466	833.8682	3.1007	419.2379	2.5639	421.8018	111.8841	2.4296	114.3137	321,058.0179	321,058.0179	13.2951	79		321,390.3962

General Light Industry	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
High Turnover (Sit Down Restaurant)	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Manufacturing	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
Regional Shopping Center	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Pail	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.9627	81.4793	68.4426	0.4889		6.1924	6.1924		6.1924	6.1924		97,775.1432	97,775.1432	1.8740	1.7925	98,356.1720
NaturalGas Unmitigated	10.6055	96.4139	80.9877	0.5785		7.3275	7.3275		7.3275	7.3275		115,696.7187	115,696.7187	2.2175	2.1211	116,384.2464

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
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Land Use	kBTU/yr	lb/day								lb/day				
Convenience Market With Gas	30.9115	3.3000e-004	3.0300e-003	2.5500e-003	2.0000e-005	2.3000e-004	2.3000e-004	2.3000e-004	2.3000e-004	3.6367	3.6367	7.0000e-005	7.0000e-005	3.6583
Fast Food Restaurant w/o Drive Thru	4869.48	0.0525	0.4774	0.4010	2.8600e-003	0.0363	0.0363	0.0363	0.0363	572.8799	572.8799	0.0110	0.0105	576.2843
General Heavy Industry	244788	2.6399	23.9988	20.1590	0.1440	1.8239	1.8239	1.8239	1.8239	28,798.5496	28,798.5496	0.5520	0.5280	28,969.6849
General Light Industry	224767	2.4240	22.0360	18.5102	0.1322	1.6747	1.6747	1.6747	1.6747	26,443.1424	26,443.1424	0.5068	0.4848	26,600.2807
General Office Building	3279.86	0.0354	0.3216	0.2701	1.9300e-003	0.0244	0.0244	0.0244	0.0244	385.8662	385.8662	7.4000e-003	7.0700e-003	388.1593
High Turnover (Sit Down Restaurant)	13484.7	0.1454	1.3220	1.1105	7.9300e-003	0.1005	0.1005	0.1005	0.1005	1,586.43677	1,586.43677	0.0304	0.0291	1,595.8641
Manufacturing	405170	4.3695	39.7225	33.3669	0.2383	3.0189	3.0189	3.0189	3.0189	47,667.0451	47,667.0451	0.9136	0.8739	47,950.3065
Regional Shopping Center	200.712	2.1600e-003	0.0197	0.0165	1.2000e-004	1.5000e-003	1.5000e-003	1.5000e-003	1.5000e-003	23.6132	23.6132	4.5000e-004	4.3000e-004	23.7535
Unrefrigerated Warehouse-No Drive Thru	86832.2	0.9364	8.5130	7.1509	0.0511	0.6470	0.6470	0.6470	0.6470	10,215.5489	10,215.5489	0.1958	0.1873	10,276.2548
Total		10.6055	96.4139	80.9877	0.5785	7.3275	7.3275	7.3275	7.3275	115,696.7187	115,696.7187	2.2175	2.1211	116,384.2464

Mitigated

Land Use	Natural Gas Use	kBTU/yr	lb/day								lb/day					
			ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4
Convenience Market With Gas	0.0228912	2.5000e-004	2.2400e-003	1.8900e-003	1.0000e-005	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	2.6931	2.6931	5.0000e-005	5.0000e-005	2.7091
Fast Food Restaurant w/o Drive Thru	4.45453	0.0480	0.4367	0.3668	2.6200e-003	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	524.0624	524.0624	0.0100	9.6100e-003	527.1766
General Heavy Industry	210.07	2.2655	20.5951	17.2999	0.1236	1.5652	1.5652	1.5652	1.5652	1.5652	1.5652	24,714.1015	24,714.1015	0.4737	0.4531	24,860.9651
General Light Industry	192.888	2.0802	18.9106	15.8849	0.1135	1.4372	1.4372	1.4372	1.4372	1.4372	1.4372	22,692.7576	22,692.7576	0.4349	0.4160	22,827.6094
General Office Building	2.2959	0.0248	0.2251	0.1891	1.3500e-003	0.0171	0.0171	0.0171	0.0171	0.0171	0.0171	270.1064	270.1064	5.1800e-003	4.9500e-003	271.7115
High Turnover (Sit Down Restaurant)	12.3356	0.1330	1.2094	1.0159	7.2600e-003	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	1,451.2496	1,451.2496	0.0278	0.0266	1,459.8737

Manufacturing	347.705	3.7498	34.0888	28.6346	0.2045		2.5908	2.5908		2.5908	2.5908		40,906.5113	40,906.5113	0.7840	0.7500	41,149.5982
Regional Shopping Center	0.148636	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4865	17.4865	3.4000e-004	3.2000e-004	17.5905
Unrefrigerated Warehouse-No Rail	61.1675	0.6597	5.9968	5.0373	0.0360		0.4558	0.4558		0.4558	0.4558		7,196.1748	7,196.1748	0.1379	0.1319	7,238.9381
Total		8.9627	81.4793	68.4426	0.4889		6.1924	6.1924		6.1924	6.1924		97,775.1433	97,775.1433	1.8740	1.7925	98,356.1720

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	586.1907	0.0236	2.6253	2.0000e-004	9.3100e-003	9.3100e-003	9.3100e-003	9.3100e-003	9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282
Unmitigated	619.0131	0.0236	2.6253	2.0000e-004	9.3100e-003	9.3100e-003	9.3100e-003	9.3100e-003	9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282

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	65.6446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	553.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.2402	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282
Total	619.0131	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282

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	32.8223					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	553.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.2402	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282
Total	586.1907	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan EIR - Mitigated Operational - San Bernardino-Mojave Desert County, Annual

SCLA Specific Plan EIR - Mitigated Operational
San Bernardino-Mojave Desert County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	345.00	1000sqft	799.20	345,000.00	0
General Heavy Industry	2,750.00	1000sqft	799.20	2,750,000.00	0
General Light Industry	2,525.08	1000sqft	799.20	2,525,080.00	0
Manufacturing	4,551.77	1000sqft	799.20	4,551,770.00	0
Unrefrigerated Warehouse-No Rail	15,612.68	1000sqft	797.76	15,612,680.00	0
Fast Food Restaurant w/o Drive Thru	6.50	1000sqft	0.15	6,500.00	0
High Turnover (Sit Down Restaurant)	18.00	1000sqft	0.41	18,000.00	0
Convenience Market With Gas Pumps	36.00	Pump	0.12	5,082.30	0
Regional Shopping Center	33.00	1000sqft	0.76	33,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2050
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Statewide Average with 100% reduction due to goals & regulation in SB 100 (2045 - 100% renewable energy).

Land Use - Based off the Land Use Intensities in the Michael Baker International, Southern California Logistics Airport Specific Plan Traffic Impact Analysis, April 23, 2020, and information from the Applicant
 Construction Phase - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Grading - Operational Run Only.

Architectural Coating - MDAQMD Rule 1113

Vehicle Trips - Per the traffic study the project would have 71,971 ADT.

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Area Coating - MDAQMD Rule 1113

Energy Use -

Mobile Land Use Mitigation -

Area Mitigation - MDAQMD Rule 1113

Energy Mitigation - 2019 Title 24 Requirements are 30% more efficient than model 2016 Title 24 standards.

Water Mitigation - 2019 Title 24 & CalGreen.

Waste Mitigation - AB 341 post 2020 requirement.

Fleet Mix - According to the TIA and communication with the traffic engineer, only the manufacturing, warehousing, and light industrial uses would have truck trips that 100% LPA (percentage) was assumed

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_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100

tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	50
tblConstructionPhase	NumDays	11,000.00	0.00
tblConstructionPhase	NumDays	155,000.00	0.00
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	NumDays	15,500.00	0.00
tblConstructionPhase	NumDays	11,000.00	0.00
tblConstructionPhase	NumDays	6,000.00	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.07
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.07
tblFleetMix	HHD	0.07	0.00
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tblFleetMix	LDA	0.57	1.00
tblFleetMix	LDA	0.57	1.00

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tbIFleetMix	LDA	0.57	1.00
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tbIFleetMix	LDT1	0.03	0.03
tbIFleetMix	LDT1	0.03	0.00
tbIFleetMix	LDT1	0.03	0.00
tbIFleetMix	LDT1	0.03	0.03
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tbIFleetMix	LDT2	0.18	0.19
tbIFleetMix	LDT2	0.18	0.00
tbIFleetMix	LDT2	0.18	0.00
tbIFleetMix	LDT2	0.18	0.19
tbIFleetMix	LDT2	0.18	0.00
tbIFleetMix	LDT2	0.18	0.19
tbIFleetMix	LDT2	0.18	0.00
tbIFleetMix	LDT2	0.18	0.19
tbIFleetMix	LHD1	8.5950e-003	0.00
tbIFleetMix	LHD1	8.5950e-003	0.00
tbIFleetMix	LHD1	8.5950e-003	0.00
tbIFleetMix	LHD1	8.5950e-003	8.7560e-003
tbIFleetMix	LHD1	8.5950e-003	0.00
tbIFleetMix	LHD1	8.5950e-003	0.00
tbIFleetMix	LHD1	8.5950e-003	8.7560e-003
tbIFleetMix	LHD1	8.5950e-003	0.00
tbIFleetMix	LHD1	8.5950e-003	8.7560e-003

tbIFleetMix	LHD2	4.0480e-003	0.00
tbIFleetMix	LHD2	4.0480e-003	0.00
tbIFleetMix	LHD2	4.0480e-003	0.00
tbIFleetMix	LHD2	4.0480e-003	4.0540e-003
tbIFleetMix	LHD2	4.0480e-003	0.00
tbIFleetMix	LHD2	4.0480e-003	0.00
tbIFleetMix	LHD2	4.0480e-003	4.0540e-003
tbIFleetMix	LHD2	4.0480e-003	0.00
tbIFleetMix	LHD2	4.0480e-003	4.0540e-003
tbIFleetMix	MCY	5.2680e-003	0.00
tbIFleetMix	MCY	5.2680e-003	0.00
tbIFleetMix	MCY	5.2680e-003	0.00
tbIFleetMix	MCY	5.2680e-003	5.2780e-003
tbIFleetMix	MCY	5.2680e-003	0.00
tbIFleetMix	MCY	5.2680e-003	0.00
tbIFleetMix	MCY	5.2680e-003	5.2780e-003
tbIFleetMix	MCY	5.2680e-003	0.00
tbIFleetMix	MCY	5.2680e-003	5.2780e-003
tbIFleetMix	MDV	0.10	0.00
tbIFleetMix	MDV	0.10	0.00
tbIFleetMix	MDV	0.10	0.00
tbIFleetMix	MDV	0.10	0.10
tbIFleetMix	MDV	0.10	0.00
tbIFleetMix	MDV	0.10	0.00
tbIFleetMix	MDV	0.10	0.10
tbIFleetMix	MDV	0.10	0.00
tbIFleetMix	MDV	0.10	0.10
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	0.00

tbIFleetMix	MH	5.0700e-004	5.1200e-004
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	5.1200e-004
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	5.1200e-004
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.02
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.02
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.02
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	1.3890e-003
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	1.3890e-003
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	1.3890e-003
tbIFleetMix	SBUS	7.0100e-004	0.00
tbIFleetMix	SBUS	7.0100e-004	0.00
tbIFleetMix	SBUS	7.0100e-004	0.00
tbIFleetMix	SBUS	7.0100e-004	7.1900e-004
tbIFleetMix	SBUS	7.0100e-004	0.00
tbIFleetMix	SBUS	7.0100e-004	0.00

tblFleetMix	SBUS	7.0100e-004	7.1900e-004
tblFleetMix	SBUS	7.0100e-004	0.00
tblFleetMix	SBUS	7.0100e-004	7.1900e-004
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	1.2680e-003
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	1.2680e-003
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	1.2680e-003
tblLandUse	LandUseSquareFeet	15,612,700.00	15,612,680.00
tblLandUse	LotAcreage	7.92	799.20
tblLandUse	LotAcreage	63.13	799.20
tblLandUse	LotAcreage	57.97	799.20
tblLandUse	LotAcreage	104.49	799.20
tblLandUse	LotAcreage	358.42	797.76
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	1001.57	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleEF	HHD	0.83	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.11	8.88
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.64	2.2740e-003
tblVehicleEF	HHD	6,274.34	1,131.00
tblVehicleEF	HHD	1,396.15	957.24
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	17.41	7.10
tblVehicleEF	HHD	1.08	1.93
tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	1.7080e-003	2.5610e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.6340e-003	2.4500e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003

tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	6.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.0270e-003	3.0000e-005
tblVehicleEF	HHD	0.56	0.60
tblVehicleEF	HHD	3.9000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.3800e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.6000e-005	0.00
tblVehicleEF	HHD	6.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.0270e-003	3.0000e-005
tblVehicleEF	HHD	0.65	0.68
tblVehicleEF	HHD	3.9000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.3800e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.78	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.53	8.76
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.53	2.1260e-003
tblVehicleEF	HHD	6,647.11	1,116.18
tblVehicleEF	HHD	1,396.15	957.25
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	17.97	6.75
tblVehicleEF	HHD	1.02	1.82

tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	1.4400e-003	2.2760e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.3780e-003	2.1770e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003
tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	2.2440e-003	3.3000e-005
tblVehicleEF	HHD	0.53	0.63
tblVehicleEF	HHD	8.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.3900e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.4000e-005	0.00
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	2.2440e-003	3.3000e-005
tblVehicleEF	HHD	0.61	0.72
tblVehicleEF	HHD	8.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.3900e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.91	9.03
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.61	2.2370e-003
tblVehicleEF	HHD	5,759.57	1,151.45
tblVehicleEF	HHD	1,396.15	957.24
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	16.63	7.59
tblVehicleEF	HHD	1.07	1.90
tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	2.0790e-003	2.9560e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.9890e-003	2.8280e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003
tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	5.7000e-005	1.0000e-006
tblVehicleEF	HHD	2.1340e-003	3.1000e-005
tblVehicleEF	HHD	0.61	0.55
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.5100e-004	1.6100e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.5000e-005	0.00

tblVehicleEF	HHD	5.7000e-005	1.0000e-006
tblVehicleEF	HHD	2.1340e-003	3.1000e-005
tblVehicleEF	HHD	0.70	0.63
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.5100e-004	1.6100e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	LDA	1.2210e-003	5.8400e-004
tblVehicleEF	LDA	4.7700e-004	0.02
tblVehicleEF	LDA	0.24	0.36
tblVehicleEF	LDA	0.30	1.26
tblVehicleEF	LDA	162.22	182.70
tblVehicleEF	LDA	34.63	35.74
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.01	0.11
tblVehicleEF	LDA	5.5000e-004	4.7100e-004
tblVehicleEF	LDA	7.9200e-004	6.0900e-004
tblVehicleEF	LDA	5.0600e-004	4.3300e-004
tblVehicleEF	LDA	7.2800e-004	5.6000e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	9.2080e-003	0.01
tblVehicleEF	LDA	3.0650e-003	1.6070e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	6.4280e-003	0.06
tblVehicleEF	LDA	1.6220e-003	1.8070e-003
tblVehicleEF	LDA	3.5000e-004	3.5400e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	9.2080e-003	0.01

tblVehicleEF	LDA	4.4570e-003	2.3290e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	7.0380e-003	0.06
tblVehicleEF	LDA	1.3920e-003	6.7400e-004
tblVehicleEF	LDA	3.9800e-004	0.01
tblVehicleEF	LDA	0.30	0.45
tblVehicleEF	LDA	0.25	1.07
tblVehicleEF	LDA	177.52	199.49
tblVehicleEF	LDA	34.63	35.40
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	9.5520e-003	0.10
tblVehicleEF	LDA	5.5000e-004	4.7100e-004
tblVehicleEF	LDA	7.9200e-004	6.0900e-004
tblVehicleEF	LDA	5.0600e-004	4.3300e-004
tblVehicleEF	LDA	7.2800e-004	5.6000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	3.4880e-003	1.8230e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	5.3660e-003	0.05
tblVehicleEF	LDA	1.7760e-003	1.9730e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.0740e-003	2.6450e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	5.8750e-003	0.05
tblVehicleEF	LDA	1.1890e-003	5.7000e-004
tblVehicleEF	LDA	4.7500e-004	0.02

tblVehicleEF	LDA	0.23	0.34
tblVehicleEF	LDA	0.29	1.24
tblVehicleEF	LDA	158.60	178.76
tblVehicleEF	LDA	34.63	35.71
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.01	0.11
tblVehicleEF	LDA	5.5000e-004	4.7100e-004
tblVehicleEF	LDA	7.9200e-004	6.0900e-004
tblVehicleEF	LDA	5.0600e-004	4.3300e-004
tblVehicleEF	LDA	7.2800e-004	5.6000e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	8.5160e-003	0.01
tblVehicleEF	LDA	2.9850e-003	1.5670e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	6.4050e-003	0.06
tblVehicleEF	LDA	1.5860e-003	1.7680e-003
tblVehicleEF	LDA	3.5000e-004	3.5300e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	8.5160e-003	0.01
tblVehicleEF	LDA	4.3410e-003	2.2700e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	7.0130e-003	0.06
tblVehicleEF	LDT1	1.6300e-003	6.2400e-004
tblVehicleEF	LDT1	6.5800e-004	0.02
tblVehicleEF	LDT1	0.31	0.38
tblVehicleEF	LDT1	0.38	1.33
tblVehicleEF	LDT1	204.30	214.32
tblVehicleEF	LDT1	44.26	42.86

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004
tblVehicleEF	LDT1	6.2200e-004	4.6000e-004
tblVehicleEF	LDT1	9.1100e-004	6.1500e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	4.0420e-003	1.7040e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	8.8770e-003	0.06
tblVehicleEF	LDT1	2.0440e-003	2.1210e-003
tblVehicleEF	LDT1	4.4800e-004	4.2400e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	5.8960e-003	2.4850e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	9.7190e-003	0.07
tblVehicleEF	LDT1	1.8530e-003	7.1900e-004
tblVehicleEF	LDT1	5.5000e-004	0.02
tblVehicleEF	LDT1	0.38	0.46
tblVehicleEF	LDT1	0.31	1.12
tblVehicleEF	LDT1	223.10	231.16
tblVehicleEF	LDT1	44.26	42.50
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.11
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004

tblVehicleEF	LDT1	6.2200e-004	4.6000e-004
tblVehicleEF	LDT1	9.1100e-004	6.1500e-004
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	4.5930e-003	1.9360e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	7.4160e-003	0.05
tblVehicleEF	LDT1	2.2330e-003	2.2880e-003
tblVehicleEF	LDT1	4.4700e-004	4.2100e-004
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	6.7000e-003	2.8240e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	8.1200e-003	0.06
tblVehicleEF	LDT1	1.5890e-003	6.0900e-004
tblVehicleEF	LDT1	6.5600e-004	0.02
tblVehicleEF	LDT1	0.29	0.36
tblVehicleEF	LDT1	0.37	1.31
tblVehicleEF	LDT1	199.87	210.33
tblVehicleEF	LDT1	44.26	42.82
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004
tblVehicleEF	LDT1	6.2200e-004	4.6000e-004
tblVehicleEF	LDT1	9.1100e-004	6.1500e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.05

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	3.9390e-003	1.6600e-003
tblVehicleEF	LDT1	0.04	0.20
tblVehicleEF	LDT1	8.8500e-003	0.06
tblVehicleEF	LDT1	2.0000e-003	2.0810e-003
tblVehicleEF	LDT1	4.4800e-004	4.2400e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	5.7450e-003	2.4220e-003
tblVehicleEF	LDT1	0.04	0.20
tblVehicleEF	LDT1	9.6900e-003	0.07
tblVehicleEF	LDT2	1.8520e-003	8.0800e-004
tblVehicleEF	LDT2	9.4600e-004	0.02
tblVehicleEF	LDT2	0.38	0.43
tblVehicleEF	LDT2	0.46	1.70
tblVehicleEF	LDT2	237.56	213.49
tblVehicleEF	LDT2	51.25	42.77
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	6.6300e-004	5.2800e-004
tblVehicleEF	LDT2	9.5100e-004	6.3500e-004
tblVehicleEF	LDT2	6.1000e-004	4.8700e-004
tblVehicleEF	LDT2	8.7400e-004	5.8400e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	4.6110e-003	2.4080e-003
tblVehicleEF	LDT2	0.03	0.16
tblVehicleEF	LDT2	0.01	0.08

tblVehicleEF	LDT2	2.3770e-003	2.1120e-003
tblVehicleEF	LDT2	5.1900e-004	4.2300e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	6.7180e-003	3.4670e-003
tblVehicleEF	LDT2	0.03	0.16
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.1050e-003	9.3000e-004
tblVehicleEF	LDT2	8.5200e-004	0.02
tblVehicleEF	LDT2	0.46	0.53
tblVehicleEF	LDT2	0.42	1.43
tblVehicleEF	LDT2	259.40	228.68
tblVehicleEF	LDT2	51.25	42.29
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	6.6300e-004	5.2800e-004
tblVehicleEF	LDT2	9.5100e-004	6.3500e-004
tblVehicleEF	LDT2	6.1000e-004	4.8700e-004
tblVehicleEF	LDT2	8.7400e-004	5.8400e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	5.2360e-003	2.7170e-003
tblVehicleEF	LDT2	0.03	0.16
tblVehicleEF	LDT2	0.01	0.07
tblVehicleEF	LDT2	2.5970e-003	2.2620e-003
tblVehicleEF	LDT2	5.1800e-004	4.1800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.04	0.05

tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	7.6310e-003	3.9180e-003
tblVehicleEF	LDT2	0.03	0.16
tblVehicleEF	LDT2	0.01	0.08
tblVehicleEF	LDT2	1.8040e-003	7.8800e-004
tblVehicleEF	LDT2	9.4400e-004	0.02
tblVehicleEF	LDT2	0.36	0.41
tblVehicleEF	LDT2	0.46	1.68
tblVehicleEF	LDT2	232.43	209.90
tblVehicleEF	LDT2	51.25	42.73
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	6.6300e-004	5.2800e-004
tblVehicleEF	LDT2	9.5100e-004	6.3500e-004
tblVehicleEF	LDT2	6.1000e-004	4.8700e-004
tblVehicleEF	LDT2	8.7400e-004	5.8400e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	4.4930e-003	2.3500e-003
tblVehicleEF	LDT2	0.03	0.19
tblVehicleEF	LDT2	0.01	0.08
tblVehicleEF	LDT2	2.3260e-003	2.0760e-003
tblVehicleEF	LDT2	5.1900e-004	4.2300e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	6.5470e-003	3.3820e-003
tblVehicleEF	LDT2	0.03	0.19
tblVehicleEF	LDT2	0.01	0.09

tblVehicleEF	LHD1	2.3700e-003	3.1740e-003
tblVehicleEF	LHD1	1.4740e-003	1.2820e-003
tblVehicleEF	LHD1	2.4440e-003	4.6000e-003
tblVehicleEF	LHD1	0.12	0.17
tblVehicleEF	LHD1	0.15	0.13
tblVehicleEF	LHD1	0.92	0.71
tblVehicleEF	LHD1	8.77	7.34
tblVehicleEF	LHD1	529.63	507.43
tblVehicleEF	LHD1	20.81	8.07
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.06	0.08
tblVehicleEF	LHD1	0.23	0.17
tblVehicleEF	LHD1	5.9400e-004	1.0370e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	3.7090e-003	3.0240e-003
tblVehicleEF	LHD1	4.3300e-004	1.7200e-004
tblVehicleEF	LHD1	5.6800e-004	9.9200e-004
tblVehicleEF	LHD1	2.6620e-003	2.5100e-003
tblVehicleEF	LHD1	3.5340e-003	2.8720e-003
tblVehicleEF	LHD1	3.9800e-004	1.5800e-004
tblVehicleEF	LHD1	8.8800e-004	1.1440e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.6300e-004	7.2100e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.05	0.14
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	8.6000e-005	7.1000e-005
tblVehicleEF	LHD1	5.1590e-003	4.9370e-003
tblVehicleEF	LHD1	2.2300e-004	8.0000e-005

tblVehicleEF	LHD1	8.8800e-004	1.1440e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.6300e-004	7.2100e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.14
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	2.3700e-003	3.1830e-003
tblVehicleEF	LHD1	1.4850e-003	1.2960e-003
tblVehicleEF	LHD1	2.3260e-003	4.3920e-003
tblVehicleEF	LHD1	0.12	0.17
tblVehicleEF	LHD1	0.15	0.13
tblVehicleEF	LHD1	0.87	0.67
tblVehicleEF	LHD1	8.77	7.34
tblVehicleEF	LHD1	529.63	507.43
tblVehicleEF	LHD1	20.81	8.00
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.22	0.16
tblVehicleEF	LHD1	5.9400e-004	1.0370e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	3.7090e-003	3.0240e-003
tblVehicleEF	LHD1	4.3300e-004	1.7200e-004
tblVehicleEF	LHD1	5.6800e-004	9.9200e-004
tblVehicleEF	LHD1	2.6620e-003	2.5100e-003
tblVehicleEF	LHD1	3.5340e-003	2.8720e-003
tblVehicleEF	LHD1	3.9800e-004	1.5800e-004
tblVehicleEF	LHD1	1.6870e-003	2.1770e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01

tblVehicleEF	LHD1	1.1580e-003	1.4920e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.05	0.14
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	8.6000e-005	7.1000e-005
tblVehicleEF	LHD1	5.1590e-003	4.9370e-003
tblVehicleEF	LHD1	2.2200e-004	7.9000e-005
tblVehicleEF	LHD1	1.6870e-003	2.1770e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.1580e-003	1.4920e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.14
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.3700e-003	3.1760e-003
tblVehicleEF	LHD1	1.4760e-003	1.2840e-003
tblVehicleEF	LHD1	2.4240e-003	4.5650e-003
tblVehicleEF	LHD1	0.12	0.17
tblVehicleEF	LHD1	0.15	0.13
tblVehicleEF	LHD1	0.91	0.71
tblVehicleEF	LHD1	8.77	7.34
tblVehicleEF	LHD1	529.63	507.43
tblVehicleEF	LHD1	20.81	8.05
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.06	0.08
tblVehicleEF	LHD1	0.23	0.16
tblVehicleEF	LHD1	5.9400e-004	1.0370e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	3.7090e-003	3.0240e-003
tblVehicleEF	LHD1	4.3300e-004	1.7200e-004

tblVehicleEF	LHD1	5.6800e-004	9.9200e-004
tblVehicleEF	LHD1	2.6620e-003	2.5100e-003
tblVehicleEF	LHD1	3.5340e-003	2.8720e-003
tblVehicleEF	LHD1	3.9800e-004	1.5800e-004
tblVehicleEF	LHD1	8.1600e-004	1.0590e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.4400e-004	6.9800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.05	0.15
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	8.6000e-005	7.1000e-005
tblVehicleEF	LHD1	5.1590e-003	4.9370e-003
tblVehicleEF	LHD1	2.2300e-004	8.0000e-005
tblVehicleEF	LHD1	8.1600e-004	1.0590e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.4400e-004	6.9800e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.15
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD2	2.0550e-003	1.9790e-003
tblVehicleEF	LHD2	1.8190e-003	2.5960e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.80	0.41
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.25
tblVehicleEF	LHD2	0.04	0.05

tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	5.9400e-004	6.6600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6900e-004	4.2000e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2200e-004	5.2000e-005
tblVehicleEF	LHD2	5.9400e-004	6.6600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6900e-004	4.2000e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0550e-003	1.9840e-003
tblVehicleEF	LHD2	1.4530e-003	1.4520e-003
tblVehicleEF	LHD2	1.8170e-003	2.4780e-003

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tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.76	0.38
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.21
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	1.1370e-003	1.2660e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.7700e-004	8.6800e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.02	9.9950e-003
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2100e-004	5.2000e-005
tblVehicleEF	LHD2	1.1370e-003	1.2660e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	7.7700e-004	8.6800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0550e-003	1.9800e-003
tblVehicleEF	LHD2	1.8190e-003	2.5760e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.79	0.40
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.24
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	5.6000e-004	6.1500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.5700e-004	4.0700e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.02	0.01

tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2200e-004	5.2000e-005
tblVehicleEF	LHD2	5.6000e-004	6.1500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.5700e-004	4.0700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.23	17.23
tblVehicleEF	MCY	10.21	9.09
tblVehicleEF	MCY	172.59	209.98
tblVehicleEF	MCY	40.72	56.78
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	1.42	1.42
tblVehicleEF	MCY	0.71	0.72
tblVehicleEF	MCY	0.74	0.74
tblVehicleEF	MCY	2.08	2.08
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.98	1.76
tblVehicleEF	MCY	2.0700e-003	2.0780e-003
tblVehicleEF	MCY	6.3200e-004	5.6200e-004

tblVehicleEF	MCY	1.42	1.42
tblVehicleEF	MCY	0.71	0.72
tblVehicleEF	MCY	0.74	0.74
tblVehicleEF	MCY	2.61	2.61
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	2.16	1.92
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.39	17.39
tblVehicleEF	MCY	9.03	8.01
tblVehicleEF	MCY	172.59	210.12
tblVehicleEF	MCY	40.72	54.30
tblVehicleEF	MCY	0.96	0.96
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	3.03	3.05
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	1.95	1.97
tblVehicleEF	MCY	2.05	2.05
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.74	1.54
tblVehicleEF	MCY	2.0710e-003	2.0790e-003
tblVehicleEF	MCY	6.0500e-004	5.3700e-004
tblVehicleEF	MCY	3.03	3.05
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	1.95	1.97
tblVehicleEF	MCY	2.58	2.57

tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.89	1.68
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	16.57	16.57
tblVehicleEF	MCY	9.90	8.79
tblVehicleEF	MCY	172.59	208.84
tblVehicleEF	MCY	40.72	56.14
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	1.64	1.65
tblVehicleEF	MCY	0.93	0.94
tblVehicleEF	MCY	0.65	0.66
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	0.40	1.45
tblVehicleEF	MCY	1.94	1.71
tblVehicleEF	MCY	2.0590e-003	2.0670e-003
tblVehicleEF	MCY	6.2600e-004	5.5600e-004
tblVehicleEF	MCY	1.64	1.65
tblVehicleEF	MCY	0.93	0.94
tblVehicleEF	MCY	0.65	0.66
tblVehicleEF	MCY	2.58	2.58
tblVehicleEF	MCY	0.40	1.45
tblVehicleEF	MCY	2.11	1.87
tblVehicleEF	MDV	2.0300e-003	8.0100e-004
tblVehicleEF	MDV	1.1120e-003	0.02

tblVehicleEF	MDV	0.41	0.42
tblVehicleEF	MDV	0.52	1.66
tblVehicleEF	MDV	308.49	257.45
tblVehicleEF	MDV	65.25	50.34
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.02	0.12
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004
tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	5.1430e-003	2.4100e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	3.0820e-003	2.5440e-003
tblVehicleEF	MDV	6.6000e-004	4.9800e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	7.4620e-003	3.4640e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	2.3040e-003	9.2200e-004
tblVehicleEF	MDV	9.9100e-004	0.02
tblVehicleEF	MDV	0.50	0.52
tblVehicleEF	MDV	0.47	1.39
tblVehicleEF	MDV	335.87	272.21
tblVehicleEF	MDV	65.25	49.87

tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004
tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	5.8210e-003	2.7160e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	3.3570e-003	2.6900e-003
tblVehicleEF	MDV	6.5900e-004	4.9300e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	8.4510e-003	3.9120e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.9790e-003	7.8200e-004
tblVehicleEF	MDV	1.1100e-003	0.02
tblVehicleEF	MDV	0.39	0.40
tblVehicleEF	MDV	0.52	1.63
tblVehicleEF	MDV	302.11	253.97
tblVehicleEF	MDV	65.25	50.29
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004

tblVehicleEF	MDV	6.3200e-004	4.6300e-004
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tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	5.0170e-003	2.3530e-003
tblVehicleEF	MDV	0.04	0.19
tblVehicleEF	MDV	0.01	0.08
tblVehicleEF	MDV	3.0180e-003	2.5090e-003
tblVehicleEF	MDV	6.6000e-004	4.9800e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	7.2770e-003	3.3810e-003
tblVehicleEF	MDV	0.04	0.19
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MH	3.0780e-003	1.9990e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.12
tblVehicleEF	MH	3.02	1.12
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.67
tblVehicleEF	MH	0.48	0.71
tblVehicleEF	MH	0.50	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004

tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.7260e-003	0.17
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	1.2500e-004
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.7260e-003	0.17
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MH	3.1500e-003	2.0350e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.13
tblVehicleEF	MH	2.77	1.03
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.51
tblVehicleEF	MH	0.44	0.65
tblVehicleEF	MH	0.48	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004
tblVehicleEF	MH	0.70	0.59
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.7150e-003	0.17
tblVehicleEF	MH	0.17	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0300e-004	1.2400e-004
tblVehicleEF	MH	0.70	0.59
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.7150e-003	0.17
tblVehicleEF	MH	0.19	0.06
tblVehicleEF	MH	3.0850e-003	2.0030e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.12
tblVehicleEF	MH	3.00	1.12
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.66
tblVehicleEF	MH	0.47	0.69
tblVehicleEF	MH	0.50	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004
tblVehicleEF	MH	0.35	0.29
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.17	0.14
tblVehicleEF	MH	0.01	0.02

tblVehicleEF	MH	2.9270e-003	0.18
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	1.2500e-004
tblVehicleEF	MH	0.35	0.29
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.17	0.14
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.9270e-003	0.18
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MHD	0.02	2.9730e-003
tblVehicleEF	MHD	1.5750e-003	4.9600e-004
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tblVehicleEF	MHD	3.0000e-005	6.3000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
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tblVehicleEF	MHD	0.02	9.7430e-003

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tblVehicleEF	MHD	4.2500e-004	1.8700e-004
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tblVehicleEF	MHD	8.9470e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.4770e-003	4.4400e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1300e-004	5.4000e-005
tblVehicleEF	MHD	6.7900e-004	2.9800e-004
tblVehicleEF	MHD	0.02	9.7430e-003
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.2500e-004	1.8700e-004
tblVehicleEF	MHD	0.03	8.4700e-003
tblVehicleEF	MHD	8.9470e-003	0.05
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	MHD	0.02	2.8360e-003
tblVehicleEF	MHD	1.5840e-003	5.0200e-004
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tblVehicleEF	MHD	0.16	0.08
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tblVehicleEF	MHD	1,078.59	773.61
tblVehicleEF	MHD	47.29	5.41
tblVehicleEF	MHD	0.41	0.24
tblVehicleEF	MHD	0.50	0.92
tblVehicleEF	MHD	11.95	1.84
tblVehicleEF	MHD	2.6000e-005	5.6000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
tblVehicleEF	MHD	6.9500e-004	8.5000e-005

tblVehicleEF	MHD	2.5000e-005	5.3000e-005
tblVehicleEF	MHD	2.5110e-003	7.1470e-003
tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	1.2990e-003	5.6800e-004
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tblVehicleEF	MHD	0.02	0.01
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tblVehicleEF	MHD	8.9680e-003	0.05
tblVehicleEF	MHD	0.15	0.03
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tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1000e-004	5.4000e-005
tblVehicleEF	MHD	1.2990e-003	5.6800e-004
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	8.9000e-004	3.8900e-004
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tblVehicleEF	MHD	8.9680e-003	0.05
tblVehicleEF	MHD	0.16	0.03
tblVehicleEF	MHD	0.02	3.1790e-003
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tblVehicleEF	MHD	0.03	5.7400e-003
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tblVehicleEF	MHD	0.16	0.08
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tblVehicleEF	MHD	0.38	0.27

tblVehicleEF	MHD	0.52	0.96
tblVehicleEF	MHD	11.96	1.84
tblVehicleEF	MHD	3.7000e-005	7.2000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
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tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	6.3300e-004	2.7700e-004
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tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.1100e-004	1.8000e-004
tblVehicleEF	MHD	0.03	7.2520e-003
tblVehicleEF	MHD	9.7910e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.3580e-003	4.5000e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1200e-004	5.4000e-005
tblVehicleEF	MHD	6.3300e-004	2.7700e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.1100e-004	1.8000e-004
tblVehicleEF	MHD	0.03	8.4730e-003
tblVehicleEF	MHD	9.7910e-003	0.05
tblVehicleEF	MHD	0.17	0.03
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tblVehicleEF	OBUS	2.8630e-003	1.1380e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.18	0.13

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tblVehicleEF	OBUS	63.70	61.60
tblVehicleEF	OBUS	1,099.49	1,126.05
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tblVehicleEF	OBUS	0.13	0.28
tblVehicleEF	OBUS	0.31	0.92
tblVehicleEF	OBUS	1.58	0.83
tblVehicleEF	OBUS	1.1000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0010e-003	6.6340e-003
tblVehicleEF	OBUS	1.0960e-003	2.3300e-004
tblVehicleEF	OBUS	1.1000e-005	9.1000e-005
tblVehicleEF	OBUS	1.8890e-003	6.3250e-003
tblVehicleEF	OBUS	1.0080e-003	2.1400e-004
tblVehicleEF	OBUS	1.7850e-003	1.8400e-003
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tblVehicleEF	OBUS	0.03	0.05
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tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.4700e-004	8.8800e-004
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.27	0.09

tblVehicleEF	OBUS	0.01	9.1370e-003
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tblVehicleEF	OBUS	66.50	60.92
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tblVehicleEF	OBUS	1.0960e-003	2.3300e-004
tblVehicleEF	OBUS	9.0000e-006	8.1000e-005
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tblVehicleEF	OBUS	1.0080e-003	2.1400e-004
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tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.8280e-003	1.8700e-003
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tblVehicleEF	OBUS	0.04	0.07
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tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.2900e-004	8.6700e-004
tblVehicleEF	OBUS	0.02	8.2510e-003
tblVehicleEF	OBUS	0.05	0.22
tblVehicleEF	OBUS	0.25	0.08

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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	8.2900e-004	8.6700e-004
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.22
tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.4940e-003	1.1460e-003
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tblVehicleEF	SBUS	7.49	3.27
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tblVehicleEF	SBUS	51.04	4.32
tblVehicleEF	SBUS	2.26	1.21
tblVehicleEF	SBUS	0.89	1.27
tblVehicleEF	SBUS	12.25	1.95
tblVehicleEF	SBUS	1.6700e-004	2.9600e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.6000e-004	2.8300e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005

tblVehicleEF	SBUS	4.8020e-003	1.5390e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	2.3030e-003	7.4500e-004
tblVehicleEF	SBUS	0.04	9.8310e-003
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	2.5280e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	6.0300e-004	4.3000e-005
tblVehicleEF	SBUS	4.8020e-003	1.5390e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.32	0.48
tblVehicleEF	SBUS	2.3030e-003	7.4500e-004
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.5520e-003	1.1750e-003
tblVehicleEF	SBUS	0.04	4.8670e-003
tblVehicleEF	SBUS	7.45	3.25
tblVehicleEF	SBUS	0.27	0.16
tblVehicleEF	SBUS	3.62	0.46
tblVehicleEF	SBUS	1,088.52	261.66
tblVehicleEF	SBUS	1,009.44	797.72
tblVehicleEF	SBUS	51.04	3.96
tblVehicleEF	SBUS	2.33	1.15
tblVehicleEF	SBUS	0.84	1.19
tblVehicleEF	SBUS	12.23	1.94
tblVehicleEF	SBUS	1.4100e-004	2.6300e-004

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.3500e-004	2.5200e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005
tblVehicleEF	SBUS	9.1300e-003	2.9130e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	4.8940e-003	1.5610e-003
tblVehicleEF	SBUS	0.04	9.9490e-003
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.01	2.4990e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	5.7400e-004	3.9000e-005
tblVehicleEF	SBUS	9.1300e-003	2.9130e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.32	0.48
tblVehicleEF	SBUS	4.8940e-003	1.5610e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.26	0.03
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.4960e-003	1.1470e-003
tblVehicleEF	SBUS	0.05	6.0700e-003
tblVehicleEF	SBUS	7.54	3.28
tblVehicleEF	SBUS	0.27	0.15
tblVehicleEF	SBUS	5.35	0.68

tblVehicleEF	SBUS	976.79	268.93
tblVehicleEF	SBUS	1,009.44	797.71
tblVehicleEF	SBUS	51.04	4.33
tblVehicleEF	SBUS	2.16	1.30
tblVehicleEF	SBUS	0.88	1.25
tblVehicleEF	SBUS	12.25	1.95
tblVehicleEF	SBUS	2.0400e-004	3.4200e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.9500e-004	3.2700e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005
tblVehicleEF	SBUS	4.5130e-003	1.4240e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	2.2490e-003	7.2700e-004
tblVehicleEF	SBUS	0.04	9.8350e-003
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	9.5830e-003	2.5680e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	6.0300e-004	4.3000e-005
tblVehicleEF	SBUS	4.5130e-003	1.4240e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.32	0.47
tblVehicleEF	SBUS	2.2490e-003	7.2700e-004
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.02	0.08

tblVehicleEF	SBUS	0.33	0.04
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	3.89	32.93
tblVehicleEF	UBUS	7.80	1.43
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	14.28
tblVehicleEF	UBUS	0.44	0.41
tblVehicleEF	UBUS	11.66	0.28
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	4.8450e-003	1.5660e-003
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.0640e-003	9.3600e-004
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.75	0.07
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.6140e-003	1.4100e-004
tblVehicleEF	UBUS	4.8450e-003	1.5660e-003
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.0640e-003	9.3600e-004
tblVehicleEF	UBUS	0.81	4.32
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.82	0.08
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	3.90	32.93
tblVehicleEF	UBUS	6.46	1.18
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	13.85
tblVehicleEF	UBUS	0.40	0.40
tblVehicleEF	UBUS	11.59	0.26
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	8.9640e-003	2.9660e-003
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.6200e-003	2.0890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.67	0.06
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.5910e-003	1.3700e-004
tblVehicleEF	UBUS	8.9640e-003	2.9660e-003
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.6200e-003	2.0890e-003
tblVehicleEF	UBUS	0.82	4.32
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.74	0.07
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	3.89	32.93
tblVehicleEF	UBUS	7.58	1.40
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	14.22
tblVehicleEF	UBUS	0.43	0.41
tblVehicleEF	UBUS	11.65	0.27
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	4.5770e-003	1.5720e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	2.9830e-003	9.1600e-004
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.08
tblVehicleEF	UBUS	0.74	0.07
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.6110e-003	1.4100e-004
tblVehicleEF	UBUS	4.5770e-003	1.5720e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	2.9830e-003	9.1600e-004
tblVehicleEF	UBUS	0.81	4.32
tblVehicleEF	UBUS	0.02	0.08

tblVehicleEF	UBUS	0.81	0.07
tblVehicleTrips	ST_TR	204.47	76.44
tblVehicleTrips	ST_TR	696.00	173.15
tblVehicleTrips	ST_TR	1.50	1.84
tblVehicleTrips	ST_TR	1.32	5.12
tblVehicleTrips	ST_TR	2.46	9.74
tblVehicleTrips	ST_TR	158.37	56.08
tblVehicleTrips	ST_TR	1.49	3.93
tblVehicleTrips	ST_TR	49.97	25.54
tblVehicleTrips	ST_TR	1.68	1.73
tblVehicleTrips	SU_TR	166.88	76.44
tblVehicleTrips	SU_TR	500.00	173.15
tblVehicleTrips	SU_TR	1.50	1.84
tblVehicleTrips	SU_TR	0.68	5.12
tblVehicleTrips	SU_TR	1.05	9.74
tblVehicleTrips	SU_TR	131.84	56.08
tblVehicleTrips	SU_TR	0.62	3.93
tblVehicleTrips	SU_TR	25.24	25.54
tblVehicleTrips	SU_TR	1.68	1.73
tblVehicleTrips	WD_TR	542.60	76.44
tblVehicleTrips	WD_TR	716.00	173.15
tblVehicleTrips	WD_TR	1.50	1.84
tblVehicleTrips	WD_TR	6.97	5.12
tblVehicleTrips	WD_TR	11.03	9.74
tblVehicleTrips	WD_TR	127.15	56.08
tblVehicleTrips	WD_TR	3.82	3.93
tblVehicleTrips	WD_TR	42.70	25.54
tblVehicleTrips	WD_TR	1.68	1.73

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					
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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

	ROG	NOx	CO	SO2	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					
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	112.9477	2.1200e-003	0.2363	2.0000e-005		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	0.4624	0.4624	1.1900e-003	0.0000	0.4922
Energy	1.9355	17.5955	14.7803	0.1056		1.3373	1.3373		1.3373	1.3373	0.0000	19,154.8893	19,154.8893	0.3671	0.3512	19,268.7173
Mobile	12.1488	53.3079	156.6281	0.5709	74.8700	0.4654	75.3354	20.0116	0.4410	20.4526	0.0000	53,602.9834	53,602.9834	2.2046	0.0000	53,658.0984
Waste						0.0000	0.0000		0.0000	0.0000	5,583.4288	0.0000	5,583.4288	329.9712	0.0000	13,832.7086
Water						0.0000	0.0000		0.0000	0.0000	1,889.0791	0.0000	1,889.0791	194.0265	4.5814	8,104.9959
Total	127.0320	70.9056	171.6447	0.6765	74.8700	1.8035	76.6735	20.0116	1.7791	21.7907	7,472.5079	72,758.3351	80,230.8430	526.5707	4.9326	94,865.0124

55.115

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	99.3978	1.1700e-003	0.1369	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	0.2492	0.2492	5.0000e-004	0.0000	0.2618
Energy	1.6357	14.8700	12.4908	0.0892		1.1301	1.1301		1.1301	1.1301	0.0000	16,187.7715	16,187.7715	0.3103	0.2968	16,283.9674
Mobile	12.1488	53.3079	156.6281	0.5709	74.8700	0.4654	75.3354	20.0116	0.4410	20.4526	0.0000	53,602.9834	53,602.9834	2.2046	0.0000	53,658.0984
Waste						0.0000	0.0000		0.0000	0.0000	1,395.8572	0.0000	1,395.8572	82.4928	0.0000	3,458.1772
Water						0.0000	0.0000		0.0000	0.0000	1,511.2633	0.0000	1,511.2633	155.2212	3.6651	6,483.9967

Total	113.1823	68.1791	169.2558	0.6601	74.8700	1.5959	76.4659	20.0116	1.5715	21.5831	2,907.120	69,791.00	72,698.124	240.2294	3.9619	79,884.50
											5	41	6			15

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	10.90	3.85	1.39	2.42	0.00	11.51	0.27	0.00	11.67	0.95	61.10	4.08	9.39	54.38	19.68	15.79

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/31/2045	12/31/2045	5	0	
2	Site Preparation	Site Preparation	12/31/2045	12/31/2045	5	0	
3	Grading	Grading	12/31/2045	12/31/2045	5	0	
4	Building Construction	Building Construction	12/31/2045	12/31/2045	5	0	
5	Paving	Paving	12/31/2045	12/31/2045	5	0	
6	Architectural Coating	Architectural Coating	12/31/2045	12/31/2045	5	0	

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: 38,770,668; Non-Residential Outdoor: 12,923,556; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38

Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	8.00	132	0.36
Paving	Rollers	0	8.00	80	0.38
Architectural Coating	Air Compressors	0	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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	10,818.00	4,236.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	2,164.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2045

Unmitigated Construction On-Site

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Worker	0.0000	0.0000	0.0000	0.0000	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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Mitigated Construction Off-Site

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

3.5 Building Construction - 2045

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.7 Architectural Coating - 2045

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

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
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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	12.1488	53.3079	156.6281	0.5709	74.8700	0.4654	75.3354	20.0116	0.4410	20.4526	0.0000	53,602.9834	53,602.9834	2.2046	0.0000	53,658.0984
Unmitigated	12.1488	53.3079	156.6281	0.5709	74.8700	0.4654	75.3354	20.0116	0.4410	20.4526	0.0000	53,602.9834	53,602.9834	2.2046	0.0000	53,658.0984

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Convenience Market With Gas Pumps	2,751.84	2,751.84	2751.84	1,476,099	1,476,099
Fast Food Restaurant w/o Drive Thru	1,125.48	1,125.48	1125.48	1,814,905	1,814,905
General Heavy Industry	5,060.00	5,060.00	5060.00	14,772,726	14,772,726
General Light Industry	12,928.41	12,928.41	12928.41	37,744,636	37,744,636
General Office Building	3,360.30	3,360.30	3360.30	8,030,286	8,030,286
High Turnover (Sit Down Restaurant)	1,009.44	1,009.44	1009.44	1,171,217	1,171,217
Manufacturing	17,888.46	17,888.46	17888.46	52,225,547	52,225,547
Regional Shopping Center	842.82	842.82	842.82	1,477,720	1,477,720
Unrefrigerated Warehouse-No Rail	27,009.94	27,009.94	27009.94	78,855,810	78,855,810
Total	71,976.68	71,976.68	71,976.68	197,568,947	197,568,947

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Convenience Market With Gas	9.50	7.30	7.30	0.80	80.20	19.00	14	21	65
Fast Food Restaurant w/o Drive Thru	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down Restaurant)	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Convenience Market With Gas	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Fast Food Restaurant w/o Drive Thru	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Heavy Industry	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Light Industry	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
High Turnover (Sit Down Restaurant)	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Manufacturing	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
Regional Shopping Center	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Rail	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	1.6357	14.8700	12.4908	0.0892		1.1301	1.1301		1.1301	1.1301	0.0000	16,187.77 15	16,187.771 5	0.3103	0.2968	16,283.96 74
NaturalGas Unmitigated	1.9355	17.5955	14.7803	0.1056		1.3373	1.3373		1.3373	1.3373	0.0000	19,154.88 93	19,154.889 3	0.3671	0.3512	19,268.71 73

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					
Convenience Market With Gas	11282.7	6.0000e-005	5.5000e-004	4.6000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6021	0.6021	1.0000e-005	1.0000e-005	0.6057
Fast Food Restaurant w/o Drive Thru	1.77736e+006	9.5800e-003	0.0871	0.0732	5.2000e-004		6.6200e-003	6.6200e-003		6.6200e-003	6.6200e-003	0.0000	94.8467	94.8467	1.8200e-003	1.7400e-003	95.4103
General Heavy Industry	8.93475e+007	0.4818	4.3798	3.6790	0.0263		0.3329	0.3329		0.3329	0.3329	0.0000	4,767.9229	4,767.9229	0.0914	0.0874	4,796.2562
General Light Industry	8.20398e+007	0.4424	4.0216	3.3781	0.0241		0.3056	0.3056		0.3056	0.3056	0.0000	4,377.9588	4,377.9588	0.0839	0.0803	4,403.9748
General Office Building	1.19715e+006	6.4600e-003	0.0587	0.0493	3.5000e-004		4.4600e-003	4.4600e-003		4.4600e-003	4.4600e-003	0.0000	63.8845	63.8845	1.2200e-003	1.1700e-003	64.2641
High Turnover (Sit Down Restaurant)	4.92192e+006	0.0265	0.2413	0.2027	1.4500e-003		0.0183	0.0183		0.0183	0.0183	0.0000	262.6524	262.6524	5.0300e-003	4.8200e-003	264.2132
Manufacturing	1.47887e+008	0.7974	7.2494	6.0895	0.0435		0.5510	0.5510		0.5510	0.5510	0.0000	7,891.8139	7,891.8139	0.1513	0.1447	7,938.7110
Regional Shopping Center	73260	4.0000e-004	3.5900e-003	3.0200e-003	2.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004	0.0000	3.9094	3.9094	7.0000e-005	7.0000e-005	3.9327
Unrefrigerated Warehouse-No Drive Thru	3.16937e+007	0.1709	1.5536	1.3050	9.3200e-003		0.1181	0.1181		0.1181	0.1181	0.0000	1,691.2987	1,691.2987	0.0324	0.0310	1,701.3492

Total		1.9355	17.5955	14.7803	0.1056		1.3373	1.3373		1.3373	1.3373	0.0000	19,154.8893	19,154.8893	0.3671	0.3512	19,268.7173
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Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Convenience Market With Gas	8355.3	5.0000e-005	4.1000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4459	0.4459	1.0000e-005	1.0000e-005	0.4485
Fast Food Restaurant w/o Drive Thru	1.6259e+006	8.7700e-003	0.0797	0.0670	4.8000e-004		6.0600e-003	6.0600e-003		6.0600e-003	6.0600e-003	0.0000	86.7644	86.7644	1.6600e-003	1.5900e-003	87.2800
General Heavy Industry	7.66755e+007	0.4135	3.7586	3.1572	0.0226		0.2857	0.2857		0.2857	0.2857	0.0000	4,091.6967	4,091.6967	0.0784	0.0750	4,116.0116
General Light Industry	7.04043e+007	0.3796	3.4512	2.8990	0.0207		0.2623	0.2623		0.2623	0.2623	0.0000	3,757.0405	3,757.0405	0.0720	0.0689	3,779.3667
General Office Building	838005	4.5200e-003	0.0411	0.0345	2.5000e-004		3.1200e-003	3.1200e-003		3.1200e-003	3.1200e-003	0.0000	44.7191	44.7191	8.6000e-004	8.2000e-004	44.9849
High Turnover (Sit Down Restaurant)	4.5025e+006	0.0243	0.2207	0.1854	1.3200e-003		0.0168	0.0168		0.0168	0.0168	0.0000	240.2707	240.2707	4.6100e-003	4.4000e-003	241.6985
Manufacturing	1.26912e+008	0.6843	6.2212	5.2258	0.0373		0.4728	0.4728		0.4728	0.4728	0.0000	6,772.5317	6,772.5317	0.1298	0.1242	6,812.7775
Regional Shopping Center	54252	2.9000e-004	2.6600e-003	2.2300e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8951	2.8951	6.0000e-005	5.0000e-005	2.9123
Unrefrigerated Warehouse-No Drive Thru	2.23261e+007	0.1204	1.0944	0.9193	6.5700e-003		0.0832	0.0832		0.0832	0.0832	0.0000	1,191.4075	1,191.4075	0.0228	0.0218	1,198.4874
Total		1.6357	14.8700	12.4908	0.0892		1.1301	1.1301		1.1301	1.1301	0.0000	16,187.7715	16,187.7715	0.3103	0.2968	16,283.9674

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

Convenience Market With Gas	64189.4	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive-Thru	308620	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	2.79125e+007	0.0000	0.0000	0.0000	0.0000
General Light Industry	2.56296e+007	0.0000	0.0000	0.0000	0.0000
General Office Building	3.2844e+006	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	854640	0.0000	0.0000	0.0000	0.0000
Manufacturing	4.62005e+007	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	416790	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Drive-Thru	3.68459e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Convenience Market With Gas	57206.4	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive-Thru	284479	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	2.60975e+007	0.0000	0.0000	0.0000	0.0000
General Light Industry	2.3963e+007	0.0000	0.0000	0.0000	0.0000
General Office Building	2.96666e+006	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	787788	0.0000	0.0000	0.0000	0.0000
Manufacturing	4.31963e+007	0.0000	0.0000	0.0000	0.0000

Regional Shopping Center	371448	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No 007	3.51129e+007	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

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	99.3978	1.1700e-003	0.1369	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	0.2492	0.2492	5.0000e-004	0.0000	0.2618
Unmitigated	112.9477	2.1200e-003	0.2363	2.0000e-005		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	0.4624	0.4624	1.1900e-003	0.0000	0.4922

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	11.9802					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	100.9459					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0216	2.1200e-003	0.2363	2.0000e-005		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	0.4624	0.4624	1.1900e-003	0.0000	0.4922
Total	112.9477	2.1200e-003	0.2363	2.0000e-005		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	0.4624	0.4624	1.1900e-003	0.0000	0.4922

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	5.9901					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	93.3985					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.1800e-003	1.1700e-003	0.1369	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	0.2492	0.2492	5.0000e-004	0.0000	0.2618
Total	99.3978	1.1700e-003	0.1369	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	0.2492	0.2492	5.0000e-004	0.0000	0.2618

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1,511.2633	155.2212	3.6651	6,483.9967
Unmitigated	1,889.0791	194.0265	4.5814	8,104.9959

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Convenience Market With Gas	0.376458 / 0.230733	0.1194	0.0123	2.9000e-004	0.5124
Fast Food Restaurant w/o Drive Thru	1.97297 / 0.125934	0.6259	0.0643	1.5200e-003	2.6855
General Heavy Industry	635.938 / 0	201.7536	20.7220	0.4893	865.6135
General Light Industry	583.925 / 0	185.2524	19.0272	0.4493	794.8158
General Office Building	61.3181 / 37.5821	19.4534	1.9981	0.0472	83.4639
High Turnover (Sit Down Restaurant)	5.46361 / 0.348741	1.7334	0.1780	4.2000e-003	7.4369

Manufacturing	1052.6 / 0	333.9404	34.2989	0.8099	1,432.7540
Regional Shopping Center	2.44439 / 1.49818	0.7755	0.0797	1.8800e-003	3.3272
Unrefrigerated Warehouse-No	3610.44 / 0	1,145.4251	117.6461	2.7779	4,914.3868
Total		1,889.0791	194.0265	4.5814	8,104.9959

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Convenience Market With Gas	0.301167 / 0.216658	0.0956	9.8100e-003	2.3000e-004	0.4099
Fast Food Restaurant w/o	1.57838 / 0.118252	0.5008	0.0514	1.2100e-003	2.1484
General Heavy Industry	508.75 / 0	161.4029	16.5776	0.3914	692.4908
General Light Industry	467.14 / 0	148.2019	15.2218	0.3594	635.8526
General Office Building	49.0545 / 35.2896	15.5627	1.5984	0.0377	66.7711
High Turnover (Sit Down Restaurant)	4.37089 / 0.327468	1.3867	0.1424	3.3600e-003	5.9495
Manufacturing	842.077 / 0	267.1523	27.4391	0.6479	1,146.2032
Regional Shopping Center	1.95551 / 1.40679	0.6204	0.0637	1.5000e-003	2.6618
Unrefrigerated Warehouse-No	2888.35 / 0	916.3400	94.1169	2.2223	3,931.5094
Total		1,511.2633	155.2212	3.6651	6,483.9967

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,395.8572	82.4928	0.0000	3,458.1772
Unmitigated	5,583.4288	329.9712	0.0000	13,832.7086

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant w/o	74.87	15.1979	0.8982	0.0000	37.6522
General Heavy Industry	3410	692.1992	40.9078	0.0000	1,714.8942
General Light Industry	3131.1	635.5850	37.5620	0.0000	1,574.6349
General Office Building	320.85	65.1297	3.8491	0.0000	161.3560
High Turnover (Sit Down Restaurant)	214.2	43.4807	2.5696	0.0000	107.7215
Manufacturing	5644.19	1,145.7196	67.7101	0.0000	2,838.4717
Regional Shopping Center	34.65	7.0336	0.4157	0.0000	17.4255

Unrefrigerated Warehouse-No	14675.9	2,979.0832	176.0588	0.0000	7,380.5525
Total		5,583.4288	329.9712	0.0000	13,832.7086

Mitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
Fast Food Restaurant w/o Drive Thru	18.7175	3.7995	0.2245	0.0000	9.4131
General Heavy Industry	852.5	173.0498	10.2270	0.0000	428.7235
General Light Industry	782.775	158.8963	9.3905	0.0000	393.6587
General Office Building	80.2125	16.2824	0.9623	0.0000	40.3390
High Turnover (Sit Down Restaurant)	53.55	10.8702	0.6424	0.0000	26.9304
Manufacturing	1411.05	286.4299	16.9275	0.0000	709.6179
Regional Shopping Center	8.6625	1.7584	0.1039	0.0000	4.3564
Unrefrigerated Warehouse-No	3668.99	744.7708	44.0147	0.0000	1,845.1381
Total		1,395.8572	82.4928	0.0000	3,458.1772

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

<i>Direct Emissions</i>					
▪ Construction (amortized over 30 years) ⁴	2,291.61	0.11	2.7	0	0
▪ Area Source	0.25	<0.01	0.01	0	0
▪ Mobile Source	53,602.98	2.2	55.12	0	0
<i>Total Direct Emissions</i> ^{3,5}	55,894.84	2.31	57.83	0.00	0.00
<i>Indirect Emissions</i>					
▪ Energy	16,187.77	0.31	7.75	0.3	88.45
▪ Solid Waste	1,395.86	82.49	2,062.32	0	0
▪ Water Demand	1,511.26	155.22	3,880.53	3.67	1,092.20
<i>Total indirect Emissions</i> ^{3,5}	19,094.89	238.02	5,950.60	3.97	1,180.65

2,294.31
0.26
53,658.10
55,952.67
16,283.97
3,458.12
6,484.00
26,226.09
82,178.76
65,255.64

SCLA Specific Plan EIR - Mitigated Operational - San Bernardino-Mojave Desert County, Summer

SCLA Specific Plan EIR - Mitigated Operational
San Bernardino-Mojave Desert County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	345.00	1000sqft	799.20	345,000.00	0
General Heavy Industry	2,750.00	1000sqft	799.20	2,750,000.00	0
General Light Industry	2,525.08	1000sqft	799.20	2,525,080.00	0
Manufacturing	4,551.77	1000sqft	799.20	4,551,770.00	0
Unrefrigerated Warehouse-No Rail	15,612.68	1000sqft	797.76	15,612,680.00	0
Fast Food Restaurant w/o Drive Thru	6.50	1000sqft	0.15	6,500.00	0
High Turnover (Sit Down Restaurant)	18.00	1000sqft	0.41	18,000.00	0
Convenience Market With Gas Pumps	36.00	Pump	0.12	5,082.30	0
Regional Shopping Center	33.00	1000sqft	0.76	33,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2050
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Statewide Average with 100% reduction due to goals & regulation in SB 100 (2045 - 100% renewable energy).

Land Use - Based off the Land Use Intensities in the Michael Baker International, Southern California Logistics Airport Specific Plan Traffic Impact Analysis, April 23, 2020, and information from the Applicant
 Construction Phase - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Grading - Operational Run Only.

Architectural Coating - MDAQMD Rule 1113

Vehicle Trips - Per the traffic study the project would have 71,971 ADT.

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Area Coating - MDAQMD Rule 1113

Energy Use -

Mobile Land Use Mitigation -

Area Mitigation - MDAQMD Rule 1113

Energy Mitigation - 2019 Title 24 Requirements are 30% more efficient than model 2016 Title 24 standards.

Water Mitigation - 2019 Title 24 & CalGreen.

Waste Mitigation - AB 341 post 2020 requirement.

Fleet Mix - According to the TIA and communication with the traffic engineer, only the manufacturing, warehousing, and light industrial uses would have truck trips that 100% LPA (percentage) was assumed

Table Name	Column Name	Default Value	New Value
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tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
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tblAreaCoating	Area_EF_Nonresidential_Interior	250	100

tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	1001.57	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleEF	HHD	0.83	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.11	8.88
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.64	2.2740e-003
tblVehicleEF	HHD	6,274.34	1,131.00
tblVehicleEF	HHD	1,396.15	957.24
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	17.41	7.10
tblVehicleEF	HHD	1.08	1.93
tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	1.7080e-003	2.5610e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.6340e-003	2.4500e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003

tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	6.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.0270e-003	3.0000e-005
tblVehicleEF	HHD	0.56	0.60
tblVehicleEF	HHD	3.9000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.3800e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.6000e-005	0.00
tblVehicleEF	HHD	6.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.0270e-003	3.0000e-005
tblVehicleEF	HHD	0.65	0.68
tblVehicleEF	HHD	3.9000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.3800e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.78	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.53	8.76
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.53	2.1260e-003
tblVehicleEF	HHD	6,647.11	1,116.18
tblVehicleEF	HHD	1,396.15	957.25
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	17.97	6.75
tblVehicleEF	HHD	1.02	1.82

tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	1.4400e-003	2.2760e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.3780e-003	2.1770e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003
tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	2.2440e-003	3.3000e-005
tblVehicleEF	HHD	0.53	0.63
tblVehicleEF	HHD	8.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.3900e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.4000e-005	0.00
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	2.2440e-003	3.3000e-005
tblVehicleEF	HHD	0.61	0.72
tblVehicleEF	HHD	8.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.3900e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.91	9.03
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.61	2.2370e-003
tblVehicleEF	HHD	5,759.57	1,151.45
tblVehicleEF	HHD	1,396.15	957.24
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	16.63	7.59
tblVehicleEF	HHD	1.07	1.90
tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	2.0790e-003	2.9560e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.9890e-003	2.8280e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003
tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	5.7000e-005	1.0000e-006
tblVehicleEF	HHD	2.1340e-003	3.1000e-005
tblVehicleEF	HHD	0.61	0.55
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.5100e-004	1.6100e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.5000e-005	0.00

tbIVehicleEF	HHD	5.7000e-005	1.0000e-006
tbIVehicleEF	HHD	2.1340e-003	3.1000e-005
tbIVehicleEF	HHD	0.70	0.63
tbIVehicleEF	HHD	3.7000e-005	1.0000e-006
tbIVehicleEF	HHD	0.10	0.05
tbIVehicleEF	HHD	1.5100e-004	1.6100e-004
tbIVehicleEF	HHD	0.03	0.00
tbIVehicleEF	LDA	1.2210e-003	5.8400e-004
tbIVehicleEF	LDA	4.7700e-004	0.02
tbIVehicleEF	LDA	0.24	0.36
tbIVehicleEF	LDA	0.30	1.26
tbIVehicleEF	LDA	162.22	182.70
tbIVehicleEF	LDA	34.63	35.74
tbIVehicleEF	LDA	0.02	0.02
tbIVehicleEF	LDA	0.01	0.11
tbIVehicleEF	LDA	5.5000e-004	4.7100e-004
tbIVehicleEF	LDA	7.9200e-004	6.0900e-004
tbIVehicleEF	LDA	5.0600e-004	4.3300e-004
tbIVehicleEF	LDA	7.2800e-004	5.6000e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	9.2080e-003	0.01
tbIVehicleEF	LDA	3.0650e-003	1.6070e-003
tbIVehicleEF	LDA	0.02	0.14
tbIVehicleEF	LDA	6.4280e-003	0.06
tbIVehicleEF	LDA	1.6220e-003	1.8070e-003
tbIVehicleEF	LDA	3.5000e-004	3.5400e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	9.2080e-003	0.01

tblVehicleEF	LDA	4.4570e-003	2.3290e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	7.0380e-003	0.06
tblVehicleEF	LDA	1.3920e-003	6.7400e-004
tblVehicleEF	LDA	3.9800e-004	0.01
tblVehicleEF	LDA	0.30	0.45
tblVehicleEF	LDA	0.25	1.07
tblVehicleEF	LDA	177.52	199.49
tblVehicleEF	LDA	34.63	35.40
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	9.5520e-003	0.10
tblVehicleEF	LDA	5.5000e-004	4.7100e-004
tblVehicleEF	LDA	7.9200e-004	6.0900e-004
tblVehicleEF	LDA	5.0600e-004	4.3300e-004
tblVehicleEF	LDA	7.2800e-004	5.6000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	3.4880e-003	1.8230e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	5.3660e-003	0.05
tblVehicleEF	LDA	1.7760e-003	1.9730e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.0740e-003	2.6450e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	5.8750e-003	0.05
tblVehicleEF	LDA	1.1890e-003	5.7000e-004
tblVehicleEF	LDA	4.7500e-004	0.02

tbIVehicleEF	LDA	0.23	0.34
tbIVehicleEF	LDA	0.29	1.24
tbIVehicleEF	LDA	158.60	178.76
tbIVehicleEF	LDA	34.63	35.71
tbIVehicleEF	LDA	0.02	0.02
tbIVehicleEF	LDA	0.01	0.11
tbIVehicleEF	LDA	5.5000e-004	4.7100e-004
tbIVehicleEF	LDA	7.9200e-004	6.0900e-004
tbIVehicleEF	LDA	5.0600e-004	4.3300e-004
tbIVehicleEF	LDA	7.2800e-004	5.6000e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	8.5160e-003	0.01
tbIVehicleEF	LDA	2.9850e-003	1.5670e-003
tbIVehicleEF	LDA	0.03	0.16
tbIVehicleEF	LDA	6.4050e-003	0.06
tbIVehicleEF	LDA	1.5860e-003	1.7680e-003
tbIVehicleEF	LDA	3.5000e-004	3.5300e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	8.5160e-003	0.01
tbIVehicleEF	LDA	4.3410e-003	2.2700e-003
tbIVehicleEF	LDA	0.03	0.16
tbIVehicleEF	LDA	7.0130e-003	0.06
tbIVehicleEF	LDT1	1.6300e-003	6.2400e-004
tbIVehicleEF	LDT1	6.5800e-004	0.02
tbIVehicleEF	LDT1	0.31	0.38
tbIVehicleEF	LDT1	0.38	1.33
tbIVehicleEF	LDT1	204.30	214.32
tbIVehicleEF	LDT1	44.26	42.86

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004
tblVehicleEF	LDT1	6.2200e-004	4.6000e-004
tblVehicleEF	LDT1	9.1100e-004	6.1500e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	4.0420e-003	1.7040e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	8.8770e-003	0.06
tblVehicleEF	LDT1	2.0440e-003	2.1210e-003
tblVehicleEF	LDT1	4.4800e-004	4.2400e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	5.8960e-003	2.4850e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	9.7190e-003	0.07
tblVehicleEF	LDT1	1.8530e-003	7.1900e-004
tblVehicleEF	LDT1	5.5000e-004	0.02
tblVehicleEF	LDT1	0.38	0.46
tblVehicleEF	LDT1	0.31	1.12
tblVehicleEF	LDT1	223.10	231.16
tblVehicleEF	LDT1	44.26	42.50
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.11
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004

tbIVehicleEF	LDT1	6.2200e-004	4.6000e-004
tbIVehicleEF	LDT1	9.1100e-004	6.1500e-004
tbIVehicleEF	LDT1	0.04	0.06
tbIVehicleEF	LDT1	0.05	0.05
tbIVehicleEF	LDT1	0.04	0.05
tbIVehicleEF	LDT1	4.5930e-003	1.9360e-003
tbIVehicleEF	LDT1	0.03	0.17
tbIVehicleEF	LDT1	7.4160e-003	0.05
tbIVehicleEF	LDT1	2.2330e-003	2.2880e-003
tbIVehicleEF	LDT1	4.4700e-004	4.2100e-004
tbIVehicleEF	LDT1	0.04	0.06
tbIVehicleEF	LDT1	0.05	0.05
tbIVehicleEF	LDT1	0.04	0.05
tbIVehicleEF	LDT1	6.7000e-003	2.8240e-003
tbIVehicleEF	LDT1	0.03	0.17
tbIVehicleEF	LDT1	8.1200e-003	0.06
tbIVehicleEF	LDT1	1.5890e-003	6.0900e-004
tbIVehicleEF	LDT1	6.5600e-004	0.02
tbIVehicleEF	LDT1	0.29	0.36
tbIVehicleEF	LDT1	0.37	1.31
tbIVehicleEF	LDT1	199.87	210.33
tbIVehicleEF	LDT1	44.26	42.82
tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	0.01	0.12
tbIVehicleEF	LDT1	6.7600e-004	5.0100e-004
tbIVehicleEF	LDT1	9.9100e-004	6.6900e-004
tbIVehicleEF	LDT1	6.2200e-004	4.6000e-004
tbIVehicleEF	LDT1	9.1100e-004	6.1500e-004
tbIVehicleEF	LDT1	0.02	0.03
tbIVehicleEF	LDT1	0.04	0.05

tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	3.9390e-003	1.6600e-003
tbIVehicleEF	LDT1	0.04	0.20
tbIVehicleEF	LDT1	8.8500e-003	0.06
tbIVehicleEF	LDT1	2.0000e-003	2.0810e-003
tbIVehicleEF	LDT1	4.4800e-004	4.2400e-004
tbIVehicleEF	LDT1	0.02	0.03
tbIVehicleEF	LDT1	0.04	0.05
tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	5.7450e-003	2.4220e-003
tbIVehicleEF	LDT1	0.04	0.20
tbIVehicleEF	LDT1	9.6900e-003	0.07
tbIVehicleEF	LDT2	1.8520e-003	8.0800e-004
tbIVehicleEF	LDT2	9.4600e-004	0.02
tbIVehicleEF	LDT2	0.38	0.43
tbIVehicleEF	LDT2	0.46	1.70
tbIVehicleEF	LDT2	237.56	213.49
tbIVehicleEF	LDT2	51.25	42.77
tbIVehicleEF	LDT2	0.03	0.02
tbIVehicleEF	LDT2	0.02	0.11
tbIVehicleEF	LDT2	6.6300e-004	5.2800e-004
tbIVehicleEF	LDT2	9.5100e-004	6.3500e-004
tbIVehicleEF	LDT2	6.1000e-004	4.8700e-004
tbIVehicleEF	LDT2	8.7400e-004	5.8400e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	4.6110e-003	2.4080e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.08

tbIVehicleEF	LDT2	2.3770e-003	2.1120e-003
tbIVehicleEF	LDT2	5.1900e-004	4.2300e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	6.7180e-003	3.4670e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.09
tbIVehicleEF	LDT2	2.1050e-003	9.3000e-004
tbIVehicleEF	LDT2	8.5200e-004	0.02
tbIVehicleEF	LDT2	0.46	0.53
tbIVehicleEF	LDT2	0.42	1.43
tbIVehicleEF	LDT2	259.40	228.68
tbIVehicleEF	LDT2	51.25	42.29
tbIVehicleEF	LDT2	0.02	0.02
tbIVehicleEF	LDT2	0.02	0.10
tbIVehicleEF	LDT2	6.6300e-004	5.2800e-004
tbIVehicleEF	LDT2	9.5100e-004	6.3500e-004
tbIVehicleEF	LDT2	6.1000e-004	4.8700e-004
tbIVehicleEF	LDT2	8.7400e-004	5.8400e-004
tbIVehicleEF	LDT2	0.04	0.07
tbIVehicleEF	LDT2	0.04	0.05
tbIVehicleEF	LDT2	0.04	0.06
tbIVehicleEF	LDT2	5.2360e-003	2.7170e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.07
tbIVehicleEF	LDT2	2.5970e-003	2.2620e-003
tbIVehicleEF	LDT2	5.1800e-004	4.1800e-004
tbIVehicleEF	LDT2	0.04	0.07
tbIVehicleEF	LDT2	0.04	0.05

tbIVehicleEF	LDT2	0.04	0.06
tbIVehicleEF	LDT2	7.6310e-003	3.9180e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.08
tbIVehicleEF	LDT2	1.8040e-003	7.8800e-004
tbIVehicleEF	LDT2	9.4400e-004	0.02
tbIVehicleEF	LDT2	0.36	0.41
tbIVehicleEF	LDT2	0.46	1.68
tbIVehicleEF	LDT2	232.43	209.90
tbIVehicleEF	LDT2	51.25	42.73
tbIVehicleEF	LDT2	0.02	0.02
tbIVehicleEF	LDT2	0.02	0.11
tbIVehicleEF	LDT2	6.6300e-004	5.2800e-004
tbIVehicleEF	LDT2	9.5100e-004	6.3500e-004
tbIVehicleEF	LDT2	6.1000e-004	4.8700e-004
tbIVehicleEF	LDT2	8.7400e-004	5.8400e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	4.4930e-003	2.3500e-003
tbIVehicleEF	LDT2	0.03	0.19
tbIVehicleEF	LDT2	0.01	0.08
tbIVehicleEF	LDT2	2.3260e-003	2.0760e-003
tbIVehicleEF	LDT2	5.1900e-004	4.2300e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	6.5470e-003	3.3820e-003
tbIVehicleEF	LDT2	0.03	0.19
tbIVehicleEF	LDT2	0.01	0.09

tbIVehicleEF	LHD1	2.3700e-003	3.1740e-003
tbIVehicleEF	LHD1	1.4740e-003	1.2820e-003
tbIVehicleEF	LHD1	2.4440e-003	4.6000e-003
tbIVehicleEF	LHD1	0.12	0.17
tbIVehicleEF	LHD1	0.15	0.13
tbIVehicleEF	LHD1	0.92	0.71
tbIVehicleEF	LHD1	8.77	7.34
tbIVehicleEF	LHD1	529.63	507.43
tbIVehicleEF	LHD1	20.81	8.07
tbIVehicleEF	LHD1	0.04	0.03
tbIVehicleEF	LHD1	0.06	0.08
tbIVehicleEF	LHD1	0.23	0.17
tbIVehicleEF	LHD1	5.9400e-004	1.0370e-003
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	3.7090e-003	3.0240e-003
tbIVehicleEF	LHD1	4.3300e-004	1.7200e-004
tbIVehicleEF	LHD1	5.6800e-004	9.9200e-004
tbIVehicleEF	LHD1	2.6620e-003	2.5100e-003
tbIVehicleEF	LHD1	3.5340e-003	2.8720e-003
tbIVehicleEF	LHD1	3.9800e-004	1.5800e-004
tbIVehicleEF	LHD1	8.8800e-004	1.1440e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	5.6300e-004	7.2100e-004
tbIVehicleEF	LHD1	0.02	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	8.6000e-005	7.1000e-005
tbIVehicleEF	LHD1	5.1590e-003	4.9370e-003
tbIVehicleEF	LHD1	2.2300e-004	8.0000e-005

tbIVehicleEF	LHD1	8.8800e-004	1.1440e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.02
tbIVehicleEF	LHD1	5.6300e-004	7.2100e-004
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.04	0.02
tbIVehicleEF	LHD1	2.3700e-003	3.1830e-003
tbIVehicleEF	LHD1	1.4850e-003	1.2960e-003
tbIVehicleEF	LHD1	2.3260e-003	4.3920e-003
tbIVehicleEF	LHD1	0.12	0.17
tbIVehicleEF	LHD1	0.15	0.13
tbIVehicleEF	LHD1	0.87	0.67
tbIVehicleEF	LHD1	8.77	7.34
tbIVehicleEF	LHD1	529.63	507.43
tbIVehicleEF	LHD1	20.81	8.00
tbIVehicleEF	LHD1	0.04	0.03
tbIVehicleEF	LHD1	0.05	0.08
tbIVehicleEF	LHD1	0.22	0.16
tbIVehicleEF	LHD1	5.9400e-004	1.0370e-003
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	3.7090e-003	3.0240e-003
tbIVehicleEF	LHD1	4.3300e-004	1.7200e-004
tbIVehicleEF	LHD1	5.6800e-004	9.9200e-004
tbIVehicleEF	LHD1	2.6620e-003	2.5100e-003
tbIVehicleEF	LHD1	3.5340e-003	2.8720e-003
tbIVehicleEF	LHD1	3.9800e-004	1.5800e-004
tbIVehicleEF	LHD1	1.6870e-003	2.1770e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.01

tbIVehicleEF	LHD1	1.1580e-003	1.4920e-003
tbIVehicleEF	LHD1	0.02	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	8.6000e-005	7.1000e-005
tbIVehicleEF	LHD1	5.1590e-003	4.9370e-003
tbIVehicleEF	LHD1	2.2200e-004	7.9000e-005
tbIVehicleEF	LHD1	1.6870e-003	2.1770e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.02
tbIVehicleEF	LHD1	1.1580e-003	1.4920e-003
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	2.3700e-003	3.1760e-003
tbIVehicleEF	LHD1	1.4760e-003	1.2840e-003
tbIVehicleEF	LHD1	2.4240e-003	4.5650e-003
tbIVehicleEF	LHD1	0.12	0.17
tbIVehicleEF	LHD1	0.15	0.13
tbIVehicleEF	LHD1	0.91	0.71
tbIVehicleEF	LHD1	8.77	7.34
tbIVehicleEF	LHD1	529.63	507.43
tbIVehicleEF	LHD1	20.81	8.05
tbIVehicleEF	LHD1	0.04	0.03
tbIVehicleEF	LHD1	0.06	0.08
tbIVehicleEF	LHD1	0.23	0.16
tbIVehicleEF	LHD1	5.9400e-004	1.0370e-003
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	3.7090e-003	3.0240e-003
tbIVehicleEF	LHD1	4.3300e-004	1.7200e-004

tblVehicleEF	LHD1	5.6800e-004	9.9200e-004
tblVehicleEF	LHD1	2.6620e-003	2.5100e-003
tblVehicleEF	LHD1	3.5340e-003	2.8720e-003
tblVehicleEF	LHD1	3.9800e-004	1.5800e-004
tblVehicleEF	LHD1	8.1600e-004	1.0590e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.4400e-004	6.9800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.05	0.15
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	8.6000e-005	7.1000e-005
tblVehicleEF	LHD1	5.1590e-003	4.9370e-003
tblVehicleEF	LHD1	2.2300e-004	8.0000e-005
tblVehicleEF	LHD1	8.1600e-004	1.0590e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.4400e-004	6.9800e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.15
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD2	2.0550e-003	1.9790e-003
tblVehicleEF	LHD2	1.8190e-003	2.5960e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.80	0.41
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.25
tblVehicleEF	LHD2	0.04	0.05

tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	5.9400e-004	6.6600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6900e-004	4.2000e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2200e-004	5.2000e-005
tblVehicleEF	LHD2	5.9400e-004	6.6600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6900e-004	4.2000e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0550e-003	1.9840e-003
tblVehicleEF	LHD2	1.4530e-003	1.4520e-003
tblVehicleEF	LHD2	1.8170e-003	2.4780e-003

tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.76	0.38
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.21
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	1.1370e-003	1.2660e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.7700e-004	8.6800e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.02	9.9950e-003
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2100e-004	5.2000e-005
tblVehicleEF	LHD2	1.1370e-003	1.2660e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01

tbIVehicleEF	LHD2	7.7700e-004	8.6800e-004
tbIVehicleEF	LHD2	0.03	0.03
tbIVehicleEF	LHD2	0.03	0.08
tbIVehicleEF	LHD2	0.03	0.01
tbIVehicleEF	LHD2	2.0550e-003	1.9800e-003
tbIVehicleEF	LHD2	1.8190e-003	2.5760e-003
tbIVehicleEF	LHD2	0.12	0.13
tbIVehicleEF	LHD2	0.14	0.15
tbIVehicleEF	LHD2	0.79	0.40
tbIVehicleEF	LHD2	13.27	11.72
tbIVehicleEF	LHD2	561.63	502.29
tbIVehicleEF	LHD2	20.88	5.24
tbIVehicleEF	LHD2	0.04	0.05
tbIVehicleEF	LHD2	0.04	0.11
tbIVehicleEF	LHD2	0.17	0.09
tbIVehicleEF	LHD2	8.2400e-004	1.5310e-003
tbIVehicleEF	LHD2	0.01	0.01
tbIVehicleEF	LHD2	4.5960e-003	8.9230e-003
tbIVehicleEF	LHD2	3.8600e-004	9.9000e-005
tbIVehicleEF	LHD2	7.8800e-004	1.4650e-003
tbIVehicleEF	LHD2	2.7120e-003	2.7250e-003
tbIVehicleEF	LHD2	4.3850e-003	8.5250e-003
tbIVehicleEF	LHD2	3.5500e-004	9.1000e-005
tbIVehicleEF	LHD2	5.6000e-004	6.1500e-004
tbIVehicleEF	LHD2	0.01	0.02
tbIVehicleEF	LHD2	0.01	0.01
tbIVehicleEF	LHD2	3.5700e-004	4.0700e-004
tbIVehicleEF	LHD2	0.02	0.03
tbIVehicleEF	LHD2	0.03	0.09
tbIVehicleEF	LHD2	0.02	0.01

tbIVehicleEF	LHD2	1.2900e-004	1.1200e-004
tbIVehicleEF	LHD2	5.4560e-003	4.8380e-003
tbIVehicleEF	LHD2	2.2200e-004	5.2000e-005
tbIVehicleEF	LHD2	5.6000e-004	6.1500e-004
tbIVehicleEF	LHD2	0.01	0.02
tbIVehicleEF	LHD2	0.01	0.01
tbIVehicleEF	LHD2	3.5700e-004	4.0700e-004
tbIVehicleEF	LHD2	0.03	0.03
tbIVehicleEF	LHD2	0.03	0.09
tbIVehicleEF	LHD2	0.03	0.01
tbIVehicleEF	MCY	0.45	0.31
tbIVehicleEF	MCY	0.15	0.23
tbIVehicleEF	MCY	17.23	17.23
tbIVehicleEF	MCY	10.21	9.09
tbIVehicleEF	MCY	172.59	209.98
tbIVehicleEF	MCY	40.72	56.78
tbIVehicleEF	MCY	1.13	1.13
tbIVehicleEF	MCY	0.31	0.27
tbIVehicleEF	MCY	2.2430e-003	2.2380e-003
tbIVehicleEF	MCY	3.3690e-003	2.9880e-003
tbIVehicleEF	MCY	2.0910e-003	2.0860e-003
tbIVehicleEF	MCY	3.1400e-003	2.7850e-003
tbIVehicleEF	MCY	1.42	1.42
tbIVehicleEF	MCY	0.71	0.72
tbIVehicleEF	MCY	0.74	0.74
tbIVehicleEF	MCY	2.08	2.08
tbIVehicleEF	MCY	0.34	1.23
tbIVehicleEF	MCY	1.98	1.76
tbIVehicleEF	MCY	2.0700e-003	2.0780e-003
tbIVehicleEF	MCY	6.3200e-004	5.6200e-004

tblVehicleEF	MCY	1.42	1.42
tblVehicleEF	MCY	0.71	0.72
tblVehicleEF	MCY	0.74	0.74
tblVehicleEF	MCY	2.61	2.61
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	2.16	1.92
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.39	17.39
tblVehicleEF	MCY	9.03	8.01
tblVehicleEF	MCY	172.59	210.12
tblVehicleEF	MCY	40.72	54.30
tblVehicleEF	MCY	0.96	0.96
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	3.03	3.05
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	1.95	1.97
tblVehicleEF	MCY	2.05	2.05
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.74	1.54
tblVehicleEF	MCY	2.0710e-003	2.0790e-003
tblVehicleEF	MCY	6.0500e-004	5.3700e-004
tblVehicleEF	MCY	3.03	3.05
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	1.95	1.97
tblVehicleEF	MCY	2.58	2.57

tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.89	1.68
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	16.57	16.57
tblVehicleEF	MCY	9.90	8.79
tblVehicleEF	MCY	172.59	208.84
tblVehicleEF	MCY	40.72	56.14
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	1.64	1.65
tblVehicleEF	MCY	0.93	0.94
tblVehicleEF	MCY	0.65	0.66
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	0.40	1.45
tblVehicleEF	MCY	1.94	1.71
tblVehicleEF	MCY	2.0590e-003	2.0670e-003
tblVehicleEF	MCY	6.2600e-004	5.5600e-004
tblVehicleEF	MCY	1.64	1.65
tblVehicleEF	MCY	0.93	0.94
tblVehicleEF	MCY	0.65	0.66
tblVehicleEF	MCY	2.58	2.58
tblVehicleEF	MCY	0.40	1.45
tblVehicleEF	MCY	2.11	1.87
tblVehicleEF	MDV	2.0300e-003	8.0100e-004
tblVehicleEF	MDV	1.1120e-003	0.02

tblVehicleEF	MDV	0.41	0.42
tblVehicleEF	MDV	0.52	1.66
tblVehicleEF	MDV	308.49	257.45
tblVehicleEF	MDV	65.25	50.34
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.02	0.12
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004
tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	5.1430e-003	2.4100e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	3.0820e-003	2.5440e-003
tblVehicleEF	MDV	6.6000e-004	4.9800e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	7.4620e-003	3.4640e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	2.3040e-003	9.2200e-004
tblVehicleEF	MDV	9.9100e-004	0.02
tblVehicleEF	MDV	0.50	0.52
tblVehicleEF	MDV	0.47	1.39
tblVehicleEF	MDV	335.87	272.21
tblVehicleEF	MDV	65.25	49.87

tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004
tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	5.8210e-003	2.7160e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	3.3570e-003	2.6900e-003
tblVehicleEF	MDV	6.5900e-004	4.9300e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	8.4510e-003	3.9120e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.9790e-003	7.8200e-004
tblVehicleEF	MDV	1.1100e-003	0.02
tblVehicleEF	MDV	0.39	0.40
tblVehicleEF	MDV	0.52	1.63
tblVehicleEF	MDV	302.11	253.97
tblVehicleEF	MDV	65.25	50.29
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004

tbIVehicleEF	MDV	6.3200e-004	4.6300e-004
tbIVehicleEF	MDV	8.9400e-004	5.6900e-004
tbIVehicleEF	MDV	0.04	0.05
tbIVehicleEF	MDV	0.08	0.06
tbIVehicleEF	MDV	0.04	0.05
tbIVehicleEF	MDV	5.0170e-003	2.3530e-003
tbIVehicleEF	MDV	0.04	0.19
tbIVehicleEF	MDV	0.01	0.08
tbIVehicleEF	MDV	3.0180e-003	2.5090e-003
tbIVehicleEF	MDV	6.6000e-004	4.9800e-004
tbIVehicleEF	MDV	0.04	0.05
tbIVehicleEF	MDV	0.08	0.06
tbIVehicleEF	MDV	0.04	0.05
tbIVehicleEF	MDV	7.2770e-003	3.3810e-003
tbIVehicleEF	MDV	0.04	0.19
tbIVehicleEF	MDV	0.02	0.09
tbIVehicleEF	MH	3.0780e-003	1.9990e-003
tbIVehicleEF	MH	0.01	0.02
tbIVehicleEF	MH	0.14	0.12
tbIVehicleEF	MH	3.02	1.12
tbIVehicleEF	MH	1,013.72	1,146.94
tbIVehicleEF	MH	55.50	12.67
tbIVehicleEF	MH	0.48	0.71
tbIVehicleEF	MH	0.50	0.17
tbIVehicleEF	MH	0.01	0.01
tbIVehicleEF	MH	4.3110e-003	5.8600e-003
tbIVehicleEF	MH	8.9400e-004	2.1300e-004
tbIVehicleEF	MH	3.2190e-003	3.3080e-003
tbIVehicleEF	MH	4.0920e-003	5.5770e-003
tbIVehicleEF	MH	8.2200e-004	1.9600e-004

tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.7260e-003	0.17
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	1.2500e-004
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.7260e-003	0.17
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MH	3.1500e-003	2.0350e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.13
tblVehicleEF	MH	2.77	1.03
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.51
tblVehicleEF	MH	0.44	0.65
tblVehicleEF	MH	0.48	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004
tblVehicleEF	MH	0.70	0.59
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.7150e-003	0.17
tblVehicleEF	MH	0.17	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0300e-004	1.2400e-004
tblVehicleEF	MH	0.70	0.59
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.7150e-003	0.17
tblVehicleEF	MH	0.19	0.06
tblVehicleEF	MH	3.0850e-003	2.0030e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.12
tblVehicleEF	MH	3.00	1.12
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.66
tblVehicleEF	MH	0.47	0.69
tblVehicleEF	MH	0.50	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004
tblVehicleEF	MH	0.35	0.29
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.17	0.14
tblVehicleEF	MH	0.01	0.02

tblVehicleEF	MH	2.9270e-003	0.18
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	1.2500e-004
tblVehicleEF	MH	0.35	0.29
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.17	0.14
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.9270e-003	0.18
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MHD	0.02	2.9730e-003
tblVehicleEF	MHD	1.5750e-003	4.9600e-004
tblVehicleEF	MHD	0.03	5.8120e-003
tblVehicleEF	MHD	0.29	0.32
tblVehicleEF	MHD	0.16	0.08
tblVehicleEF	MHD	2.26	0.44
tblVehicleEF	MHD	153.75	46.82
tblVehicleEF	MHD	1,078.59	773.61
tblVehicleEF	MHD	47.29	5.46
tblVehicleEF	MHD	0.40	0.25
tblVehicleEF	MHD	0.53	0.98
tblVehicleEF	MHD	11.96	1.84
tblVehicleEF	MHD	3.0000e-005	6.3000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
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tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	6.7900e-004	2.9800e-004
tblVehicleEF	MHD	0.02	9.7430e-003

tbIVehicleEF	MHD	0.02	0.01
tbIVehicleEF	MHD	4.2500e-004	1.8700e-004
tbIVehicleEF	MHD	0.03	7.2500e-003
tbIVehicleEF	MHD	8.9470e-003	0.05
tbIVehicleEF	MHD	0.15	0.03
tbIVehicleEF	MHD	1.4770e-003	4.4400e-004
tbIVehicleEF	MHD	0.01	7.3750e-003
tbIVehicleEF	MHD	5.1300e-004	5.4000e-005
tbIVehicleEF	MHD	6.7900e-004	2.9800e-004
tbIVehicleEF	MHD	0.02	9.7430e-003
tbIVehicleEF	MHD	0.03	0.02
tbIVehicleEF	MHD	4.2500e-004	1.8700e-004
tbIVehicleEF	MHD	0.03	8.4700e-003
tbIVehicleEF	MHD	8.9470e-003	0.05
tbIVehicleEF	MHD	0.17	0.03
tbIVehicleEF	MHD	0.02	2.8360e-003
tbIVehicleEF	MHD	1.5840e-003	5.0200e-004
tbIVehicleEF	MHD	0.02	5.5560e-003
tbIVehicleEF	MHD	0.21	0.28
tbIVehicleEF	MHD	0.16	0.08
tbIVehicleEF	MHD	2.11	0.41
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tbIVehicleEF	MHD	1,078.59	773.61
tbIVehicleEF	MHD	47.29	5.41
tbIVehicleEF	MHD	0.41	0.24
tbIVehicleEF	MHD	0.50	0.92
tbIVehicleEF	MHD	11.95	1.84
tbIVehicleEF	MHD	2.6000e-005	5.6000e-005
tbIVehicleEF	MHD	2.6280e-003	7.4750e-003
tbIVehicleEF	MHD	6.9500e-004	8.5000e-005

tblVehicleEF	MHD	2.5000e-005	5.3000e-005
tblVehicleEF	MHD	2.5110e-003	7.1470e-003
tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	1.2990e-003	5.6800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	8.9000e-004	3.8900e-004
tblVehicleEF	MHD	0.03	7.2680e-003
tblVehicleEF	MHD	8.9680e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.5630e-003	4.4000e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1000e-004	5.4000e-005
tblVehicleEF	MHD	1.2990e-003	5.6800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	8.9000e-004	3.8900e-004
tblVehicleEF	MHD	0.03	8.4970e-003
tblVehicleEF	MHD	8.9680e-003	0.05
tblVehicleEF	MHD	0.16	0.03
tblVehicleEF	MHD	0.02	3.1790e-003
tblVehicleEF	MHD	1.5760e-003	4.9600e-004
tblVehicleEF	MHD	0.03	5.7400e-003
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.16	0.08
tblVehicleEF	MHD	2.22	0.43
tblVehicleEF	MHD	141.16	47.47
tblVehicleEF	MHD	1,078.59	773.61
tblVehicleEF	MHD	47.29	5.45
tblVehicleEF	MHD	0.38	0.27

tblVehicleEF	MHD	0.52	0.96
tblVehicleEF	MHD	11.96	1.84
tblVehicleEF	MHD	3.7000e-005	7.2000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
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tblVehicleEF	MHD	6.3300e-004	2.7700e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.1100e-004	1.8000e-004
tblVehicleEF	MHD	0.03	7.2520e-003
tblVehicleEF	MHD	9.7910e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.3580e-003	4.5000e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1200e-004	5.4000e-005
tblVehicleEF	MHD	6.3300e-004	2.7700e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.1100e-004	1.8000e-004
tblVehicleEF	MHD	0.03	8.4730e-003
tblVehicleEF	MHD	9.7910e-003	0.05
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	OBUS	0.01	9.0480e-003
tblVehicleEF	OBUS	2.8630e-003	1.1380e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.18	0.13

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tblVehicleEF	OBUS	63.70	61.60
tblVehicleEF	OBUS	1,099.49	1,126.05
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tblVehicleEF	OBUS	0.31	0.92
tblVehicleEF	OBUS	1.58	0.83
tblVehicleEF	OBUS	1.1000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0010e-003	6.6340e-003
tblVehicleEF	OBUS	1.0960e-003	2.3300e-004
tblVehicleEF	OBUS	1.1000e-005	9.1000e-005
tblVehicleEF	OBUS	1.8890e-003	6.3250e-003
tblVehicleEF	OBUS	1.0080e-003	2.1400e-004
tblVehicleEF	OBUS	1.7850e-003	1.8400e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.4700e-004	8.8800e-004
tblVehicleEF	OBUS	0.02	8.2420e-003
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tblVehicleEF	OBUS	0.25	0.08
tblVehicleEF	OBUS	6.2000e-004	5.8700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.4200e-004	1.4700e-004
tblVehicleEF	OBUS	1.7850e-003	1.8400e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.4700e-004	8.8800e-004
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.27	0.09

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tbIVehicleEF	OBUS	2.9230e-003	1.1660e-003
tbIVehicleEF	OBUS	0.02	0.02
tbIVehicleEF	OBUS	0.24	0.54
tbIVehicleEF	OBUS	0.18	0.13
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tbIVehicleEF	OBUS	66.50	60.92
tbIVehicleEF	OBUS	1,099.49	1,126.06
tbIVehicleEF	OBUS	67.73	14.69
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tbIVehicleEF	OBUS	1.55	0.82
tbIVehicleEF	OBUS	1.0000e-005	8.5000e-005
tbIVehicleEF	OBUS	2.0010e-003	6.6340e-003
tbIVehicleEF	OBUS	1.0960e-003	2.3300e-004
tbIVehicleEF	OBUS	9.0000e-006	8.1000e-005
tbIVehicleEF	OBUS	1.8890e-003	6.3250e-003
tbIVehicleEF	OBUS	1.0080e-003	2.1400e-004
tbIVehicleEF	OBUS	3.4090e-003	3.4870e-003
tbIVehicleEF	OBUS	0.02	0.02
tbIVehicleEF	OBUS	0.03	0.05
tbIVehicleEF	OBUS	1.8280e-003	1.8700e-003
tbIVehicleEF	OBUS	0.02	8.3270e-003
tbIVehicleEF	OBUS	0.05	0.21
tbIVehicleEF	OBUS	0.23	0.08
tbIVehicleEF	OBUS	6.4700e-004	5.8100e-004
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	7.3700e-004	1.4500e-004
tbIVehicleEF	OBUS	3.4090e-003	3.4870e-003
tbIVehicleEF	OBUS	0.02	0.02

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tblVehicleEF	OBUS	1.8280e-003	1.8700e-003
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.26	0.08
tblVehicleEF	OBUS	0.01	8.9730e-003
tblVehicleEF	OBUS	2.8700e-003	1.1410e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.55
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tblVehicleEF	OBUS	1.57	0.83
tblVehicleEF	OBUS	1.4000e-005	1.1000e-004
tblVehicleEF	OBUS	2.0010e-003	6.6340e-003
tblVehicleEF	OBUS	1.0960e-003	2.3300e-004
tblVehicleEF	OBUS	1.3000e-005	1.0500e-004
tblVehicleEF	OBUS	1.8890e-003	6.3250e-003
tblVehicleEF	OBUS	1.0080e-003	2.1400e-004
tblVehicleEF	OBUS	1.7080e-003	1.7150e-003
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tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.2900e-004	8.6700e-004
tblVehicleEF	OBUS	0.02	8.2510e-003
tblVehicleEF	OBUS	0.05	0.22
tblVehicleEF	OBUS	0.25	0.08

tblVehicleEF	OBUS	5.8300e-004	5.9600e-004
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tblVehicleEF	OBUS	7.4200e-004	1.4700e-004
tblVehicleEF	OBUS	1.7080e-003	1.7150e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06
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tblVehicleEF	OBUS	0.02	0.01
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tblVehicleEF	SBUS	0.84	0.07
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tblVehicleEF	SBUS	0.05	5.9990e-003
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tblVehicleEF	SBUS	1,009.44	797.71
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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.6000e-004	2.8300e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005

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tblVehicleEF	SBUS	6.0300e-004	4.3000e-005
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tblVehicleEF	SBUS	1.4100e-004	2.6300e-004

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tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
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tblVehicleEF	SBUS	9.1300e-003	2.9130e-003
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tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	4.8940e-003	1.5610e-003
tblVehicleEF	SBUS	0.04	9.9490e-003
tblVehicleEF	SBUS	0.01	0.06
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tblVehicleEF	SBUS	1.32	0.48
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tblVehicleEF	SBUS	0.26	0.03
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tblVehicleEF	SBUS	5.35	0.68

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tblVehicleEF	SBUS	12.25	1.95
tblVehicleEF	SBUS	2.0400e-004	3.4200e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.9500e-004	3.2700e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005
tblVehicleEF	SBUS	4.5130e-003	1.4240e-003
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tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	2.2490e-003	7.2700e-004
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tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	9.5830e-003	2.5680e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	6.0300e-004	4.3000e-005
tblVehicleEF	SBUS	4.5130e-003	1.4240e-003
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tblVehicleEF	SBUS	1.32	0.47
tblVehicleEF	SBUS	2.2490e-003	7.2700e-004
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tblVehicleEF	SBUS	0.33	0.04
tblVehicleEF	UBUS	0.79	4.23
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tblVehicleEF	UBUS	3.89	32.93
tblVehicleEF	UBUS	7.80	1.43
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	14.28
tblVehicleEF	UBUS	0.44	0.41
tblVehicleEF	UBUS	11.66	0.28
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	4.8450e-003	1.5660e-003
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.0640e-003	9.3600e-004
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.75	0.07
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.6140e-003	1.4100e-004
tblVehicleEF	UBUS	4.8450e-003	1.5660e-003
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.0640e-003	9.3600e-004
tblVehicleEF	UBUS	0.81	4.32
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.82	0.08
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	3.90	32.93
tblVehicleEF	UBUS	6.46	1.18
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	13.85
tblVehicleEF	UBUS	0.40	0.40
tblVehicleEF	UBUS	11.59	0.26
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	8.9640e-003	2.9660e-003
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.6200e-003	2.0890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.67	0.06
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.5910e-003	1.3700e-004
tblVehicleEF	UBUS	8.9640e-003	2.9660e-003
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.6200e-003	2.0890e-003
tblVehicleEF	UBUS	0.82	4.32
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.74	0.07
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	3.89	32.93
tblVehicleEF	UBUS	7.58	1.40
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	14.22
tblVehicleEF	UBUS	0.43	0.41
tblVehicleEF	UBUS	11.65	0.27
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	4.5770e-003	1.5720e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	2.9830e-003	9.1600e-004
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.08
tblVehicleEF	UBUS	0.74	0.07
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.6110e-003	1.4100e-004
tblVehicleEF	UBUS	4.5770e-003	1.5720e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	2.9830e-003	9.1600e-004
tblVehicleEF	UBUS	0.81	4.32
tblVehicleEF	UBUS	0.02	0.08

tblVehicleEF	UBUS	0.81	0.07
tblVehicleTrips	ST_TR	204.47	76.44
tblVehicleTrips	ST_TR	696.00	173.15
tblVehicleTrips	ST_TR	1.50	1.84
tblVehicleTrips	ST_TR	1.32	5.12
tblVehicleTrips	ST_TR	2.46	9.74
tblVehicleTrips	ST_TR	158.37	56.08
tblVehicleTrips	ST_TR	1.49	3.93
tblVehicleTrips	ST_TR	49.97	25.54
tblVehicleTrips	ST_TR	1.68	1.73
tblVehicleTrips	SU_TR	166.88	76.44
tblVehicleTrips	SU_TR	500.00	173.15
tblVehicleTrips	SU_TR	1.50	1.84
tblVehicleTrips	SU_TR	0.68	5.12
tblVehicleTrips	SU_TR	1.05	9.74
tblVehicleTrips	SU_TR	131.84	56.08
tblVehicleTrips	SU_TR	0.62	3.93
tblVehicleTrips	SU_TR	25.24	25.54
tblVehicleTrips	SU_TR	1.68	1.73
tblVehicleTrips	WD_TR	542.60	76.44
tblVehicleTrips	WD_TR	716.00	173.15
tblVehicleTrips	WD_TR	1.50	1.84
tblVehicleTrips	WD_TR	6.97	5.12
tblVehicleTrips	WD_TR	11.03	9.74
tblVehicleTrips	WD_TR	127.15	56.08
tblVehicleTrips	WD_TR	3.82	3.93
tblVehicleTrips	WD_TR	42.70	25.54
tblVehicleTrips	WD_TR	1.68	1.73

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					
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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

	ROG	NOx	CO	SO2	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					
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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	lb/day										lb/day					
Area	619.0131	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282
Energy	10.6055	96.4139	80.9877	0.5785		7.3275	7.3275		7.3275	7.3275		115,696.7187	115,696.7187	2.2175	2.1211	116,384.2464
Mobile	74.9558	276.8881	924.0169	3.3132	419.2379	2.5577	421.7956	111.8841	2.4237	114.3078		342,519.102	342,519.102	13.0855		342,846.2471
Total	704.5744	373.3256	1,007.6299	3.8919	419.2379	9.8945	429.1324	111.8841	9.7605	121.6445		458,221.4923	458,221.4923	15.3176	2.1211	459,236.5217

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	544.6971	0.0131	1.5216	1.0000e-004		3.9500e-003	3.9500e-003		3.9500e-003	3.9500e-003		3.0523	3.0523	6.1800e-003		3.2068
Energy	8.9627	81.4793	68.4426	0.4889		6.1924	6.1924		6.1924	6.1924		97,775.1432	97,775.1432	1.8740	1.7925	98,356.1720
Mobile	74.9558	276.8881	924.0169	3.3132	419.2379	2.5577	421.7956	111.8841	2.4237	114.3078		342,519.102	342,519.102	13.0855		342,846.2471
Total	628.6156	358.3804	993.9811	3.8022	419.2379	8.7541	427.9920	111.8841	8.6201	120.5042		440,297.3058	440,297.3058	14.9657	1.7925	441,205.6259

	ROG	NOx	CO	SO2	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	10.78	4.00	1.35	2.30	0.00	11.53	0.27	0.00	11.68	0.94	0.00	3.91	3.91	2.30	15.49	3.93

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/31/2045	12/31/2045	5	0	
2	Site Preparation	Site Preparation	12/31/2045	12/31/2045	5	0	
3	Grading	Grading	12/31/2045	12/31/2045	5	0	
4	Building Construction	Building Construction	12/31/2045	12/31/2045	5	0	
5	Paving	Paving	12/31/2045	12/31/2045	5	0	
6	Architectural Coating	Architectural Coating	12/31/2045	12/31/2045	5	0	

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: 38,770,668; Non-Residential Outdoor: 12,923,556; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	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

Mitigated Construction Off-Site

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

3.4 Grading - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.7 Architectural Coating - 2045

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	lb/day										lb/day					
Mitigated	74.9558	276.8881	924.0169	3.3132	419.2379	2.5577	421.7956	111.8841	2.4237	114.3078	342,519.102	342,519.102	13.0855	13.0855		342,846.2471

General Light Industry	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
High Turnover (Sit Down Restaurant)	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Manufacturing	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
Regional Shopping Center	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Pail	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.9627	81.4793	68.4426	0.4889		6.1924	6.1924		6.1924	6.1924	97,775.1432	97,775.1432	1.8740	1.7925		98,356.1720
NaturalGas Unmitigated	10.6055	96.4139	80.9877	0.5785		7.3275	7.3275		7.3275	7.3275	115,696.7187	115,696.7187	2.2175	2.1211		116,384.2464

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
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Land Use	kBTU/yr	lb/day								lb/day				
Convenience Market With Gas	30.9115	3.3000e-004	3.0300e-003	2.5500e-003	2.0000e-005	2.3000e-004	2.3000e-004	2.3000e-004	2.3000e-004	3.6367	3.6367	7.0000e-005	7.0000e-005	3.6583
Fast Food Restaurant w/o Drive Thru	4869.48	0.0525	0.4774	0.4010	2.8600e-003	0.0363	0.0363	0.0363	0.0363	572.8799	572.8799	0.0110	0.0105	576.2843
General Heavy Industry	244788	2.6399	23.9988	20.1590	0.1440	1.8239	1.8239	1.8239	1.8239	28,798.5496	28,798.5496	0.5520	0.5280	28,969.6849
General Light Industry	224767	2.4240	22.0360	18.5102	0.1322	1.6747	1.6747	1.6747	1.6747	26,443.1424	26,443.1424	0.5068	0.4848	26,600.2807
General Office Building	3279.86	0.0354	0.3216	0.2701	1.9300e-003	0.0244	0.0244	0.0244	0.0244	385.8662	385.8662	7.4000e-003	7.0700e-003	388.1593
High Turnover (Sit Down Restaurant)	13484.7	0.1454	1.3220	1.1105	7.9300e-003	0.1005	0.1005	0.1005	0.1005	1,586.43677	1,586.43677	0.0304	0.0291	1,595.8641
Manufacturing	405170	4.3695	39.7225	33.3669	0.2383	3.0189	3.0189	3.0189	3.0189	47,667.0451	47,667.0451	0.9136	0.8739	47,950.3065
Regional Shopping Center	200.712	2.1600e-003	0.0197	0.0165	1.2000e-004	1.5000e-003	1.5000e-003	1.5000e-003	1.5000e-003	23.6132	23.6132	4.5000e-004	4.3000e-004	23.7535
Unrefrigerated Warehouse-No Drive Thru	86832.2	0.9364	8.5130	7.1509	0.0511	0.6470	0.6470	0.6470	0.6470	10,215.5489	10,215.5489	0.1958	0.1873	10,276.2548
Total		10.6055	96.4139	80.9877	0.5785	7.3275	7.3275	7.3275	7.3275	115,696.7187	115,696.7187	2.2175	2.1211	116,384.2464

Mitigated

Land Use	Natural Gas Use	kBTU/yr	lb/day								lb/day					
			ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4
Convenience Market With Gas	0.0228912	2.5000e-004	2.2400e-003	1.8900e-003	1.0000e-005	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	2.6931	2.6931	5.0000e-005	5.0000e-005	2.7091
Fast Food Restaurant w/o Drive Thru	4.45453	0.0480	0.4367	0.3668	2.6200e-003	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	524.0624	524.0624	0.0100	9.6100e-003	527.1766
General Heavy Industry	210.07	2.2655	20.5951	17.2999	0.1236	1.5652	1.5652	1.5652	1.5652	1.5652	1.5652	24,714.1015	24,714.1015	0.4737	0.4531	24,860.9651
General Light Industry	192.888	2.0802	18.9106	15.8849	0.1135	1.4372	1.4372	1.4372	1.4372	1.4372	1.4372	22,692.7576	22,692.7576	0.4349	0.4160	22,827.6094
General Office Building	2.2959	0.0248	0.2251	0.1891	1.3500e-003	0.0171	0.0171	0.0171	0.0171	0.0171	0.0171	270.1064	270.1064	5.1800e-003	4.9500e-003	271.7115
High Turnover (Sit Down Restaurant)	12.3356	0.1330	1.2094	1.0159	7.2600e-003	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	1,451.2496	1,451.2496	0.0278	0.0266	1,459.8737

Manufacturing	347.705	3.7498	34.0888	28.6346	0.2045		2.5908	2.5908		2.5908	2.5908		40,906.5113	40,906.5113	0.7840	0.7500	41,149.5982
Regional Shopping Center	0.148636	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4865	17.4865	3.4000e-004	3.2000e-004	17.5905
Unrefrigerated Warehouse-No	61.1675	0.6597	5.9968	5.0373	0.0360		0.4558	0.4558		0.4558	0.4558		7,196.1748	7,196.1748	0.1379	0.1319	7,238.9381
Total		8.9627	81.4793	68.4426	0.4889		6.1924	6.1924		6.1924	6.1924		97,775.1433	97,775.1433	1.8740	1.7925	98,356.1720

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	544.6971	0.0131	1.5216	1.0000e-004		3.9500e-003	3.9500e-003		3.9500e-003	3.9500e-003		3.0523	3.0523	6.1800e-003		3.2068
Unmitigated	619.0131	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282

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	65.6446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	553.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.2402	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282
Total	619.0131	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282

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	32.8223					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	511.7728					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.1020	0.0131	1.5216	1.0000e-004		3.9500e-003	3.9500e-003		3.9500e-003	3.9500e-003		3.0523	3.0523	6.1800e-003		3.2068
Total	544.6971	0.0131	1.5216	1.0000e-004		3.9500e-003	3.9500e-003		3.9500e-003	3.9500e-003		3.0523	3.0523	6.1800e-003		3.2068

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

SCLA Specific Plan EIR - Mitigated Operational - San Bernardino-Mojave Desert County, Winter

SCLA Specific Plan EIR - Mitigated Operational
San Bernardino-Mojave Desert County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	345.00	1000sqft	799.20	345,000.00	0
General Heavy Industry	2,750.00	1000sqft	799.20	2,750,000.00	0
General Light Industry	2,525.08	1000sqft	799.20	2,525,080.00	0
Manufacturing	4,551.77	1000sqft	799.20	4,551,770.00	0
Unrefrigerated Warehouse-No Rail	15,612.68	1000sqft	797.76	15,612,680.00	0
Fast Food Restaurant w/o Drive Thru	6.50	1000sqft	0.15	6,500.00	0
High Turnover (Sit Down Restaurant)	18.00	1000sqft	0.41	18,000.00	0
Convenience Market With Gas Pumps	36.00	Pump	0.12	5,082.30	0
Regional Shopping Center	33.00	1000sqft	0.76	33,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2050
Utility Company	Statewide Average				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Statewide Average with 100% reduction due to goals & regulation in SB 100 (2045 - 100% renewable energy).

Land Use - Based off the Land Use Intensities in the Michael Baker International, Southern California Logistics Airport Specific Plan Traffic Impact Analysis, April 23, 2020, and information from the Applicant
 Construction Phase - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Off-road Equipment - Operational Run Only.

Grading - Operational Run Only.

Architectural Coating - MDAQMD Rule 1113

Vehicle Trips - Per the traffic study the project would have 71,971 ADT.

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Vehicle Emission Factors - EMFAC2017 Model Run for San Bernardino County (2050)

Area Coating - MDAQMD Rule 1113

Energy Use -

Mobile Land Use Mitigation -

Area Mitigation - MDAQMD Rule 1113

Energy Mitigation - 2019 Title 24 Requirements are 30% more efficient than model 2016 Title 24 standards.

Water Mitigation - 2019 Title 24 & CalGreen.

Waste Mitigation - AB 341 post 2020 requirement.

Fleet Mix - According to the TIA and communication with the traffic engineer, only the manufacturing, warehousing, and light industrial uses would have truck trips that 100% LPA (percentage) was assumed

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_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100

tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	50
tblConstructionPhase	NumDays	11,000.00	0.00
tblConstructionPhase	NumDays	155,000.00	0.00
tblConstructionPhase	NumDays	10,000.00	0.00
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tbFleetMix	LHD1	8.5950e-003	0.00
tbFleetMix	LHD1	8.5950e-003	8.7560e-003
tbFleetMix	LHD1	8.5950e-003	0.00
tbFleetMix	LHD1	8.5950e-003	8.7560e-003

tbFleetMix	LHD2	4.0480e-003	0.00
tbFleetMix	LHD2	4.0480e-003	0.00
tbFleetMix	LHD2	4.0480e-003	0.00
tbFleetMix	LHD2	4.0480e-003	4.0540e-003
tbFleetMix	LHD2	4.0480e-003	0.00
tbFleetMix	LHD2	4.0480e-003	0.00
tbFleetMix	LHD2	4.0480e-003	4.0540e-003
tbFleetMix	LHD2	4.0480e-003	0.00
tbFleetMix	LHD2	4.0480e-003	4.0540e-003
tbFleetMix	MCY	5.2680e-003	0.00
tbFleetMix	MCY	5.2680e-003	0.00
tbFleetMix	MCY	5.2680e-003	0.00
tbFleetMix	MCY	5.2680e-003	5.2780e-003
tbFleetMix	MCY	5.2680e-003	0.00
tbFleetMix	MCY	5.2680e-003	0.00
tbFleetMix	MCY	5.2680e-003	5.2780e-003
tbFleetMix	MCY	5.2680e-003	0.00
tbFleetMix	MCY	5.2680e-003	5.2780e-003
tbFleetMix	MDV	0.10	0.00
tbFleetMix	MDV	0.10	0.00
tbFleetMix	MDV	0.10	0.00
tbFleetMix	MDV	0.10	0.10
tbFleetMix	MDV	0.10	0.00
tbFleetMix	MDV	0.10	0.00
tbFleetMix	MDV	0.10	0.10
tbFleetMix	MDV	0.10	0.00
tbFleetMix	MDV	0.10	0.10
tbFleetMix	MH	5.0700e-004	0.00
tbFleetMix	MH	5.0700e-004	0.00
tbFleetMix	MH	5.0700e-004	0.00

tbIFleetMix	MH	5.0700e-004	5.1200e-004
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	5.1200e-004
tbIFleetMix	MH	5.0700e-004	0.00
tbIFleetMix	MH	5.0700e-004	5.1200e-004
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.02
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.02
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.02
tbIFleetMix	MHD	0.02	0.00
tbIFleetMix	MHD	0.02	0.02
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	1.3890e-003
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	1.3890e-003
tbIFleetMix	OBUS	1.3930e-003	0.00
tbIFleetMix	OBUS	1.3930e-003	1.3890e-003
tbIFleetMix	SBUS	7.0100e-004	0.00
tbIFleetMix	SBUS	7.0100e-004	0.00
tbIFleetMix	SBUS	7.0100e-004	0.00
tbIFleetMix	SBUS	7.0100e-004	7.1900e-004
tbIFleetMix	SBUS	7.0100e-004	0.00
tbIFleetMix	SBUS	7.0100e-004	0.00

tblFleetMix	SBUS	7.0100e-004	7.1900e-004
tblFleetMix	SBUS	7.0100e-004	0.00
tblFleetMix	SBUS	7.0100e-004	7.1900e-004
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	1.2680e-003
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	1.2680e-003
tblFleetMix	UBUS	1.2670e-003	0.00
tblFleetMix	UBUS	1.2670e-003	1.2680e-003
tblLandUse	LandUseSquareFeet	15,612,700.00	15,612,680.00
tblLandUse	LotAcreage	7.92	799.20
tblLandUse	LotAcreage	63.13	799.20
tblLandUse	LotAcreage	57.97	799.20
tblLandUse	LotAcreage	104.49	799.20
tblLandUse	LotAcreage	358.42	797.76
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	1001.57	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleEF	HHD	0.83	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.11	8.88
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.64	2.2740e-003
tblVehicleEF	HHD	6,274.34	1,131.00
tblVehicleEF	HHD	1,396.15	957.24
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	17.41	7.10
tblVehicleEF	HHD	1.08	1.93
tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	1.7080e-003	2.5610e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.6340e-003	2.4500e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003

tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	6.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.0270e-003	3.0000e-005
tblVehicleEF	HHD	0.56	0.60
tblVehicleEF	HHD	3.9000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.3800e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.6000e-005	0.00
tblVehicleEF	HHD	6.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.0270e-003	3.0000e-005
tblVehicleEF	HHD	0.65	0.68
tblVehicleEF	HHD	3.9000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.3800e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.78	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.53	8.76
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.53	2.1260e-003
tblVehicleEF	HHD	6,647.11	1,116.18
tblVehicleEF	HHD	1,396.15	957.25
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	17.97	6.75
tblVehicleEF	HHD	1.02	1.82

tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	1.4400e-003	2.2760e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.3780e-003	2.1770e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003
tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	2.2440e-003	3.3000e-005
tblVehicleEF	HHD	0.53	0.63
tblVehicleEF	HHD	8.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.3900e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.4000e-005	0.00
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	2.2440e-003	3.3000e-005
tblVehicleEF	HHD	0.61	0.72
tblVehicleEF	HHD	8.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.10	0.05
tblVehicleEF	HHD	1.3900e-004	1.4700e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.91	9.03
tblVehicleEF	HHD	0.55	0.30
tblVehicleEF	HHD	1.61	2.2370e-003
tblVehicleEF	HHD	5,759.57	1,151.45
tblVehicleEF	HHD	1,396.15	957.24
tblVehicleEF	HHD	4.91	0.02
tblVehicleEF	HHD	16.63	7.59
tblVehicleEF	HHD	1.07	1.90
tblVehicleEF	HHD	20.19	2.35
tblVehicleEF	HHD	2.0790e-003	2.9560e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	4.8890e-003	0.02
tblVehicleEF	HHD	6.1000e-005	0.00
tblVehicleEF	HHD	1.9890e-003	2.8280e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8770e-003	8.9080e-003
tblVehicleEF	HHD	4.6770e-003	0.02
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	5.7000e-005	1.0000e-006
tblVehicleEF	HHD	2.1340e-003	3.1000e-005
tblVehicleEF	HHD	0.61	0.55
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.06	0.02
tblVehicleEF	HHD	1.5100e-004	1.6100e-004
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	8.8470e-003
tblVehicleEF	HHD	7.5000e-005	0.00

tbIVehicleEF	HHD	5.7000e-005	1.0000e-006
tbIVehicleEF	HHD	2.1340e-003	3.1000e-005
tbIVehicleEF	HHD	0.70	0.63
tbIVehicleEF	HHD	3.7000e-005	1.0000e-006
tbIVehicleEF	HHD	0.10	0.05
tbIVehicleEF	HHD	1.5100e-004	1.6100e-004
tbIVehicleEF	HHD	0.03	0.00
tbIVehicleEF	LDA	1.2210e-003	5.8400e-004
tbIVehicleEF	LDA	4.7700e-004	0.02
tbIVehicleEF	LDA	0.24	0.36
tbIVehicleEF	LDA	0.30	1.26
tbIVehicleEF	LDA	162.22	182.70
tbIVehicleEF	LDA	34.63	35.74
tbIVehicleEF	LDA	0.02	0.02
tbIVehicleEF	LDA	0.01	0.11
tbIVehicleEF	LDA	5.5000e-004	4.7100e-004
tbIVehicleEF	LDA	7.9200e-004	6.0900e-004
tbIVehicleEF	LDA	5.0600e-004	4.3300e-004
tbIVehicleEF	LDA	7.2800e-004	5.6000e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	9.2080e-003	0.01
tbIVehicleEF	LDA	3.0650e-003	1.6070e-003
tbIVehicleEF	LDA	0.02	0.14
tbIVehicleEF	LDA	6.4280e-003	0.06
tbIVehicleEF	LDA	1.6220e-003	1.8070e-003
tbIVehicleEF	LDA	3.5000e-004	3.5400e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	9.2080e-003	0.01

tblVehicleEF	LDA	4.4570e-003	2.3290e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	7.0380e-003	0.06
tblVehicleEF	LDA	1.3920e-003	6.7400e-004
tblVehicleEF	LDA	3.9800e-004	0.01
tblVehicleEF	LDA	0.30	0.45
tblVehicleEF	LDA	0.25	1.07
tblVehicleEF	LDA	177.52	199.49
tblVehicleEF	LDA	34.63	35.40
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	9.5520e-003	0.10
tblVehicleEF	LDA	5.5000e-004	4.7100e-004
tblVehicleEF	LDA	7.9200e-004	6.0900e-004
tblVehicleEF	LDA	5.0600e-004	4.3300e-004
tblVehicleEF	LDA	7.2800e-004	5.6000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	3.4880e-003	1.8230e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	5.3660e-003	0.05
tblVehicleEF	LDA	1.7760e-003	1.9730e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.0740e-003	2.6450e-003
tblVehicleEF	LDA	0.02	0.14
tblVehicleEF	LDA	5.8750e-003	0.05
tblVehicleEF	LDA	1.1890e-003	5.7000e-004
tblVehicleEF	LDA	4.7500e-004	0.02

tbIVehicleEF	LDA	0.23	0.34
tbIVehicleEF	LDA	0.29	1.24
tbIVehicleEF	LDA	158.60	178.76
tbIVehicleEF	LDA	34.63	35.71
tbIVehicleEF	LDA	0.02	0.02
tbIVehicleEF	LDA	0.01	0.11
tbIVehicleEF	LDA	5.5000e-004	4.7100e-004
tbIVehicleEF	LDA	7.9200e-004	6.0900e-004
tbIVehicleEF	LDA	5.0600e-004	4.3300e-004
tbIVehicleEF	LDA	7.2800e-004	5.6000e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	8.5160e-003	0.01
tbIVehicleEF	LDA	2.9850e-003	1.5670e-003
tbIVehicleEF	LDA	0.03	0.16
tbIVehicleEF	LDA	6.4050e-003	0.06
tbIVehicleEF	LDA	1.5860e-003	1.7680e-003
tbIVehicleEF	LDA	3.5000e-004	3.5300e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	8.5160e-003	0.01
tbIVehicleEF	LDA	4.3410e-003	2.2700e-003
tbIVehicleEF	LDA	0.03	0.16
tbIVehicleEF	LDA	7.0130e-003	0.06
tbIVehicleEF	LDT1	1.6300e-003	6.2400e-004
tbIVehicleEF	LDT1	6.5800e-004	0.02
tbIVehicleEF	LDT1	0.31	0.38
tbIVehicleEF	LDT1	0.38	1.33
tbIVehicleEF	LDT1	204.30	214.32
tbIVehicleEF	LDT1	44.26	42.86

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004
tblVehicleEF	LDT1	6.2200e-004	4.6000e-004
tblVehicleEF	LDT1	9.1100e-004	6.1500e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	4.0420e-003	1.7040e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	8.8770e-003	0.06
tblVehicleEF	LDT1	2.0440e-003	2.1210e-003
tblVehicleEF	LDT1	4.4800e-004	4.2400e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	5.8960e-003	2.4850e-003
tblVehicleEF	LDT1	0.03	0.17
tblVehicleEF	LDT1	9.7190e-003	0.07
tblVehicleEF	LDT1	1.8530e-003	7.1900e-004
tblVehicleEF	LDT1	5.5000e-004	0.02
tblVehicleEF	LDT1	0.38	0.46
tblVehicleEF	LDT1	0.31	1.12
tblVehicleEF	LDT1	223.10	231.16
tblVehicleEF	LDT1	44.26	42.50
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.11
tblVehicleEF	LDT1	6.7600e-004	5.0100e-004
tblVehicleEF	LDT1	9.9100e-004	6.6900e-004

tbIVehicleEF	LDT1	6.2200e-004	4.6000e-004
tbIVehicleEF	LDT1	9.1100e-004	6.1500e-004
tbIVehicleEF	LDT1	0.04	0.06
tbIVehicleEF	LDT1	0.05	0.05
tbIVehicleEF	LDT1	0.04	0.05
tbIVehicleEF	LDT1	4.5930e-003	1.9360e-003
tbIVehicleEF	LDT1	0.03	0.17
tbIVehicleEF	LDT1	7.4160e-003	0.05
tbIVehicleEF	LDT1	2.2330e-003	2.2880e-003
tbIVehicleEF	LDT1	4.4700e-004	4.2100e-004
tbIVehicleEF	LDT1	0.04	0.06
tbIVehicleEF	LDT1	0.05	0.05
tbIVehicleEF	LDT1	0.04	0.05
tbIVehicleEF	LDT1	6.7000e-003	2.8240e-003
tbIVehicleEF	LDT1	0.03	0.17
tbIVehicleEF	LDT1	8.1200e-003	0.06
tbIVehicleEF	LDT1	1.5890e-003	6.0900e-004
tbIVehicleEF	LDT1	6.5600e-004	0.02
tbIVehicleEF	LDT1	0.29	0.36
tbIVehicleEF	LDT1	0.37	1.31
tbIVehicleEF	LDT1	199.87	210.33
tbIVehicleEF	LDT1	44.26	42.82
tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	0.01	0.12
tbIVehicleEF	LDT1	6.7600e-004	5.0100e-004
tbIVehicleEF	LDT1	9.9100e-004	6.6900e-004
tbIVehicleEF	LDT1	6.2200e-004	4.6000e-004
tbIVehicleEF	LDT1	9.1100e-004	6.1500e-004
tbIVehicleEF	LDT1	0.02	0.03
tbIVehicleEF	LDT1	0.04	0.05

tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	3.9390e-003	1.6600e-003
tbIVehicleEF	LDT1	0.04	0.20
tbIVehicleEF	LDT1	8.8500e-003	0.06
tbIVehicleEF	LDT1	2.0000e-003	2.0810e-003
tbIVehicleEF	LDT1	4.4800e-004	4.2400e-004
tbIVehicleEF	LDT1	0.02	0.03
tbIVehicleEF	LDT1	0.04	0.05
tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	5.7450e-003	2.4220e-003
tbIVehicleEF	LDT1	0.04	0.20
tbIVehicleEF	LDT1	9.6900e-003	0.07
tbIVehicleEF	LDT2	1.8520e-003	8.0800e-004
tbIVehicleEF	LDT2	9.4600e-004	0.02
tbIVehicleEF	LDT2	0.38	0.43
tbIVehicleEF	LDT2	0.46	1.70
tbIVehicleEF	LDT2	237.56	213.49
tbIVehicleEF	LDT2	51.25	42.77
tbIVehicleEF	LDT2	0.03	0.02
tbIVehicleEF	LDT2	0.02	0.11
tbIVehicleEF	LDT2	6.6300e-004	5.2800e-004
tbIVehicleEF	LDT2	9.5100e-004	6.3500e-004
tbIVehicleEF	LDT2	6.1000e-004	4.8700e-004
tbIVehicleEF	LDT2	8.7400e-004	5.8400e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	4.6110e-003	2.4080e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.08

tbIVehicleEF	LDT2	2.3770e-003	2.1120e-003
tbIVehicleEF	LDT2	5.1900e-004	4.2300e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	6.7180e-003	3.4670e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.09
tbIVehicleEF	LDT2	2.1050e-003	9.3000e-004
tbIVehicleEF	LDT2	8.5200e-004	0.02
tbIVehicleEF	LDT2	0.46	0.53
tbIVehicleEF	LDT2	0.42	1.43
tbIVehicleEF	LDT2	259.40	228.68
tbIVehicleEF	LDT2	51.25	42.29
tbIVehicleEF	LDT2	0.02	0.02
tbIVehicleEF	LDT2	0.02	0.10
tbIVehicleEF	LDT2	6.6300e-004	5.2800e-004
tbIVehicleEF	LDT2	9.5100e-004	6.3500e-004
tbIVehicleEF	LDT2	6.1000e-004	4.8700e-004
tbIVehicleEF	LDT2	8.7400e-004	5.8400e-004
tbIVehicleEF	LDT2	0.04	0.07
tbIVehicleEF	LDT2	0.04	0.05
tbIVehicleEF	LDT2	0.04	0.06
tbIVehicleEF	LDT2	5.2360e-003	2.7170e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.07
tbIVehicleEF	LDT2	2.5970e-003	2.2620e-003
tbIVehicleEF	LDT2	5.1800e-004	4.1800e-004
tbIVehicleEF	LDT2	0.04	0.07
tbIVehicleEF	LDT2	0.04	0.05

tbIVehicleEF	LDT2	0.04	0.06
tbIVehicleEF	LDT2	7.6310e-003	3.9180e-003
tbIVehicleEF	LDT2	0.03	0.16
tbIVehicleEF	LDT2	0.01	0.08
tbIVehicleEF	LDT2	1.8040e-003	7.8800e-004
tbIVehicleEF	LDT2	9.4400e-004	0.02
tbIVehicleEF	LDT2	0.36	0.41
tbIVehicleEF	LDT2	0.46	1.68
tbIVehicleEF	LDT2	232.43	209.90
tbIVehicleEF	LDT2	51.25	42.73
tbIVehicleEF	LDT2	0.02	0.02
tbIVehicleEF	LDT2	0.02	0.11
tbIVehicleEF	LDT2	6.6300e-004	5.2800e-004
tbIVehicleEF	LDT2	9.5100e-004	6.3500e-004
tbIVehicleEF	LDT2	6.1000e-004	4.8700e-004
tbIVehicleEF	LDT2	8.7400e-004	5.8400e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	4.4930e-003	2.3500e-003
tbIVehicleEF	LDT2	0.03	0.19
tbIVehicleEF	LDT2	0.01	0.08
tbIVehicleEF	LDT2	2.3260e-003	2.0760e-003
tbIVehicleEF	LDT2	5.1900e-004	4.2300e-004
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	0.04	0.04
tbIVehicleEF	LDT2	0.02	0.03
tbIVehicleEF	LDT2	6.5470e-003	3.3820e-003
tbIVehicleEF	LDT2	0.03	0.19
tbIVehicleEF	LDT2	0.01	0.09

tbIVehicleEF	LHD1	2.3700e-003	3.1740e-003
tbIVehicleEF	LHD1	1.4740e-003	1.2820e-003
tbIVehicleEF	LHD1	2.4440e-003	4.6000e-003
tbIVehicleEF	LHD1	0.12	0.17
tbIVehicleEF	LHD1	0.15	0.13
tbIVehicleEF	LHD1	0.92	0.71
tbIVehicleEF	LHD1	8.77	7.34
tbIVehicleEF	LHD1	529.63	507.43
tbIVehicleEF	LHD1	20.81	8.07
tbIVehicleEF	LHD1	0.04	0.03
tbIVehicleEF	LHD1	0.06	0.08
tbIVehicleEF	LHD1	0.23	0.17
tbIVehicleEF	LHD1	5.9400e-004	1.0370e-003
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	3.7090e-003	3.0240e-003
tbIVehicleEF	LHD1	4.3300e-004	1.7200e-004
tbIVehicleEF	LHD1	5.6800e-004	9.9200e-004
tbIVehicleEF	LHD1	2.6620e-003	2.5100e-003
tbIVehicleEF	LHD1	3.5340e-003	2.8720e-003
tbIVehicleEF	LHD1	3.9800e-004	1.5800e-004
tbIVehicleEF	LHD1	8.8800e-004	1.1440e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	5.6300e-004	7.2100e-004
tbIVehicleEF	LHD1	0.02	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	8.6000e-005	7.1000e-005
tbIVehicleEF	LHD1	5.1590e-003	4.9370e-003
tbIVehicleEF	LHD1	2.2300e-004	8.0000e-005

tbIVehicleEF	LHD1	8.8800e-004	1.1440e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.02
tbIVehicleEF	LHD1	5.6300e-004	7.2100e-004
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.04	0.02
tbIVehicleEF	LHD1	2.3700e-003	3.1830e-003
tbIVehicleEF	LHD1	1.4850e-003	1.2960e-003
tbIVehicleEF	LHD1	2.3260e-003	4.3920e-003
tbIVehicleEF	LHD1	0.12	0.17
tbIVehicleEF	LHD1	0.15	0.13
tbIVehicleEF	LHD1	0.87	0.67
tbIVehicleEF	LHD1	8.77	7.34
tbIVehicleEF	LHD1	529.63	507.43
tbIVehicleEF	LHD1	20.81	8.00
tbIVehicleEF	LHD1	0.04	0.03
tbIVehicleEF	LHD1	0.05	0.08
tbIVehicleEF	LHD1	0.22	0.16
tbIVehicleEF	LHD1	5.9400e-004	1.0370e-003
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	3.7090e-003	3.0240e-003
tbIVehicleEF	LHD1	4.3300e-004	1.7200e-004
tbIVehicleEF	LHD1	5.6800e-004	9.9200e-004
tbIVehicleEF	LHD1	2.6620e-003	2.5100e-003
tbIVehicleEF	LHD1	3.5340e-003	2.8720e-003
tbIVehicleEF	LHD1	3.9800e-004	1.5800e-004
tbIVehicleEF	LHD1	1.6870e-003	2.1770e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.01

tbIVehicleEF	LHD1	1.1580e-003	1.4920e-003
tbIVehicleEF	LHD1	0.02	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	8.6000e-005	7.1000e-005
tbIVehicleEF	LHD1	5.1590e-003	4.9370e-003
tbIVehicleEF	LHD1	2.2200e-004	7.9000e-005
tbIVehicleEF	LHD1	1.6870e-003	2.1770e-003
tbIVehicleEF	LHD1	0.02	0.03
tbIVehicleEF	LHD1	0.01	0.02
tbIVehicleEF	LHD1	1.1580e-003	1.4920e-003
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	0.05	0.14
tbIVehicleEF	LHD1	0.03	0.02
tbIVehicleEF	LHD1	2.3700e-003	3.1760e-003
tbIVehicleEF	LHD1	1.4760e-003	1.2840e-003
tbIVehicleEF	LHD1	2.4240e-003	4.5650e-003
tbIVehicleEF	LHD1	0.12	0.17
tbIVehicleEF	LHD1	0.15	0.13
tbIVehicleEF	LHD1	0.91	0.71
tbIVehicleEF	LHD1	8.77	7.34
tbIVehicleEF	LHD1	529.63	507.43
tbIVehicleEF	LHD1	20.81	8.05
tbIVehicleEF	LHD1	0.04	0.03
tbIVehicleEF	LHD1	0.06	0.08
tbIVehicleEF	LHD1	0.23	0.16
tbIVehicleEF	LHD1	5.9400e-004	1.0370e-003
tbIVehicleEF	LHD1	0.01	0.01
tbIVehicleEF	LHD1	3.7090e-003	3.0240e-003
tbIVehicleEF	LHD1	4.3300e-004	1.7200e-004

tblVehicleEF	LHD1	5.6800e-004	9.9200e-004
tblVehicleEF	LHD1	2.6620e-003	2.5100e-003
tblVehicleEF	LHD1	3.5340e-003	2.8720e-003
tblVehicleEF	LHD1	3.9800e-004	1.5800e-004
tblVehicleEF	LHD1	8.1600e-004	1.0590e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.4400e-004	6.9800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.05	0.15
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	8.6000e-005	7.1000e-005
tblVehicleEF	LHD1	5.1590e-003	4.9370e-003
tblVehicleEF	LHD1	2.2300e-004	8.0000e-005
tblVehicleEF	LHD1	8.1600e-004	1.0590e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.4400e-004	6.9800e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.15
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD2	2.0550e-003	1.9790e-003
tblVehicleEF	LHD2	1.8190e-003	2.5960e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.80	0.41
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.25
tblVehicleEF	LHD2	0.04	0.05

tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	5.9400e-004	6.6600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6900e-004	4.2000e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2200e-004	5.2000e-005
tblVehicleEF	LHD2	5.9400e-004	6.6600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6900e-004	4.2000e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0550e-003	1.9840e-003
tblVehicleEF	LHD2	1.4530e-003	1.4520e-003
tblVehicleEF	LHD2	1.8170e-003	2.4780e-003

tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.76	0.38
tblVehicleEF	LHD2	13.27	11.72
tblVehicleEF	LHD2	561.63	502.29
tblVehicleEF	LHD2	20.88	5.21
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.2400e-004	1.5310e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5960e-003	8.9230e-003
tblVehicleEF	LHD2	3.8600e-004	9.9000e-005
tblVehicleEF	LHD2	7.8800e-004	1.4650e-003
tblVehicleEF	LHD2	2.7120e-003	2.7250e-003
tblVehicleEF	LHD2	4.3850e-003	8.5250e-003
tblVehicleEF	LHD2	3.5500e-004	9.1000e-005
tblVehicleEF	LHD2	1.1370e-003	1.2660e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.7700e-004	8.6800e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.02	9.9950e-003
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2100e-004	5.2000e-005
tblVehicleEF	LHD2	1.1370e-003	1.2660e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01

tbIVehicleEF	LHD2	7.7700e-004	8.6800e-004
tbIVehicleEF	LHD2	0.03	0.03
tbIVehicleEF	LHD2	0.03	0.08
tbIVehicleEF	LHD2	0.03	0.01
tbIVehicleEF	LHD2	2.0550e-003	1.9800e-003
tbIVehicleEF	LHD2	1.8190e-003	2.5760e-003
tbIVehicleEF	LHD2	0.12	0.13
tbIVehicleEF	LHD2	0.14	0.15
tbIVehicleEF	LHD2	0.79	0.40
tbIVehicleEF	LHD2	13.27	11.72
tbIVehicleEF	LHD2	561.63	502.29
tbIVehicleEF	LHD2	20.88	5.24
tbIVehicleEF	LHD2	0.04	0.05
tbIVehicleEF	LHD2	0.04	0.11
tbIVehicleEF	LHD2	0.17	0.09
tbIVehicleEF	LHD2	8.2400e-004	1.5310e-003
tbIVehicleEF	LHD2	0.01	0.01
tbIVehicleEF	LHD2	4.5960e-003	8.9230e-003
tbIVehicleEF	LHD2	3.8600e-004	9.9000e-005
tbIVehicleEF	LHD2	7.8800e-004	1.4650e-003
tbIVehicleEF	LHD2	2.7120e-003	2.7250e-003
tbIVehicleEF	LHD2	4.3850e-003	8.5250e-003
tbIVehicleEF	LHD2	3.5500e-004	9.1000e-005
tbIVehicleEF	LHD2	5.6000e-004	6.1500e-004
tbIVehicleEF	LHD2	0.01	0.02
tbIVehicleEF	LHD2	0.01	0.01
tbIVehicleEF	LHD2	3.5700e-004	4.0700e-004
tbIVehicleEF	LHD2	0.02	0.03
tbIVehicleEF	LHD2	0.03	0.09
tbIVehicleEF	LHD2	0.02	0.01

tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4560e-003	4.8380e-003
tblVehicleEF	LHD2	2.2200e-004	5.2000e-005
tblVehicleEF	LHD2	5.6000e-004	6.1500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.5700e-004	4.0700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.23	17.23
tblVehicleEF	MCY	10.21	9.09
tblVehicleEF	MCY	172.59	209.98
tblVehicleEF	MCY	40.72	56.78
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	1.42	1.42
tblVehicleEF	MCY	0.71	0.72
tblVehicleEF	MCY	0.74	0.74
tblVehicleEF	MCY	2.08	2.08
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.98	1.76
tblVehicleEF	MCY	2.0700e-003	2.0780e-003
tblVehicleEF	MCY	6.3200e-004	5.6200e-004

tblVehicleEF	MCY	1.42	1.42
tblVehicleEF	MCY	0.71	0.72
tblVehicleEF	MCY	0.74	0.74
tblVehicleEF	MCY	2.61	2.61
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	2.16	1.92
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.39	17.39
tblVehicleEF	MCY	9.03	8.01
tblVehicleEF	MCY	172.59	210.12
tblVehicleEF	MCY	40.72	54.30
tblVehicleEF	MCY	0.96	0.96
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	3.03	3.05
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	1.95	1.97
tblVehicleEF	MCY	2.05	2.05
tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.74	1.54
tblVehicleEF	MCY	2.0710e-003	2.0790e-003
tblVehicleEF	MCY	6.0500e-004	5.3700e-004
tblVehicleEF	MCY	3.03	3.05
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	1.95	1.97
tblVehicleEF	MCY	2.58	2.57

tblVehicleEF	MCY	0.34	1.23
tblVehicleEF	MCY	1.89	1.68
tblVehicleEF	MCY	0.45	0.31
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	16.57	16.57
tblVehicleEF	MCY	9.90	8.79
tblVehicleEF	MCY	172.59	208.84
tblVehicleEF	MCY	40.72	56.14
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.2430e-003	2.2380e-003
tblVehicleEF	MCY	3.3690e-003	2.9880e-003
tblVehicleEF	MCY	2.0910e-003	2.0860e-003
tblVehicleEF	MCY	3.1400e-003	2.7850e-003
tblVehicleEF	MCY	1.64	1.65
tblVehicleEF	MCY	0.93	0.94
tblVehicleEF	MCY	0.65	0.66
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	0.40	1.45
tblVehicleEF	MCY	1.94	1.71
tblVehicleEF	MCY	2.0590e-003	2.0670e-003
tblVehicleEF	MCY	6.2600e-004	5.5600e-004
tblVehicleEF	MCY	1.64	1.65
tblVehicleEF	MCY	0.93	0.94
tblVehicleEF	MCY	0.65	0.66
tblVehicleEF	MCY	2.58	2.58
tblVehicleEF	MCY	0.40	1.45
tblVehicleEF	MCY	2.11	1.87
tblVehicleEF	MDV	2.0300e-003	8.0100e-004
tblVehicleEF	MDV	1.1120e-003	0.02

tblVehicleEF	MDV	0.41	0.42
tblVehicleEF	MDV	0.52	1.66
tblVehicleEF	MDV	308.49	257.45
tblVehicleEF	MDV	65.25	50.34
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.02	0.12
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004
tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	5.1430e-003	2.4100e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	3.0820e-003	2.5440e-003
tblVehicleEF	MDV	6.6000e-004	4.9800e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	7.4620e-003	3.4640e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	2.3040e-003	9.2200e-004
tblVehicleEF	MDV	9.9100e-004	0.02
tblVehicleEF	MDV	0.50	0.52
tblVehicleEF	MDV	0.47	1.39
tblVehicleEF	MDV	335.87	272.21
tblVehicleEF	MDV	65.25	49.87

tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004
tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	5.8210e-003	2.7160e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	3.3570e-003	2.6900e-003
tblVehicleEF	MDV	6.5900e-004	4.9300e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	8.4510e-003	3.9120e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.9790e-003	7.8200e-004
tblVehicleEF	MDV	1.1100e-003	0.02
tblVehicleEF	MDV	0.39	0.40
tblVehicleEF	MDV	0.52	1.63
tblVehicleEF	MDV	302.11	253.97
tblVehicleEF	MDV	65.25	50.29
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	6.8600e-004	5.0200e-004
tblVehicleEF	MDV	9.7200e-004	6.1900e-004

tblVehicleEF	MDV	6.3200e-004	4.6300e-004
tblVehicleEF	MDV	8.9400e-004	5.6900e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	5.0170e-003	2.3530e-003
tblVehicleEF	MDV	0.04	0.19
tblVehicleEF	MDV	0.01	0.08
tblVehicleEF	MDV	3.0180e-003	2.5090e-003
tblVehicleEF	MDV	6.6000e-004	4.9800e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	7.2770e-003	3.3810e-003
tblVehicleEF	MDV	0.04	0.19
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MH	3.0780e-003	1.9990e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.12
tblVehicleEF	MH	3.02	1.12
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.67
tblVehicleEF	MH	0.48	0.71
tblVehicleEF	MH	0.50	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004

tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.7260e-003	0.17
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	1.2500e-004
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.7260e-003	0.17
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MH	3.1500e-003	2.0350e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.13
tblVehicleEF	MH	2.77	1.03
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.51
tblVehicleEF	MH	0.44	0.65
tblVehicleEF	MH	0.48	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004
tblVehicleEF	MH	0.70	0.59
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.7150e-003	0.17
tblVehicleEF	MH	0.17	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0300e-004	1.2400e-004
tblVehicleEF	MH	0.70	0.59
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.7150e-003	0.17
tblVehicleEF	MH	0.19	0.06
tblVehicleEF	MH	3.0850e-003	2.0030e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.14	0.12
tblVehicleEF	MH	3.00	1.12
tblVehicleEF	MH	1,013.72	1,146.94
tblVehicleEF	MH	55.50	12.66
tblVehicleEF	MH	0.47	0.69
tblVehicleEF	MH	0.50	0.17
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	4.3110e-003	5.8600e-003
tblVehicleEF	MH	8.9400e-004	2.1300e-004
tblVehicleEF	MH	3.2190e-003	3.3080e-003
tblVehicleEF	MH	4.0920e-003	5.5770e-003
tblVehicleEF	MH	8.2200e-004	1.9600e-004
tblVehicleEF	MH	0.35	0.29
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.17	0.14
tblVehicleEF	MH	0.01	0.02

tblVehicleEF	MH	2.9270e-003	0.18
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	1.2500e-004
tblVehicleEF	MH	0.35	0.29
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.17	0.14
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.9270e-003	0.18
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MHD	0.02	2.9730e-003
tblVehicleEF	MHD	1.5750e-003	4.9600e-004
tblVehicleEF	MHD	0.03	5.8120e-003
tblVehicleEF	MHD	0.29	0.32
tblVehicleEF	MHD	0.16	0.08
tblVehicleEF	MHD	2.26	0.44
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tblVehicleEF	MHD	1,078.59	773.61
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tblVehicleEF	MHD	11.96	1.84
tblVehicleEF	MHD	3.0000e-005	6.3000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
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tblVehicleEF	MHD	6.7900e-004	2.9800e-004
tblVehicleEF	MHD	0.02	9.7430e-003

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tbIVehicleEF	MHD	4.2500e-004	1.8700e-004
tbIVehicleEF	MHD	0.03	7.2500e-003
tbIVehicleEF	MHD	8.9470e-003	0.05
tbIVehicleEF	MHD	0.15	0.03
tbIVehicleEF	MHD	1.4770e-003	4.4400e-004
tbIVehicleEF	MHD	0.01	7.3750e-003
tbIVehicleEF	MHD	5.1300e-004	5.4000e-005
tbIVehicleEF	MHD	6.7900e-004	2.9800e-004
tbIVehicleEF	MHD	0.02	9.7430e-003
tbIVehicleEF	MHD	0.03	0.02
tbIVehicleEF	MHD	4.2500e-004	1.8700e-004
tbIVehicleEF	MHD	0.03	8.4700e-003
tbIVehicleEF	MHD	8.9470e-003	0.05
tbIVehicleEF	MHD	0.17	0.03
tbIVehicleEF	MHD	0.02	2.8360e-003
tbIVehicleEF	MHD	1.5840e-003	5.0200e-004
tbIVehicleEF	MHD	0.02	5.5560e-003
tbIVehicleEF	MHD	0.21	0.28
tbIVehicleEF	MHD	0.16	0.08
tbIVehicleEF	MHD	2.11	0.41
tbIVehicleEF	MHD	162.86	46.34
tbIVehicleEF	MHD	1,078.59	773.61
tbIVehicleEF	MHD	47.29	5.41
tbIVehicleEF	MHD	0.41	0.24
tbIVehicleEF	MHD	0.50	0.92
tbIVehicleEF	MHD	11.95	1.84
tbIVehicleEF	MHD	2.6000e-005	5.6000e-005
tbIVehicleEF	MHD	2.6280e-003	7.4750e-003
tbIVehicleEF	MHD	6.9500e-004	8.5000e-005

tblVehicleEF	MHD	2.5000e-005	5.3000e-005
tblVehicleEF	MHD	2.5110e-003	7.1470e-003
tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	1.2990e-003	5.6800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	8.9000e-004	3.8900e-004
tblVehicleEF	MHD	0.03	7.2680e-003
tblVehicleEF	MHD	8.9680e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.5630e-003	4.4000e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1000e-004	5.4000e-005
tblVehicleEF	MHD	1.2990e-003	5.6800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	8.9000e-004	3.8900e-004
tblVehicleEF	MHD	0.03	8.4970e-003
tblVehicleEF	MHD	8.9680e-003	0.05
tblVehicleEF	MHD	0.16	0.03
tblVehicleEF	MHD	0.02	3.1790e-003
tblVehicleEF	MHD	1.5760e-003	4.9600e-004
tblVehicleEF	MHD	0.03	5.7400e-003
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.16	0.08
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tblVehicleEF	MHD	47.29	5.45
tblVehicleEF	MHD	0.38	0.27

tblVehicleEF	MHD	0.52	0.96
tblVehicleEF	MHD	11.96	1.84
tblVehicleEF	MHD	3.7000e-005	7.2000e-005
tblVehicleEF	MHD	2.6280e-003	7.4750e-003
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tblVehicleEF	MHD	6.3900e-004	7.8000e-005
tblVehicleEF	MHD	6.3300e-004	2.7700e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.1100e-004	1.8000e-004
tblVehicleEF	MHD	0.03	7.2520e-003
tblVehicleEF	MHD	9.7910e-003	0.05
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.3580e-003	4.5000e-004
tblVehicleEF	MHD	0.01	7.3750e-003
tblVehicleEF	MHD	5.1200e-004	5.4000e-005
tblVehicleEF	MHD	6.3300e-004	2.7700e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.1100e-004	1.8000e-004
tblVehicleEF	MHD	0.03	8.4730e-003
tblVehicleEF	MHD	9.7910e-003	0.05
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	OBUS	0.01	9.0480e-003
tblVehicleEF	OBUS	2.8630e-003	1.1380e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.18	0.13

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tblVehicleEF	OBUS	63.70	61.60
tblVehicleEF	OBUS	1,099.49	1,126.05
tblVehicleEF	OBUS	67.73	14.87
tblVehicleEF	OBUS	0.13	0.28
tblVehicleEF	OBUS	0.31	0.92
tblVehicleEF	OBUS	1.58	0.83
tblVehicleEF	OBUS	1.1000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0010e-003	6.6340e-003
tblVehicleEF	OBUS	1.0960e-003	2.3300e-004
tblVehicleEF	OBUS	1.1000e-005	9.1000e-005
tblVehicleEF	OBUS	1.8890e-003	6.3250e-003
tblVehicleEF	OBUS	1.0080e-003	2.1400e-004
tblVehicleEF	OBUS	1.7850e-003	1.8400e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.4700e-004	8.8800e-004
tblVehicleEF	OBUS	0.02	8.2420e-003
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.25	0.08
tblVehicleEF	OBUS	6.2000e-004	5.8700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.4200e-004	1.4700e-004
tblVehicleEF	OBUS	1.7850e-003	1.8400e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.4700e-004	8.8800e-004
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.27	0.09

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tbIVehicleEF	OBUS	2.9230e-003	1.1660e-003
tbIVehicleEF	OBUS	0.02	0.02
tbIVehicleEF	OBUS	0.24	0.54
tbIVehicleEF	OBUS	0.18	0.13
tbIVehicleEF	OBUS	3.41	1.20
tbIVehicleEF	OBUS	66.50	60.92
tbIVehicleEF	OBUS	1,099.49	1,126.06
tbIVehicleEF	OBUS	67.73	14.69
tbIVehicleEF	OBUS	0.13	0.27
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tbIVehicleEF	OBUS	1.55	0.82
tbIVehicleEF	OBUS	1.0000e-005	8.5000e-005
tbIVehicleEF	OBUS	2.0010e-003	6.6340e-003
tbIVehicleEF	OBUS	1.0960e-003	2.3300e-004
tbIVehicleEF	OBUS	9.0000e-006	8.1000e-005
tbIVehicleEF	OBUS	1.8890e-003	6.3250e-003
tbIVehicleEF	OBUS	1.0080e-003	2.1400e-004
tbIVehicleEF	OBUS	3.4090e-003	3.4870e-003
tbIVehicleEF	OBUS	0.02	0.02
tbIVehicleEF	OBUS	0.03	0.05
tbIVehicleEF	OBUS	1.8280e-003	1.8700e-003
tbIVehicleEF	OBUS	0.02	8.3270e-003
tbIVehicleEF	OBUS	0.05	0.21
tbIVehicleEF	OBUS	0.23	0.08
tbIVehicleEF	OBUS	6.4700e-004	5.8100e-004
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	7.3700e-004	1.4500e-004
tbIVehicleEF	OBUS	3.4090e-003	3.4870e-003
tbIVehicleEF	OBUS	0.02	0.02

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tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.26	0.08
tblVehicleEF	OBUS	0.01	8.9730e-003
tblVehicleEF	OBUS	2.8700e-003	1.1410e-003
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tblVehicleEF	OBUS	0.25	0.55
tblVehicleEF	OBUS	0.18	0.13
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tblVehicleEF	OBUS	59.84	62.53
tblVehicleEF	OBUS	1,099.49	1,126.05
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tblVehicleEF	OBUS	1.4000e-005	1.1000e-004
tblVehicleEF	OBUS	2.0010e-003	6.6340e-003
tblVehicleEF	OBUS	1.0960e-003	2.3300e-004
tblVehicleEF	OBUS	1.3000e-005	1.0500e-004
tblVehicleEF	OBUS	1.8890e-003	6.3250e-003
tblVehicleEF	OBUS	1.0080e-003	2.1400e-004
tblVehicleEF	OBUS	1.7080e-003	1.7150e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.2900e-004	8.6700e-004
tblVehicleEF	OBUS	0.02	8.2510e-003
tblVehicleEF	OBUS	0.05	0.22
tblVehicleEF	OBUS	0.25	0.08

tblVehicleEF	OBUS	5.8300e-004	5.9600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.4200e-004	1.4700e-004
tblVehicleEF	OBUS	1.7080e-003	1.7150e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	8.2900e-004	8.6700e-004
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.22
tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.4940e-003	1.1460e-003
tblVehicleEF	SBUS	0.05	5.9990e-003
tblVehicleEF	SBUS	7.49	3.27
tblVehicleEF	SBUS	0.27	0.15
tblVehicleEF	SBUS	5.31	0.67
tblVehicleEF	SBUS	1,041.59	264.71
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tblVehicleEF	SBUS	1.6700e-004	2.9600e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.6000e-004	2.8300e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005

tblVehicleEF	SBUS	4.8020e-003	1.5390e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	2.3030e-003	7.4500e-004
tblVehicleEF	SBUS	0.04	9.8310e-003
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	2.5280e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	6.0300e-004	4.3000e-005
tblVehicleEF	SBUS	4.8020e-003	1.5390e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.32	0.48
tblVehicleEF	SBUS	2.3030e-003	7.4500e-004
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.5520e-003	1.1750e-003
tblVehicleEF	SBUS	0.04	4.8670e-003
tblVehicleEF	SBUS	7.45	3.25
tblVehicleEF	SBUS	0.27	0.16
tblVehicleEF	SBUS	3.62	0.46
tblVehicleEF	SBUS	1,088.52	261.66
tblVehicleEF	SBUS	1,009.44	797.72
tblVehicleEF	SBUS	51.04	3.96
tblVehicleEF	SBUS	2.33	1.15
tblVehicleEF	SBUS	0.84	1.19
tblVehicleEF	SBUS	12.23	1.94
tblVehicleEF	SBUS	1.4100e-004	2.6300e-004

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.3500e-004	2.5200e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005
tblVehicleEF	SBUS	9.1300e-003	2.9130e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	4.8940e-003	1.5610e-003
tblVehicleEF	SBUS	0.04	9.9490e-003
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.01	2.4990e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	5.7400e-004	3.9000e-005
tblVehicleEF	SBUS	9.1300e-003	2.9130e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.32	0.48
tblVehicleEF	SBUS	4.8940e-003	1.5610e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.26	0.03
tblVehicleEF	SBUS	0.84	0.07
tblVehicleEF	SBUS	3.4960e-003	1.1470e-003
tblVehicleEF	SBUS	0.05	6.0700e-003
tblVehicleEF	SBUS	7.54	3.28
tblVehicleEF	SBUS	0.27	0.15
tblVehicleEF	SBUS	5.35	0.68

tblVehicleEF	SBUS	976.79	268.93
tblVehicleEF	SBUS	1,009.44	797.71
tblVehicleEF	SBUS	51.04	4.33
tblVehicleEF	SBUS	2.16	1.30
tblVehicleEF	SBUS	0.88	1.25
tblVehicleEF	SBUS	12.25	1.95
tblVehicleEF	SBUS	2.0400e-004	3.4200e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.6080e-003	3.2600e-003
tblVehicleEF	SBUS	1.1460e-003	8.6000e-005
tblVehicleEF	SBUS	1.9500e-004	3.2700e-004
tblVehicleEF	SBUS	2.6280e-003	2.6360e-003
tblVehicleEF	SBUS	2.4730e-003	3.0970e-003
tblVehicleEF	SBUS	1.0540e-003	7.9000e-005
tblVehicleEF	SBUS	4.5130e-003	1.4240e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.91	0.33
tblVehicleEF	SBUS	2.2490e-003	7.2700e-004
tblVehicleEF	SBUS	0.04	9.8350e-003
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	9.5830e-003	2.5680e-003
tblVehicleEF	SBUS	9.7350e-003	7.6480e-003
tblVehicleEF	SBUS	6.0300e-004	4.3000e-005
tblVehicleEF	SBUS	4.5130e-003	1.4240e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.32	0.47
tblVehicleEF	SBUS	2.2490e-003	7.2700e-004
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.02	0.08

tblVehicleEF	SBUS	0.33	0.04
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	3.89	32.93
tblVehicleEF	UBUS	7.80	1.43
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	14.28
tblVehicleEF	UBUS	0.44	0.41
tblVehicleEF	UBUS	11.66	0.28
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	4.8450e-003	1.5660e-003
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.0640e-003	9.3600e-004
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.75	0.07
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.6140e-003	1.4100e-004
tblVehicleEF	UBUS	4.8450e-003	1.5660e-003
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.0640e-003	9.3600e-004
tblVehicleEF	UBUS	0.81	4.32
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.82	0.08
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	3.90	32.93
tblVehicleEF	UBUS	6.46	1.18
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	13.85
tblVehicleEF	UBUS	0.40	0.40
tblVehicleEF	UBUS	11.59	0.26
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	8.9640e-003	2.9660e-003
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.6200e-003	2.0890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.67	0.06
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.5910e-003	1.3700e-004
tblVehicleEF	UBUS	8.9640e-003	2.9660e-003
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.6200e-003	2.0890e-003
tblVehicleEF	UBUS	0.82	4.32
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.74	0.07
tblVehicleEF	UBUS	0.79	4.23
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	3.89	32.93
tblVehicleEF	UBUS	7.58	1.40
tblVehicleEF	UBUS	1,683.21	1,660.54
tblVehicleEF	UBUS	146.97	14.22
tblVehicleEF	UBUS	0.43	0.41
tblVehicleEF	UBUS	11.65	0.27
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	1.7350e-003	2.7300e-003
tblVehicleEF	UBUS	1.7320e-003	2.1800e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	1.6160e-003	2.5940e-003
tblVehicleEF	UBUS	1.5920e-003	2.0000e-004
tblVehicleEF	UBUS	4.5770e-003	1.5720e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	2.9830e-003	9.1600e-004
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.02	0.08
tblVehicleEF	UBUS	0.74	0.07
tblVehicleEF	UBUS	8.0120e-003	3.1230e-003
tblVehicleEF	UBUS	1.6110e-003	1.4100e-004
tblVehicleEF	UBUS	4.5770e-003	1.5720e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	2.9830e-003	9.1600e-004
tblVehicleEF	UBUS	0.81	4.32
tblVehicleEF	UBUS	0.02	0.08

tblVehicleEF	UBUS	0.81	0.07
tblVehicleTrips	ST_TR	204.47	76.44
tblVehicleTrips	ST_TR	696.00	173.15
tblVehicleTrips	ST_TR	1.50	1.84
tblVehicleTrips	ST_TR	1.32	5.12
tblVehicleTrips	ST_TR	2.46	9.74
tblVehicleTrips	ST_TR	158.37	56.08
tblVehicleTrips	ST_TR	1.49	3.93
tblVehicleTrips	ST_TR	49.97	25.54
tblVehicleTrips	ST_TR	1.68	1.73
tblVehicleTrips	SU_TR	166.88	76.44
tblVehicleTrips	SU_TR	500.00	173.15
tblVehicleTrips	SU_TR	1.50	1.84
tblVehicleTrips	SU_TR	0.68	5.12
tblVehicleTrips	SU_TR	1.05	9.74
tblVehicleTrips	SU_TR	131.84	56.08
tblVehicleTrips	SU_TR	0.62	3.93
tblVehicleTrips	SU_TR	25.24	25.54
tblVehicleTrips	SU_TR	1.68	1.73
tblVehicleTrips	WD_TR	542.60	76.44
tblVehicleTrips	WD_TR	716.00	173.15
tblVehicleTrips	WD_TR	1.50	1.84
tblVehicleTrips	WD_TR	6.97	5.12
tblVehicleTrips	WD_TR	11.03	9.74
tblVehicleTrips	WD_TR	127.15	56.08
tblVehicleTrips	WD_TR	3.82	3.93
tblVehicleTrips	WD_TR	42.70	25.54
tblVehicleTrips	WD_TR	1.68	1.73

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					
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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

	ROG	NOx	CO	SO2	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					
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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	lb/day										lb/day					
Area	619.0131	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282
Energy	10.6055	96.4139	80.9877	0.5785		7.3275	7.3275		7.3275	7.3275		115,696.7187	115,696.7187	2.2175	2.1211	116,384.2464
Mobile	69.9726	293.8466	833.8682	3.1007	419.2379	2.5639	421.8018	111.8841	2.4296	114.3137		321,058.0179	321,058.0179	13.2951		321,390.3962
Total	699.5912	390.2841	917.4812	3.6794	419.2379	9.9006	429.1385	111.8841	9.7664	121.6505		436,760.4001	436,760.4001	15.5272	2.1211	437,780.6709

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	544.6971	0.0131	1.5216	1.0000e-004		3.9500e-003	3.9500e-003		3.9500e-003	3.9500e-003		3.0523	3.0523	6.1800e-003		3.2068
Energy	8.9627	81.4793	68.4426	0.4889		6.1924	6.1924		6.1924	6.1924		97,775.1432	97,775.1432	1.8740	1.7925	98,356.1720
Mobile	69.9726	293.8466	833.8682	3.1007	419.2379	2.5639	421.8018	111.8841	2.4296	114.3137		321,058.0179	321,058.0179	13.2951		321,390.3962
Total	623.6324	375.3389	903.8324	3.5897	419.2379	8.7602	427.9982	111.8841	8.6260	120.5101		418,836.2135	418,836.2135	15.1753	1.7925	419,749.7751

	ROG	NOx	CO	SO2	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	10.86	3.83	1.49	2.44	0.00	11.52	0.27	0.00	11.68	0.94	0.00	4.10	4.10	2.27	15.49	4.12

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/31/2045	12/31/2045	5	0	
2	Site Preparation	Site Preparation	12/31/2045	12/31/2045	5	0	
3	Grading	Grading	12/31/2045	12/31/2045	5	0	
4	Building Construction	Building Construction	12/31/2045	12/31/2045	5	0	
5	Paving	Paving	12/31/2045	12/31/2045	5	0	
6	Architectural Coating	Architectural Coating	12/31/2045	12/31/2045	5	0	

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: 38,770,668; Non-Residential Outdoor: 12,923,556; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	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

Mitigated Construction Off-Site

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

3.4 Grading - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.7 Architectural Coating - 2045

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	lb/day										lb/day					
Mitigated	69.9726	293.8466	833.8682	3.1007	419.2379	2.5639	421.8018	111.8841	2.4296	114.3137	321,058.0179	321,058.0179	13.2951	79		321,390.3962

General Light Industry	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
High Turnover (Sit Down Restaurant)	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Manufacturing	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512
Regional Shopping Center	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Pail	0.570843	0.032726	0.185016	0.099868	0.008756	0.004054	0.019029	0.070540	0.001389	0.001268	0.005278	0.000719	0.000512

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.9627	81.4793	68.4426	0.4889		6.1924	6.1924		6.1924	6.1924		97,775.1432	97,775.1432	1.8740	1.7925	98,356.1720
NaturalGas Unmitigated	10.6055	96.4139	80.9877	0.5785		7.3275	7.3275		7.3275	7.3275		115,696.7187	115,696.7187	2.2175	2.1211	116,384.2464

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
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Land Use	kBTU/yr	lb/day									lb/day						
Convenience Market With Gas	30.9115	3.3000e-004	3.0300e-003	2.5500e-003	2.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		3.6367	3.6367	7.0000e-005	7.0000e-005	3.6583
Fast Food Restaurant w/o Drive Thru	4869.48	0.0525	0.4774	0.4010	2.8600e-003		0.0363	0.0363		0.0363	0.0363		572.8799	572.8799	0.0110	0.0105	576.2843
General Heavy Industry	244788	2.6399	23.9988	20.1590	0.1440		1.8239	1.8239		1.8239	1.8239		28,798.5496	28,798.5496	0.5520	0.5280	28,969.6849
General Light Industry	224767	2.4240	22.0360	18.5102	0.1322		1.6747	1.6747		1.6747	1.6747		26,443.1424	26,443.1424	0.5068	0.4848	26,600.2807
General Office Building	3279.86	0.0354	0.3216	0.2701	1.9300e-003		0.0244	0.0244		0.0244	0.0244		385.8662	385.8662	7.4000e-003	7.0700e-003	388.1593
High Turnover (Sit Down Restaurant)	13484.7	0.1454	1.3220	1.1105	7.9300e-003		0.1005	0.1005		0.1005	0.1005		1,586.43677	1,586.43677	0.0304	0.0291	1,595.8641
Manufacturing	405170	4.3695	39.7225	33.3669	0.2383		3.0189	3.0189		3.0189	3.0189		47,667.0451	47,667.0451	0.9136	0.8739	47,950.3065
Regional Shopping Center	200.712	2.1600e-003	0.0197	0.0165	1.2000e-004		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		23.6132	23.6132	4.5000e-004	4.3000e-004	23.7535
Unrefrigerated Warehouse-No Drive Thru	86832.2	0.9364	8.5130	7.1509	0.0511		0.6470	0.6470		0.6470	0.6470		10,215.5489	10,215.5489	0.1958	0.1873	10,276.2548
Total		10.6055	96.4139	80.9877	0.5785		7.3275	7.3275		7.3275	7.3275		115,696.7187	115,696.7187	2.2175	2.1211	116,384.2464

Mitigated

Land Use	Natural Gas Use	kBTU/yr	lb/day									lb/day						
			ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Convenience Market With Gas	0.0228912		2.5000e-004	2.2400e-003	1.8900e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		2.6931	2.6931	5.0000e-005	5.0000e-005	2.7091
Fast Food Restaurant w/o Drive Thru	4.45453		0.0480	0.4367	0.3668	2.6200e-003		0.0332	0.0332		0.0332	0.0332		524.0624	524.0624	0.0100	9.6100e-003	527.1766
General Heavy Industry	210.07		2.2655	20.5951	17.2999	0.1236		1.5652	1.5652		1.5652	1.5652		24,714.1015	24,714.1015	0.4737	0.4531	24,860.9651
General Light Industry	192.888		2.0802	18.9106	15.8849	0.1135		1.4372	1.4372		1.4372	1.4372		22,692.7576	22,692.7576	0.4349	0.4160	22,827.6094
General Office Building	2.2959		0.0248	0.2251	0.1891	1.3500e-003		0.0171	0.0171		0.0171	0.0171		270.1064	270.1064	5.1800e-003	4.9500e-003	271.7115
High Turnover (Sit Down Restaurant)	12.3356		0.1330	1.2094	1.0159	7.2600e-003		0.0919	0.0919		0.0919	0.0919		1,451.24966	1,451.24966	0.0278	0.0266	1,459.8737

Manufacturing	347.705	3.7498	34.0888	28.6346	0.2045		2.5908	2.5908		2.5908	2.5908		40,906.5113	40,906.5113	0.7840	0.7500	41,149.5982
Regional Shopping Center	0.148636	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4865	17.4865	3.4000e-004	3.2000e-004	17.5905
Unrefrigerated Warehouse-No	61.1675	0.6597	5.9968	5.0373	0.0360		0.4558	0.4558		0.4558	0.4558		7,196.1748	7,196.1748	0.1379	0.1319	7,238.9381
Total		8.9627	81.4793	68.4426	0.4889		6.1924	6.1924		6.1924	6.1924		97,775.1433	97,775.1433	1.8740	1.7925	98,356.1720

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	544.6971	0.0131	1.5216	1.0000e-004		3.9500e-003	3.9500e-003		3.9500e-003	3.9500e-003		3.0523	3.0523	6.1800e-003		3.2068
Unmitigated	619.0131	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282

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	65.6446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	553.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.2402	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282
Total	619.0131	0.0236	2.6253	2.0000e-004		9.3100e-003	9.3100e-003		9.3100e-003	9.3100e-003		5.6635	5.6635	0.0146		6.0282

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	32.8223					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	511.7728					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.1020	0.0131	1.5216	1.0000e-004		3.9500e-003	3.9500e-003		3.9500e-003	3.9500e-003		3.0523	3.0523	6.1800e-003		3.2068
Total	544.6971	0.0131	1.5216	1.0000e-004		3.9500e-003	3.9500e-003		3.9500e-003	3.9500e-003		3.0523	3.0523	6.1800e-003		3.2068

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

**SCLA Specific Plan Project
Energy Calculations**

Land Use	Natural Gas Use		Electricity Use	
	(kBTU/yr)	(Therms)	(kWh/yr)	(MWh/yr)
Convenience Market With Gas Pumps	8,355	84	57,206	57
Fast Food Restaurant w/o Drive Thru	1,625,900	16,259	284,479	284
General Heavy Industry	76,675,500	766,755	26,097,500	26,098
General Light Industry	70,404,300	704,043	23,963,000	23,963
General Office Building	838,005	8,380	2,966,660	2,967
High Turnover (Sit Down Restaurant)	4,502,500	45,025	787,788	788
Manufacturing	126,912,000	1,269,120	43,196,300	43,196
Regional Shopping Center	54,252	543	371,448	371
Unrefrigerated Warehouse-No Rail	22,326,100	223,261	35,112,900	35,113
Existing - Manufacturing	25,628,100	256,281	8,006,320	8,006
Existing - Unrefrigerated Warehouse-No Rail	6,120,860	61,209	7,115,870	7,116
Totals	271,597,952	2,715,980	117,715,091	117,715
1 kBTU = 0.01 therms				
Energy Type	Project Annual Energy Consumption	San Bernardino Annual Energy Consumption (2018)	Percentage increase countywide	
Electricity (MWh/YR)	117,715	15,634,000	0.7529%	
Natural Gas (Therms)	2,715,980	500,000,000	0.5432%	
Source: Refer to CalEEMod outputs for assumptions used in this analysis.				

**SCLA Specific Plan Project
Energy Calculations**

Vehicle Type	Percent of Vehicle Trips¹	Daily Trips²	Annual Vehicle Miles Traveled³	Average Fuel Economy (miles per gallon)⁴	Total Annual Fuel Consumption (gallons)⁵
Passenger Cars	0.74	52,910	145,232,889	22	6,601,495
Light/Medium Trucks	0.06	4,182	11,480,167	17.3	663,593
Heavy Trucks/Other	0.21	14,884	40,855,890	6.4	6,383,733
TOTAL⁶	1.00	71,977	197,568,947	--	13,648,821

Notes:

1. Percent of Vehicle Trip distribution based on trip characteristics in the Traffic Impact Study and within the CalEEMod model.
2. Daily Trips calculated by multiplying the total daily trips by percent vehicle trips (i.e., Daily Trips x percent of Vehicle Trips).
3. Daily Vehicle Miles Traveled (VMT) calculated by multiplying percent vehicle trips by total VMT (i.e., VMT x percent of Vehicle Trips).
4. Average fuel economy derived from the Department of Transportation.
5. Total Daily Fuel Consumption calculated by dividing the daily VMT by the average fuel economy (i.e., VMT/Average Fuel Economy).
6. Values may be slightly off due to rounding.

Source: Refer to CalEEMod outputs for assumptions used in this analysis.

**SCLA Specific Plan Project
Energy Calculations**

VENDOR TRIPS							
Phase Number	Phase Name	Phase Length (# days)	# Vendor Trips	Vendor Trip Length	Total VMT	Fuel Consumption Factor (Miles/Gallon/Day)	Total Fuel Consumption
1	Site Preparation	120	-	7.30	-		-
1	Grading	280	-	7.30	-		-
1	Building Construction	450	429	7.30	3,132		371
1	Paving	220	-	7.30	-		-
1	Architectural Coating	230	-	7.30	-		-
2	Site Preparation	160	-	7.30	-		-
2	Grading	270	-	7.30	-		-
2	Building Construction	425	859	7.30	6,271		743
2	Paving	120	-	7.30	-		-
2	Architectural Coating	380	-	7.30	-		-
3	Demolition	160	-	7.30	-		-
3	Site Preparation	140	-	7.30	-		-
3	Grading	220	-	7.30	-		-
3	Building Construction	300	934	7.30	6,818	8.43886151	808
3	Paving	120	-	7.30	-		-
3	Architectural Coating	480	-	7.30	-		-
4	Demolition	120	-	7.30	-		-
4	Site Preparation	120	-	7.30	-		-
4	Grading	220	-	7.30	-		-
4	Building Construction	400	813	7.30	5,935		703
4	Paving	100	-	7.30	-		-
4	Architectural Coating	370	-	7.30	-		-
5	Demolition	160	-	7.30	-		-
5	Site Preparation	140	-	7.30	-		-
5	Grading	160	-	7.30	-		-
5	Building Construction	400	1,202	7.30	8,775		1,040
5	Paving	160	-	7.30	-		-
5	Architectural Coating	540	-	7.30	-		-
							3,665

**SCLA Specific Plan Project
Energy Calculations**

HAULING TRIPS							
Phase		Phase Length (# days)	# Hauling Trips	Hauling Trip Length	Total VMT	Fuel Consumption Factor (Miles/Gallon/Day) ¹	Total Fuel Consumption
1	Site Preparation	120	-	20.00	-		-
1	Grading	280	92,969	20.00	1,859,380		222,711
1	Building Construction	450	-	20.00	-		-
1	Paving	220	-	20.00	-		-
1	Architectural Coating	230	-	20.00	-		-
2	Site Preparation	160	-	20.00	-		-
2	Grading	270	224,693	20.00	4,493,860		538,260
2	Building Construction	425	-	20.00	-		-
2	Paving	120	-	20.00	-		-
2	Architectural Coating	380	-	20.00	-		-
3	Demolition	160	8,728	20.00	174,560		20,908
3	Site Preparation	140	-	20.00	-		-
3	Grading	220	157,125	20.00	3,142,500		376,399
3	Building Construction	300	-	20.00	-		-
3	Paving	120	-	20.00	-	8.34886151	-
3	Architectural Coating	480	-	20.00	-		-
4	Demolition	120	9,647	20.00	192,940		23,110
4	Site Preparation	120	-	20.00	-		-
4	Grading	220	146,188	20.00	2,923,760		350,199
4	Building Construction	400	-	20.00	-		-
4	Paving	100	-	20.00	-		-
4	Architectural Coating	370	-	20.00	-		-
5	Demolition	160	3,873	20.00	77,460		9,278
5	Site Preparation	140	-	20.00	-		-
5	Grading	160	144,688	20.00	2,893,760		346,605
5	Building Construction	400	-	20.00	-		-
5	Paving	160	-	20.00	-		-
5	Architectural Coating	540	-	20.00	-		-
							1,887,469
TOTAL OFF-SITE MOBILE GALLONS CONSUMED DURING CONSTRUCTION							4,138,347.16

**SCLA Specific Plan Project
Energy Calculations**

Phase Number	Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor	Fuel Consumption Rate (gallons per hour)	Duration (total hours/day)	# days	Total Fuel Consumption (gallons)
1	Site Preparation	Rubber Tired Dozers	3	8	247	0.4	3.952	24	120	11381.76
1	Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	1.4356	32	120	5512.70
1	Grading	Excavators	2	8	158	0.38	2.4016	16	280	10759.17
1	Grading	Graders	1	8	187	0.41	3.0668	8	280	6869.63
1	Grading	Rubber Tired Dozers	1	8	247	0.4	3.952	8	280	8852.48
1	Grading	Scrapers	2	8	367	0.48	7.0464	16	280	31567.87
1	Grading	Tractors/Loaders/Backhoes	2	8	97	0.37	1.4356	16	280	6431.49
1	Building Construction	Cranes	1	7	231	0.29	2.6796	7	450	8440.74
1	Building Construction	Forklifts	3	8	89	0.2	0.712	24	450	7689.60
1	Building Construction	Generator Sets	1	8	84	0.74	2.4864	8	450	8951.04
1	Building Construction	Tractors/Loaders/Backhoes	3	7	97	0.37	1.4356	21	450	13566.42
1	Building Construction	Welders	1	8	46	0.45	0.828	8	450	2980.80
1	Paving	Pavers	2	8	130	0.42	2.184	16	220	7687.68
1	Paving	Paving Equipment	2	8	132	0.36	1.9008	16	220	6690.82
1	Paving	Rollers	2	8	80	0.38	1.216	16	220	4280.32
1	Architectural Coating	Air Compressors	1	6	78	0.48	1.4976	6	230	2066.69
2	Site Preparation	Rubber Tired Dozers	3	8	247	0.4	3.952	24	160	15175.68
2	Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	1.4356	32	160	7350.27
2	Grading	Excavators	2	8	158	0.38	2.4016	16	270	10374.91
2	Grading	Graders	1	8	187	0.41	3.0668	8	270	6624.29
2	Grading	Rubber Tired Dozers	1	8	247	0.4	3.952	8	270	8536.32
2	Grading	Scrapers	2	8	367	0.48	7.0464	16	270	30440.45
2	Grading	Tractors/Loaders/Backhoes	2	8	97	0.37	1.4356	16	270	6201.79
2	Building Construction	Cranes	1	7	231	0.29	2.6796	7	425	7971.81
2	Building Construction	Forklifts	3	8	89	0.2	0.712	24	425	7262.40
2	Building Construction	Generator Sets	1	8	84	0.74	2.4864	8	425	8453.76
2	Building Construction	Tractors/Loaders/Backhoes	3	7	97	0.37	1.4356	21	425	12812.73
2	Building Construction	Welders	1	8	46	0.45	0.828	8	425	2815.20
2	Paving	Pavers	2	8	130	0.42	2.184	16	120	4193.28
2	Paving	Paving Equipment	2	8	132	0.36	1.9008	16	120	3649.54
2	Paving	Rollers	2	8	80	0.38	1.216	16	120	2334.72
2	Architectural Coating	Air Compressors	1	6	78	0.48	1.4976	6	380	3414.53

**SCLA Specific Plan Project
Energy Calculations**

3	Demolition	Concrete/Industrial Saws	1	8	81	0.73	2.3652	8	160	3027.46
3	Demolition	Excavators	3	8	158	0.38	2.4016	24	160	9222.14
3	Demolition	Rubber Tired Dozers	2	8	247	0.4	3.952	16	160	10117.12
3	Site Preparation	Rubber Tired Dozers	3	8	247	0.4	3.952	24	140	13278.72
3	Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	1.4356	32	140	6431.49
3	Grading	Excavators	2	8	158	0.38	2.4016	16	220	8453.63
3	Grading	Graders	1	8	187	0.41	3.0668	8	220	5397.57
3	Grading	Rubber Tired Dozers	1	8	247	0.4	3.952	8	220	6955.52
3	Grading	Scrapers	2	8	367	0.48	7.0464	16	220	24803.33
3	Grading	Tractors/Loaders/Backhoes	2	8	97	0.37	1.4356	16	220	5053.31
3	Building Construction	Cranes	1	7	231	0.29	2.6796	7	300	5627.16
3	Building Construction	Forklifts	3	8	89	0.2	0.712	24	300	5126.40
3	Building Construction	Generator Sets	1	8	84	0.74	2.4864	8	300	5967.36
3	Building Construction	Tractors/Loaders/Backhoes	3	7	97	0.37	1.4356	21	300	9044.28
3	Building Construction	Welders	1	8	46	0.45	0.828	8	300	1987.20
3	Paving	Pavers	2	8	130	0.42	2.184	16	120	4193.28
3	Paving	Paving Equipment	2	8	132	0.36	1.9008	16	120	3649.54
3	Paving	Rollers	2	8	80	0.38	1.216	16	120	2334.72
3	Architectural Coating	Air Compressors	1	6	78	0.48	1.4976	6	480	4313.09
4	Demolition	Concrete/Industrial Saws	1	8	81	0.73	2.3652	8	120	2270.59
4	Demolition	Excavators	3	8	158	0.38	2.4016	24	120	6916.61
4	Demolition	Rubber Tired Dozers	2	8	247	0.4	3.952	16	120	7587.84
4	Site Preparation	Rubber Tired Dozers	3	8	247	0.4	3.952	24	120	11381.76
4	Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	1.4356	32	120	5512.70
4	Grading	Excavators	2	8	158	0.38	2.4016	16	220	8453.63
4	Grading	Graders	1	8	187	0.41	3.0668	8	220	5397.57
4	Grading	Rubber Tired Dozers	1	8	247	0.4	3.952	8	220	6955.52
4	Grading	Scrapers	2	8	367	0.48	7.0464	16	220	24803.33
4	Grading	Tractors/Loaders/Backhoes	2	8	97	0.37	1.4356	16	220	5053.31
4	Building Construction	Cranes	1	7	231	0.29	2.6796	7	400	7502.88
4	Building Construction	Forklifts	3	8	89	0.2	0.712	24	400	6835.20
4	Building Construction	Generator Sets	1	8	84	0.74	2.4864	8	400	7956.48
4	Building Construction	Tractors/Loaders/Backhoes	3	7	97	0.37	1.4356	21	400	12059.04
4	Building Construction	Welders	1	8	46	0.45	0.828	8	400	2649.60
4	Paving	Pavers	2	8	130	0.42	2.184	16	100	3494.40
4	Paving	Paving Equipment	2	8	132	0.36	1.9008	16	100	3041.28
4	Paving	Rollers	2	8	80	0.38	1.216	16	100	1945.60
4	Architectural Coating	Air Compressors	1	6	78	0.48	1.4976	6	370	3324.67

**SCLA Specific Plan Project
Energy Calculations**

5	Demolition	Concrete/Industrial Saws	1	8	81	0.73	2.3652	8	160	3027.46
5	Demolition	Excavators	3	8	158	0.38	2.4016	24	160	9222.14
5	Demolition	Rubber Tired Dozers	2	8	247	0.4	3.952	16	160	10117.12
5	Site Preparation	Rubber Tired Dozers	3	8	247	0.4	3.952	24	140	13278.72
5	Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	1.4356	32	140	6431.49
5	Grading	Excavators	2	8	158	0.38	2.4016	16	160	6148.10
5	Grading	Graders	1	8	187	0.41	3.0668	8	160	3925.50
5	Grading	Rubber Tired Dozers	1	8	247	0.4	3.952	8	160	5058.56
5	Grading	Scrapers	2	8	367	0.48	7.0464	16	160	18038.78
5	Grading	Tractors/Loaders/Backhoes	2	8	97	0.37	1.4356	16	160	3675.14
5	Building Construction	Cranes	1	7	231	0.29	2.6796	7	400	7502.88
5	Building Construction	Forklifts	3	8	89	0.2	0.712	24	400	6835.20
5	Building Construction	Generator Sets	1	8	84	0.74	2.4864	8	400	7956.48
5	Building Construction	Tractors/Loaders/Backhoes	3	7	97	0.37	1.4356	21	400	12059.04
5	Building Construction	Welders	1	8	46	0.45	0.828	8	400	2649.60
5	Paving	Pavers	2	8	130	0.42	2.184	16	160	5591.04
5	Paving	Paving Equipment	2	8	132	0.36	1.9008	16	160	4866.05
5	Paving	Rollers	2	8	80	0.38	1.216	16	160	3112.96
5	Architectural Coating	Air Compressors	1	6	78	0.48	1.4976	6	540	4852.22

									Total:	683,815
Notes:									Off-Site Mobile Construction Total:	4,138,347
Fuel Consumption Rate = Horsepower x Load Factor x Fuel Consumption Factor									TOTAL:	4,822,162
Where:									ANNUAL TOTAL:	192,886
Fuel Consumption Factor for a diesel engine is 0.04 gallons per horsepower per hour (gal/hp/hr) and a gasoline engine is 0.06 gal/hp/hr.										
Source: Refer to CalEEMod outputs for assumptions used in this analysis.										