URBAN CROSSROADS

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July 9, 2020

Mr. Ernie Perea
Romo Planning Group, Inc.
9431 Haven Avenue, Ste. 232
Rancho Cucamonga, CA 91730

SUBJECT: SUN LAKES NORTH SPECIFIC PLAN AMENDMENT NO. 6 AIR QUALITY AND GREENHOUSE GAS EVALUATION

Dear Mr. Ernie Perea:

The following air quality and greenhouse gas evaluation has been prepared for the proposed Sun Lakes North Specific Plan Amendment No. 6 (**Project**) in the City of Banning. It is our understanding that the Project is to consist of a Specific Plan Amendment that amends the allowed Land Use Plan from "Retail Commercial" to "Business Park" and "Professional Office" along the primary freeway frontage and "Commercial Retail" along the Sun Lakes Boulevard frontage.

PROJECT OVERVIEW

The Project proposes to develop up to approximately 877,298 square feet (sf) of Industrial Park, 52,065 sf of medical office, and 37,189 sf of retail use on 47.11 acres.

CALIFORNIA EMISSIONS ESTIMATOR MODEL™ EMPLOYED TO ESTIMATE EMISSIONS

On October 17, 2017, the SCAQMD in conjunction with the California Air Pollution Control Officers Association (CAPCOA) and other California air districts, released the latest version of the California Emissions Estimator Model (CalEEMod) Version 2016.3.2. The purpose of this model is to more accurately calculate construction-source and operational-source criteria pollutant (Nitrogen Oxides (NO_X), VOC, Particulate Matter less than 10 microns (PM_{10}), Particulate Matter less than 2.5 microns ($PM_{2.5}$), Sulfur Oxides (SO_X), and Carbon Monoxide (CO)) and GHG emissions from direct and indirect sources; and quantify applicable air quality and GHG reductions achieved from mitigation measures. Accordingly, the latest version of CalEEMod has been used for this Project to determine construction and operational impacts related to the Project. Model outputs from the model runs are provided in Attachment A.

Emissions estimates associated with the existing land use designations and the proposed Project are summarized on Tables 1 through 6.

CONSTRUCTION

TABLE 1: PROPOSED PROJECT CONSTRUCTION EMISSIONS

Construction Activities	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
2020	4.55	50.26	32.76	0.06	9.45	5.95
2021	4.29	46.45	33.86	0.11	6.46	3.29
2022	3.81	30.38	32.33	0.11	6.31	2.28
2023	3.49	25.63	30.88	0.11	6.18	2.16
2024	163.40	24.55	29.95	0.10	6.10	2.08
Total Maximum Daily Emissions	**163.40**	**50.26**	**33.86**	**0.11**	**9.45**	**5.95**
Winter						
2020	4.55	50.26	32.61	0.06	9.45	5.95
2021	4.28	46.46	31.51	0.10	6.46	3.29
2022	3.80	30.27	30.16	0.10	6.31	2.28
2023	3.48	25.52	28.77	0.10	6.18	2.16
2024	163.40	24.44	27.96	0.10	6.10	2.08
Total Maximum Daily Emissions	**163.40**	**50.26**	**32.61**	**0.10**	**9.45**	**5.95**

TABLE 2: PROPOSED PROJECT CONSTRUCTION GHG EMISSIONS

Emission Source	Emissions (MT/yr)			
	CO_2	CH_4	N_2O	Total CO_2e
2020	92.06	0.03	0.00	92.77
2021	1,141.62	0.15	0.00	1,145.30
2022	1,240.05	0.12	0.00	1,243.00
2023	1,210.29	0.11	0.00	1,212.99
2024	174.43	0.03	0.00	175.10
Total CO2E (All Sources)	**3,869.15**			
Amortized over 30 years	**128.97**			

OPERATIONS

TABLE 3: EXISTING LAND USE DESIGNATION OPERATIONAL EMISSIONS

Operational Activities	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
Area Source	5.55	0.00	0.03	0.00	0.00	0.00
Energy Source	0.29	2.62	2.20	0.02	0.20	0.20
Mobile	22.17	54.41	155.61	0.41	32.45	9.18
Total Maximum Daily Emissions	**28.02**	**57.03**	**157.83**	**0.43**	**32.65**	**9.38**
Winter						
Area Source	5.55	0.00	0.03	0.00	0.00	0.00
Energy Source	0.29	2.62	2.20	0.02	0.20	0.20
Mobile	22.61	56.61	151.46	0.40	32.44	9.18
Total Maximum Daily Emissions	**28.46**	**59.23**	**153.69**	**0.41**	**32.64**	**9.38**

TABLE 4: PROPOSED PROJECT OPERATIONAL EMISSIONS

Operational Activities	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
Area Source	21.60	0.00	0.10	0.00	0.00	0.00
Energy Source	0.07	0.62	0.52	0.00	0.05	0.05
Mobile	17.03	62.66	163.79	0.53	42.89	12.11
Total Maximum Daily Emissions	**38.70**	**63.28**	**164.41**	**0.54**	**42.94**	**12.15**
Winter						
Area Source	21.60	0.00	0.10	0.00	0.00	0.00
Energy Source	0.07	0.62	0.52	0.00	0.05	0.05
Mobile	17.26	65.13	152.99	0.51	42.88	12.10
Total Maximum Daily Emissions	**38.93**	**65.76**	**153.62**	**0.52**	**42.93**	**12.15**

TABLE 5: EXISTING LAND USE DESIGNATION OPERATIONAL GHG EMISSIONS

Emission Source	Emissions (MT/yr)			
	CO_2	CH_4	N_2O	Total CO_2e
Area	6.17E-03	2.00E-05	0	6.58E-03
Energy	1,398.16	0.0462	0.017	1,404.39
Mobile	5,816.70	0.429	0	5,827.42
Waste	270.0754	15.961	0	669.1004
Water Usage	174.3001	0.9858	0.0245	206.2518
Total CO2E (All Sources)	**8,107.17**			

MT/yr = Metric Tons per Year

TABLE 6: PROPOSED PROJECT EMISSIONS SUMMARY

Emission Source	Emissions (MT/yr)			
	CO_2	CH_4	N_2O	Total CO_2e
Construction (Amortized over 30 years)	128.61	0.01	0.00	128.97
Area	0.024	6.00E-05	0	0.0256
Energy	2,457.91	0.0987	0.0222	2,467.00
Mobile	7,330.65	0.3031	0	7,338.23
Waste	342.8822	20.2638	0	849.4761
Water Usage	957.9059	6.9501	0.1709	1,182.57
Total CO2E (All Sources)	**11,966.27**			

ATTACHMENT A:

CALEEMOD EMISSIONS MODEL OUTPUTS

12928 Sun Lakes Village North Specific Plan Amendment No. 6 Proposed 2020 Construction Run

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	52.06	1000sqft	4.00	52,065.00	0
Industrial Park	877.30	1000sqft	40.28	877,298.00	0
Strip Mall	37.19	1000sqft	2.83	37,189.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Per land use plan

Off-road Equipment - Construction only

Off-road Equipment - Construction only

Off-road Equipment - Operations only

Off-road Equipment - Construction only

Off-road Equipment - Construction only

Off-road Equipment - Construction only

Trips and VMT - Construction only

On-road Fugitive Dust - Construction only

Grading - Construction only

Architectural Coating - Construction only

Vehicle Trips - Construction only

Energy Use - Construction only

Fleet Mix - Only cars and trucks present on site

Construction Phase -

Road Dust - Construction only

Consumer Products - Construction only

Area Coating - Construction only

Landscape Equipment - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0

tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	50	0
tblAreaCoating	Area_EF_Residential_Interior	50	0
tblAreaCoating	Area_Nonresidential_Exterior	483276	0
tblAreaCoating	Area_Nonresidential_Interior	1449828	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	1.92	0.00
tblLandUse	LandUseSquareFeet	52,060.00	52,065.00
tblLandUse	LandUseSquareFeet	877,300.00	877,298.00
tblLandUse	LandUseSquareFeet	37,190.00	37,189.00
tblLandUse	LotAcreage	1.20	4.00
tblLandUse	LotAcreage	20.14	40.28
tblLandUse	LotAcreage	0.85	2.83
tblRoadDust	MeanVehicleSpeed	40	0
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00

tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	SolidWasteGenerationRate	1,087.85	0.00
tblSolidWaste	SolidWasteGenerationRate	562.25	0.00
tblSolidWaste	SolidWasteGenerationRate	39.05	0.00
tblVehicleTrips	ST_TR	2.49	0.00
tblVehicleTrips	ST_TR	8.96	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	0.73	0.00
tblVehicleTrips	SU_TR	1.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	6.83	0.00
tblVehicleTrips	WD_TR	36.13	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	202,875,625.00	0.00
tblWater	IndoorWaterUseRate	6,532,516.79	0.00
tblWater	IndoorWaterUseRate	2,754,757.07	0.00
tblWater	OutdoorWaterUseRate	1,244,288.91	0.00
tblWater	OutdoorWaterUseRate	1,688,399.50	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					
2020	0.0942	0.9890	0.5605	1.0500e-003	0.4171	0.0482	0.4653	0.1841	0.0444	0.2284	0.0000	92.0554	92.0554	0.0287	0.0000	92.7715
2021	0.5285	4.7481	4.1517	0.0126	0.8259	0.1619	0.9878	0.2581	0.1510	0.4091	0.0000	1,141.6186	1,141.6186	0.1474	0.0000	1,145.3034
2022	0.4749	3.9685	3.9671	0.0136	0.6970	0.1116	0.8085	0.1881	0.1049	0.2930	0.0000	1,240.0469	1,240.0469	0.1180	0.0000	1,242.9967
2023	0.4342	3.3403	3.7902	0.0133	0.6970	0.0956	0.7926	0.1881	0.0899	0.2779	0.0000	1,210.2859	1,210.2859	0.1080	0.0000	1,212.9868
2024	4.5528	0.5470	0.7999	1.9400e-003	0.0820	0.0212	0.1032	0.0220	0.0198	0.0418	0.0000	174.4268	174.4268	0.0268	0.0000	175.0962
Maximum	**4.5528**	**4.7481**	**4.1517**	**0.0136**	**0.8259**	**0.1619**	**0.9878**	**0.2581**	**0.1510**	**0.4091**	**0.0000**	**1,240.0469**	**1,240.0469**	**0.1474**	**0.0000**	**1,242.9967**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0942	0.9890	0.5605	1.0500e-003	0.1654	0.0482	0.2136	0.0725	0.0444	0.1169	0.0000	92.0553	92.0553	0.0287	0.0000	92.7714
2021	0.5285	4.7481	4.1517	0.0126	0.6533	0.1619	0.8151	0.1900	0.1510	0.3410	0.0000	1,141.6181	1,141.6181	0.1474	0.0000	1,145.3029
2022	0.4749	3.9685	3.9671	0.0136	0.6970	0.1116	0.8085	0.1881	0.1049	0.2930	0.0000	1,240.0466	1,240.0466	0.1180	0.0000	1,242.9963
2023	0.4342	3.3403	3.7902	0.0133	0.6970	0.0956	0.7926	0.1881	0.0899	0.2779	0.0000	1,210.2856	1,210.2856	0.1080	0.0000	1,212.9864
2024	4.5528	0.5470	0.7999	1.9400e-003	0.0820	0.0212	0.1032	0.0220	0.0198	0.0418	0.0000	174.4267	174.4267	0.0268	0.0000	175.0961
Maximum	**4.5528**	**4.7481**	**4.1517**	**0.0136**	**0.6970**	**0.1619**	**0.8151**	**0.1900**	**0.1510**	**0.3410**	**0.0000**	**1,240.0466**	**1,240.0466**	**0.1474**	**0.0000**	**1,242.9963**

	ROG	NOx	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	**0.00**	**0.00**	**0.00**	**0.00**	**15.61**	**0.00**	**13.44**	**21.38**	**0.00**	**14.37**	**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	**11-1-2020**	**1-31-2021**	1.6362	1.6362
2	**2-1-2021**	**4-30-2021**	1.4443	1.4443
3	**5-1-2021**	**7-31-2021**	1.2248	1.2248
4	**8-1-2021**	**10-31-2021**	1.2237	1.2237
5	**11-1-2021**	**1-31-2022**	1.1872	1.1872
6	**2-1-2022**	**4-30-2022**	1.0843	1.0843

7	**5-1-2022**	**7-31-2022**	1.1233	1.1233
8	**8-1-2022**	**10-31-2022**	1.1220	1.1220
9	**11-1-2022**	**1-31-2023**	1.0634	1.0634
10	**2-1-2023**	**4-30-2023**	0.9230	0.9230
11	**5-1-2023**	**7-31-2023**	0.9566	0.9566
12	**8-1-2023**	**10-31-2023**	0.9553	0.9553
13	**11-1-2023**	**1-31-2024**	0.9081	0.9081
14	**2-1-2024**	**4-30-2024**	1.3319	1.3319
15	**5-1-2024**	**7-31-2024**	3.4720	3.4720
		Highest	3.4720	3.4720

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	3.4938	1.1000e-004	0.0123	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0240	0.0240	6.0000e-005	0.0000	0.0256
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	**3.4938**	**1.1000e-004**	**0.0123**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0240**	**0.0240**	**6.0000e-005**	**0.0000**	**0.0256**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.4938	1.1000e-004	0.0123	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0240	0.0240	6.0000e-005	0.0000	0.0256
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	**3.4938**	**1.1000e-004**	**0.0123**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0240**	**0.0240**	**6.0000e-005**	**0.0000**	**0.0256**

	ROG	NOx	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	**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	11/1/2020	12/11/2020	5	30	
2	Grading	Grading	12/12/2020	3/26/2021	5	75	
3	Building Construction	Building Construction	3/27/2021	1/26/2024	5	740	
4	Paving	Paving	1/27/2024	4/12/2024	5	55	
5	Architectural Coating	Architectural Coating	4/13/2024	6/28/2024	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 187.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,449,828; Non-Residential Outdoor: 483,276; Striped Parking Area: 0 (Architectural Coating – sqft)

<u>OffRoad Equipment</u>

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	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	397.00	158.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	79.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2710	0.0000	0.2710	0.1490	0.0000	0.1490	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0612	0.6363	0.3227	5.7000e-004		0.0330	0.0330		0.0303	0.0303	0.0000	50.1460	50.1460	0.0162	0.0000	50.5515
Total	**0.0612**	**0.6363**	**0.3227**	**5.7000e-004**	**0.2710**	**0.0330**	**0.3040**	**0.1490**	**0.0303**	**0.1793**	**0.0000**	**50.1460**	**50.1460**	**0.0162**	**0.0000**	**50.5515**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2400e-003	8.7000e-004	9.2800e-003	3.0000e-005	2.9700e-003	2.0000e-005	2.9900e-003	7.9000e-004	2.0000e-005	8.0000e-004	0.0000	2.4829	2.4829	6.0000e-005	0.0000	2.4845
Total	**1.2400e-003**	**8.7000e-004**	**9.2800e-003**	**3.0000e-005**	**2.9700e-003**	**2.0000e-005**	**2.9900e-003**	**7.9000e-004**	**2.0000e-005**	**8.0000e-004**	**0.0000**	**2.4829**	**2.4829**	**6.0000e-005**	**0.0000**	**2.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1057	0.0000	0.1057	0.0581	0.0000	0.0581	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0612	0.6363	0.3227	5.7000e-004		0.0330	0.0330		0.0303	0.0303	0.0000	50.1460	50.1460	0.0162	0.0000	50.5514
Total	**0.0612**	**0.6363**	**0.3227**	**5.7000e-004**	**0.1057**	**0.0330**	**0.1387**	**0.0581**	**0.0303**	**0.0884**	**0.0000**	**50.1460**	**50.1460**	**0.0162**	**0.0000**	**50.5514**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2400e-003	8.7000e-004	9.2800e-003	3.0000e-005	2.9700e-003	2.0000e-005	2.9900e-003	7.9000e-004	2.0000e-005	8.0000e-004	0.0000	2.4829	2.4829	6.0000e-005	0.0000	2.4845
Total	**1.2400e-003**	**8.7000e-004**	**9.2800e-003**	**3.0000e-005**	**2.9700e-003**	**2.0000e-005**	**2.9900e-003**	**7.9000e-004**	**2.0000e-005**	**8.0000e-004**	**0.0000**	**2.4829**	**2.4829**	**6.0000e-005**	**0.0000**	**2.4845**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1416	0.0000	0.1416	0.0339	0.0000	0.0339	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0312	0.3514	0.2237	4.3000e-004		0.0152	0.0152		0.0140	0.0140	0.0000	38.1390	38.1390	0.0123	0.0000	38.4474
Total	**0.0312**	**0.3514**	**0.2237**	**4.3000e-004**	**0.1416**	**0.0152**	**0.1568**	**0.0339**	**0.0140**	**0.0479**	**0.0000**	**38.1390**	**38.1390**	**0.0123**	**0.0000**	**38.4474**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-004	4.5000e-004	4.8100e-003	1.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.2874	1.2874	3.0000e-005	0.0000	1.2882
Total	**6.4000e-004**	**4.5000e-004**	**4.8100e-003**	**1.0000e-005**	**1.5400e-003**	**1.0000e-005**	**1.5500e-003**	**4.1000e-004**	**1.0000e-005**	**4.2000e-004**	**0.0000**	**1.2874**	**1.2874**	**3.0000e-005**	**0.0000**	**1.2882**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0552	0.0000	0.0552	0.0132	0.0000	0.0132	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0312	0.3514	0.2237	4.3000e-004		0.0152	0.0152		0.0140	0.0140	0.0000	38.1390	38.1390	0.0123	0.0000	38.4473
Total	**0.0312**	**0.3514**	**0.2237**	**4.3000e-004**	**0.0552**	**0.0152**	**0.0704**	**0.0132**	**0.0140**	**0.0272**	**0.0000**	**38.1390**	**38.1390**	**0.0123**	**0.0000**	**38.4473**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-004	4.5000e-004	4.8100e-003	1.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.2874	1.2874	3.0000e-005	0.0000	1.2882
Total	**6.4000e-004**	**4.5000e-004**	**4.8100e-003**	**1.0000e-005**	**1.5400e-003**	**1.0000e-005**	**1.5500e-003**	**4.1000e-004**	**1.0000e-005**	**4.2000e-004**	**0.0000**	**1.2874**	**1.2874**	**3.0000e-005**	**0.0000**	**1.2882**

3.3 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					0.2831	0.0000	0.2831	0.1117	0.0000	0.1117	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1278	1.4152	0.9418	1.8900e-003		0.0606	0.0606		0.0557	0.0557	0.0000	166.2097	166.2097	0.0538	0.0000	167.5536
Total	**0.1278**	**1.4152**	**0.9418**	**1.8900e-003**	**0.2831**	**0.0606**	**0.3437**	**0.1117**	**0.0557**	**0.1674**	**0.0000**	**166.2097**	**166.2097**	**0.0538**	**0.0000**	**167.5536**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6200e-003	1.7600e-003	0.0192	6.0000e-005	6.7000e-003	4.0000e-005	6.7400e-003	1.7800e-003	4.0000e-005	1.8200e-003	0.0000	5.4220	5.4220	1.3000e-004	0.0000	5.4251
Total	**2.6200e-003**	**1.7600e-003**	**0.0192**	**6.0000e-005**	**6.7000e-003**	**4.0000e-005**	**6.7400e-003**	**1.7800e-003**	**4.0000e-005**	**1.8200e-003**	**0.0000**	**5.4220**	**5.4220**	**1.3000e-004**	**0.0000**	**5.4251**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1104	0.0000	0.1104	0.0436	0.0000	0.0436	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1278	1.4152	0.9418	1.8900e-003		0.0606	0.0606		0.0557	0.0557	0.0000	166.2095	166.2095	0.0538	0.0000	167.5534
Total	**0.1278**	**1.4152**	**0.9418**	**1.8900e-003**	**0.1104**	**0.0606**	**0.1710**	**0.0436**	**0.0557**	**0.0993**	**0.0000**	**166.2095**	**166.2095**	**0.0538**	**0.0000**	**167.5534**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6200e-003	1.7600e-003	0.0192	6.0000e-005	6.7000e-003	4.0000e-005	6.7400e-003	1.7800e-003	4.0000e-005	1.8200e-003	0.0000	5.4220	5.4220	1.3000e-004	0.0000	5.4251
Total	**2.6200e-003**	**1.7600e-003**	**0.0192**	**6.0000e-005**	**6.7000e-003**	**4.0000e-005**	**6.7400e-003**	**1.7800e-003**	**4.0000e-005**	**1.8200e-003**	**0.0000**	**5.4220**	**5.4220**	**1.3000e-004**	**0.0000**	**5.4251**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1901	1.7432	1.6575	2.6900e-003		0.0959	0.0959		0.0901	0.0901	0.0000	231.6373	231.6373	0.0559	0.0000	233.0344
Total	**0.1901**	**1.7432**	**1.6575**	**2.6900e-003**		**0.0959**	**0.0959**		**0.0901**	**0.0901**	**0.0000**	**231.6373**	**231.6373**	**0.0559**	**0.0000**	**233.0344**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0377	1.4732	0.2835	4.0300e-003	0.0998	2.8200e-003	0.1026	0.0288	2.6900e-003	0.0315	0.0000	385.4776	385.4776	0.0294	0.0000	386.2128
Worker	0.1702	0.1147	1.2498	3.9000e-003	0.4364	2.6100e-003	0.4390	0.1159	2.4100e-003	0.1183	0.0000	352.8720	352.8720	8.2200e-003	0.0000	353.0775
Total	**0.2079**	**1.5879**	**1.5332**	**7.9300e-003**	**0.5361**	**5.4300e-003**	**0.5416**	**0.1447**	**5.1000e-003**	**0.1498**	**0.0000**	**738.3497**	**738.3497**	**0.0376**	**0.0000**	**739.2903**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1901	1.7432	1.6575	2.6900e-003		0.0959	0.0959		0.0901	0.0901	0.0000	231.6370	231.6370	0.0559	0.0000	233.0341
Total	**0.1901**	**1.7432**	**1.6575**	**2.6900e-003**		**0.0959**	**0.0959**		**0.0901**	**0.0901**	**0.0000**	**231.6370**	**231.6370**	**0.0559**	**0.0000**	**233.0341**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0377	1.4732	0.2835	4.0300e-003	0.0998	2.8200e-003	0.1026	0.0288	2.6900e-003	0.0315	0.0000	385.4776	385.4776	0.0294	0.0000	386.2128
Worker	0.1702	0.1147	1.2498	3.9000e-003	0.4364	2.6100e-003	0.4390	0.1159	2.4100e-003	0.1183	0.0000	352.8720	352.8720	8.2200e-003	0.0000	353.0775
Total	**0.2079**	**1.5879**	**1.5332**	**7.9300e-003**	**0.5361**	**5.4300e-003**	**0.5416**	**0.1447**	**5.1000e-003**	**0.1498**	**0.0000**	**738.3497**	**738.3497**	**0.0376**	**0.0000**	**739.2903**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	**0.2218**	**2.0300**	**2.1272**	**3.5000e-003**		**0.1052**	**0.1052**		**0.0990**	**0.0990**	**0.0000**	**301.2428**	**301.2428**	**0.0722**	**0.0000**	**303.0471**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0457	1.8043	0.3432	5.1900e-003	0.1297	3.0800e-003	0.1328	0.0374	2.9500e-003	0.0404	0.0000	496.8104	496.8104	0.0362	0.0000	497.7158
Worker	0.2073	0.1342	1.4967	4.8900e-003	0.5673	3.3100e-003	0.5706	0.1506	3.0500e-003	0.1537	0.0000	441.9938	441.9938	9.6000e-003	0.0000	442.2339
Total	**0.2530**	**1.9385**	**1.8399**	**0.0101**	**0.6970**	**6.3900e-003**	**0.7034**	**0.1881**	**6.0000e-003**	**0.1941**	**0.0000**	**938.8041**	**938.8041**	**0.0458**	**0.0000**	**939.9497**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	**0.2218**	**2.0300**	**2.1272**	**3.5000e-003**		**0.1052**	**0.1052**		**0.0990**	**0.0990**	**0.0000**	**301.2425**	**301.2425**	**0.0722**	**0.0000**	**303.0467**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0457	1.8043	0.3432	5.1900e-003	0.1297	3.0800e-003	0.1328	0.0374	2.9500e-003	0.0404	0.0000	496.8104	496.8104	0.0362	0.0000	497.7158
Worker	0.2073	0.1342	1.4967	4.8900e-003	0.5673	3.3100e-003	0.5706	0.1506	3.0500e-003	0.1537	0.0000	441.9938	441.9938	9.6000e-003	0.0000	442.2339
Total	**0.2530**	**1.9385**	**1.8399**	**0.0101**	**0.6970**	**6.3900e-003**	**0.7034**	**0.1881**	**6.0000e-003**	**0.1941**	**0.0000**	**938.8041**	**938.8041**	**0.0458**	**0.0000**	**939.9497**

3.4 Building Construction - 2023

Unmitigated Construction On-Site

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

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0350	1.3494	0.2989	5.0500e-003	0.1297	1.3800e-003	0.1311	0.0374	1.3200e-003	0.0387	0.0000	483.7211	483.7211	0.0277	0.0000	484.4141
Worker	0.1947	0.1209	1.3796	4.7000e-003	0.5673	3.2300e-003	0.5705	0.1506	2.9700e-003	0.1536	0.0000	425.2187	425.2187	8.6300e-003	0.0000	425.4344
Total	**0.2297**	**1.4703**	**1.6785**	**9.7500e-003**	**0.6970**	**4.6100e-003**	**0.7016**	**0.1881**	**4.2900e-003**	**0.1923**	**0.0000**	**908.9397**	**908.9397**	**0.0364**	**0.0000**	**909.8485**

Mitigated Construction On-Site

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

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0350	1.3494	0.2989	5.0500e-003	0.1297	1.3800e-003	0.1311	0.0374	1.3200e-003	0.0387	0.0000	483.7211	483.7211	0.0277	0.0000	484.4141
Worker	0.1947	0.1209	1.3796	4.7000e-003	0.5673	3.2300e-003	0.5705	0.1506	2.9700e-003	0.1536	0.0000	425.2187	425.2187	8.6300e-003	0.0000	425.4344
Total	**0.2297**	**1.4703**	**1.6785**	**9.7500e-003**	**0.6970**	**4.6100e-003**	**0.7016**	**0.1881**	**4.2900e-003**	**0.1923**	**0.0000**	**908.9397**	**908.9397**	**0.0364**	**0.0000**	**909.8485**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0147	0.1344	0.1617	2.7000e-004		6.1300e-003	6.1300e-003		5.7700e-003	5.7700e-003	0.0000	23.1849	23.1849	5.4800e-003	0.0000	23.3220
Total	**0.0147**	**0.1344**	**0.1617**	**2.7000e-004**		**6.1300e-003**	**6.1300e-003**		**5.7700e-003**	**5.7700e-003**	**0.0000**	**23.1849**	**23.1849**	**5.4800e-003**	**0.0000**	**23.3220**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6400e-003	0.1032	0.0222	3.9000e-004	9.9800e-003	1.1000e-004	0.0101	2.8800e-003	1.0000e-004	2.9800e-003	0.0000	37.0693	37.0693	2.0900e-003	0.0000	37.1214
Worker	0.0141	8.4300e-003	0.0993	3.5000e-004	0.0436	2.5000e-004	0.0439	0.0116	2.3000e-004	0.0118	0.0000	31.5409	31.5409	6.1000e-004	0.0000	31.5560
Total	**0.0168**	**0.1117**	**0.1216**	**7.4000e-004**	**0.0536**	**3.6000e-004**	**0.0540**	**0.0145**	**3.3000e-004**	**0.0148**	**0.0000**	**68.6102**	**68.6102**	**2.7000e-003**	**0.0000**	**68.6774**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0147	0.1344	0.1617	2.7000e-004		6.1300e-003	6.1300e-003		5.7700e-003	5.7700e-003	0.0000	23.1849	23.1849	5.4800e-003	0.0000	23.3220
Total	**0.0147**	**0.1344**	**0.1617**	**2.7000e-004**		**6.1300e-003**	**6.1300e-003**		**5.7700e-003**	**5.7700e-003**	**0.0000**	**23.1849**	**23.1849**	**5.4800e-003**	**0.0000**	**23.3220**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6400e-003	0.1032	0.0222	3.9000e-004	9.9800e-003	1.1000e-004	0.0101	2.8800e-003	1.0000e-004	2.9800e-003	0.0000	37.0693	37.0693	2.0900e-003	0.0000	37.1214
Worker	0.0141	8.4300e-003	0.0993	3.5000e-004	0.0436	2.5000e-004	0.0439	0.0116	2.3000e-004	0.0118	0.0000	31.5409	31.5409	6.1000e-004	0.0000	31.5560
Total	**0.0168**	**0.1117**	**0.1216**	**7.4000e-004**	**0.0536**	**3.6000e-004**	**0.0540**	**0.0145**	**3.3000e-004**	**0.0148**	**0.0000**	**68.6102**	**68.6102**	**2.7000e-003**	**0.0000**	**68.6774**

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0272	0.2619	0.4022	6.3000e-004		0.0129	0.0129		0.0119	0.0119	0.0000	55.0730	55.0730	0.0178	0.0000	55.5183
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0272**	**0.2619**	**0.4022**	**6.3000e-004**		**0.0129**	**0.0129**		**0.0119**	**0.0119**	**0.0000**	**55.0730**	**55.0730**	**0.0178**	**0.0000**	**55.5183**

3.5 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4700e-003	8.8000e-004	0.0103	4.0000e-005	4.5300e-003	3.0000e-005	4.5600e-003	1.2000e-003	2.0000e-005	1.2300e-003	0.0000	3.2772	3.2772	6.0000e-005	0.0000	3.2788
Total	**1.4700e-003**	**8.8000e-004**	**0.0103**	**4.0000e-005**	**4.5300e-003**	**3.0000e-005**	**4.5600e-003**	**1.2000e-003**	**2.0000e-005**	**1.2300e-003**	**0.0000**	**3.2772**	**3.2772**	**6.0000e-005**	**0.0000**	**3.2788**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0272	0.2619	0.4022	6.3000e-004		0.0129	0.0129		0.0119	0.0119	0.0000	55.0729	55.0729	0.0178	0.0000	55.5182
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0272**	**0.2619**	**0.4022**	**6.3000e-004**		**0.0129**	**0.0129**		**0.0119**	**0.0119**	**0.0000**	**55.0729**	**55.0729**	**0.0178**	**0.0000**	**55.5182**

3.5 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4700e-003	8.8000e-004	0.0103	4.0000e-005	4.5300e-003	3.0000e-005	4.5600e-003	1.2000e-003	2.0000e-005	1.2300e-003	0.0000	3.2772	3.2772	6.0000e-005	0.0000	3.2788
Total	**1.4700e-003**	**8.8000e-004**	**0.0103**	**4.0000e-005**	**4.5300e-003**	**3.0000e-005**	**4.5600e-003**	**1.2000e-003**	**2.0000e-005**	**1.2300e-003**	**0.0000**	**3.2772**	**3.2772**	**6.0000e-005**	**0.0000**	**3.2788**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.4800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.9700e-003	0.0335	0.0498	8.0000e-005		1.6800e-003	1.6800e-003		1.6800e-003	1.6800e-003	0.0000	7.0215	7.0215	4.0000e-004	0.0000	7.0313
Total	**4.4849**	**0.0335**	**0.0498**	**8.0000e-005**		**1.6800e-003**	**1.6800e-003**		**1.6800e-003**	**1.6800e-003**	**0.0000**	**7.0215**	**7.0215**	**4.0000e-004**	**0.0000**	**7.0313**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7400e-003	4.6100e-003	0.0544	1.9000e-004	0.0239	1.3000e-004	0.0240	6.3400e-003	1.2000e-004	6.4600e-003	0.0000	17.2601	17.2601	3.3000e-004	0.0000	17.2684
Total	**7.7400e-003**	**4.6100e-003**	**0.0544**	**1.9000e-004**	**0.0239**	**1.3000e-004**	**0.0240**	**6.3400e-003**	**1.2000e-004**	**6.4600e-003**	**0.0000**	**17.2601**	**17.2601**	**3.3000e-004**	**0.0000**	**17.2684**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.4800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.9700e-003	0.0335	0.0498	8.0000e-005		1.6800e-003	1.6800e-003		1.6800e-003	1.6800e-003	0.0000	7.0214	7.0214	4.0000e-004	0.0000	7.0313
Total	**4.4849**	**0.0335**	**0.0498**	**8.0000e-005**		**1.6800e-003**	**1.6800e-003**		**1.6800e-003**	**1.6800e-003**	**0.0000**	**7.0214**	**7.0214**	**4.0000e-004**	**0.0000**	**7.0313**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7400e-003	4.6100e-003	0.0544	1.9000e-004	0.0239	1.3000e-004	0.0240	6.3400e-003	1.2000e-004	6.4600e-003	0.0000	17.2601	17.2601	3.3000e-004	0.0000	17.2684
Total	**7.7400e-003**	**4.6100e-003**	**0.0544**	**1.9000e-004**	**0.0239**	**1.3000e-004**	**0.0240**	**6.3400e-003**	**1.2000e-004**	**6.4600e-003**	**0.0000**	**17.2601**	**17.2601**	**3.3000e-004**	**0.0000**	**17.2684**

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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	0.00	0.00	0.00		
Medical Office Building	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Industrial Park	16.60	8.40	6.90	59.00	28.00	13.00	79	19	2
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Medical Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Strip Mall	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840

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	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	0.0000	0.0000	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	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	tons/yr										MT/yr					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Medical 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
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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

	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					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Medical 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
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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			
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.4938	1.1000e-004	0.0123	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0240	0.0240	6.0000e-005	0.0000	0.0256
Unmitigated	3.4938	1.1000e-004	0.0123	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0240	0.0240	6.0000e-005	0.0000	0.0256

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	3.4926					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1400e-003	1.1000e-004	0.0123	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0240	0.0240	6.0000e-005	0.0000	0.0256
Total	**3.4938**	**1.1000e-004**	**0.0123**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0240**	**0.0240**	**6.0000e-005**	**0.0000**	**0.0256**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.4926					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1400e-003	1.1000e-004	0.0123	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0240	0.0240	6.0000e-005	0.0000	0.0256
Total	**3.4938**	**1.1000e-004**	**0.0123**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0240**	**0.0240**	**6.0000e-005**	**0.0000**	**0.0256**

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			
Industrial Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Industrial Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

12928 Sun Lakes Village North Specific Plan Amendment No. 6 Proposed 2020 Construction Run

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	52.06	1000sqft	4.00	52,065.00	0
Industrial Park	877.30	1000sqft	40.28	877,298.00	0
Strip Mall	37.19	1000sqft	2.83	37,189.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Per land use plan

Off-road Equipment - Construction only

Off-road Equipment - Construction only

Off-road Equipment - Operations only

Off-road Equipment - Construction only

Off-road Equipment - Construction only

Off-road Equipment - Construction only

Trips and VMT - Construction only

On-road Fugitive Dust - Construction only

Grading - Construction only

Architectural Coating - Construction only

Vehicle Trips - Construction only

Energy Use - Construction only

Fleet Mix - Only cars and trucks present on site

Construction Phase -

Road Dust - Construction only

Consumer Products - Construction only

Area Coating - Construction only

Landscape Equipment - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0

tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	50	0
tblAreaCoating	Area_EF_Residential_Interior	50	0
tblAreaCoating	Area_Nonresidential_Exterior	483276	0
tblAreaCoating	Area_Nonresidential_Interior	1449828	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	1.92	0.00
tblLandUse	LandUseSquareFeet	52,060.00	52,065.00
tblLandUse	LandUseSquareFeet	877,300.00	877,298.00
tblLandUse	LandUseSquareFeet	37,190.00	37,189.00
tblLandUse	LotAcreage	1.20	4.00
tblLandUse	LotAcreage	20.14	40.28
tblLandUse	LotAcreage	0.85	2.83
tblRoadDust	MeanVehicleSpeed	40	0
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00

tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	SolidWasteGenerationRate	1,087.85	0.00
tblSolidWaste	SolidWasteGenerationRate	562.25	0.00
tblSolidWaste	SolidWasteGenerationRate	39.05	0.00
tblVehicleTrips	ST_TR	2.49	0.00
tblVehicleTrips	ST_TR	8.96	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	0.73	0.00
tblVehicleTrips	SU_TR	1.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	6.83	0.00
tblVehicleTrips	WD_TR	36.13	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	202,875,625.00	0.00
tblWater	IndoorWaterUseRate	6,532,516.79	0.00
tblWater	IndoorWaterUseRate	2,754,757.07	0.00
tblWater	OutdoorWaterUseRate	1,244,288.91	0.00
tblWater	OutdoorWaterUseRate	1,688,399.50	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					
2020	4.5519	50.2577	32.7647	0.0642	18.2675	2.1986	20.4661	9.9840	2.0227	12.0068	0.0000	6,226.1842	6,226.1842	1.9481	0.0000	6,274.8858
2021	4.2860	46.4539	33.8614	0.1103	8.8969	1.9867	10.8836	3.6558	1.8277	5.4835	0.0000	11,097.7912	11,097.7912	1.9479	0.0000	11,123.4330
2022	3.8107	30.3753	32.3279	0.1084	5.4492	0.8579	6.3071	1.4681	0.8070	2.2751	0.0000	10,907.5602	10,907.5602	0.9950	0.0000	10,932.4351
2023	3.4872	25.6281	30.8767	0.1057	5.4492	0.7350	6.1842	1.4681	0.6913	2.1594	0.0000	10,639.8178	10,639.8178	0.9136	0.0000	10,662.6569
2024	163.3983	24.5496	29.9477	0.1042	5.4491	0.6483	6.0974	1.4681	0.6095	2.0776	0.0000	10,484.1436	10,484.1436	0.8980	0.0000	10,506.5946
Maximum	**163.3983**	**50.2577**	**33.8614**	**0.1103**	**18.2675**	**2.1986**	**20.4661**	**9.9840**	**2.0227**	**12.0068**	**0.0000**	**11,097.7912**	**11,097.7912**	**1.9481**	**0.0000**	**11,123.4330**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.5519	50.2577	32.7647	0.0642	7.2470	2.1986	9.4457	3.9263	2.0227	5.9491	0.0000	6,226.1842	6,226.1842	1.9481	0.0000	6,274.8858
2021	4.2860	46.4539	33.8614	0.1103	5.4493	1.9867	6.4618	1.4681	1.8277	3.2897	0.0000	11,097.7912	11,097.7912	1.9479	0.0000	11,123.4329
2022	3.8107	30.3753	32.3279	0.1084	5.4492	0.8579	6.3071	1.4681	0.8070	2.2751	0.0000	10,907.5602	10,907.5602	0.9950	0.0000	10,932.4351
2023	3.4872	25.6281	30.8767	0.1057	5.4492	0.7350	6.1842	1.4681	0.6913	2.1594	0.0000	10,639.8178	10,639.8178	0.9136	0.0000	10,662.6569
2024	163.3983	24.5496	29.9477	0.1042	5.4491	0.6483	6.0974	1.4681	0.6095	2.0776	0.0000	10,484.1436	10,484.1436	0.8980	0.0000	10,506.5946
Maximum	**163.3983**	**50.2577**	**33.8614**	**0.1103**	**7.2470**	**2.1986**	**9.4457**	**3.9263**	**2.0227**	**5.9491**	**0.0000**	**11,097.7912**	**11,097.7912**	**1.9481**	**0.0000**	**11,123.4329**

	ROG	NOx	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	**0.00**	**0.00**	**0.00**	**0.00**	**33.25**	**0.00**	**30.92**	**45.70**	**0.00**	**34.38**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	19.1468	8.9000e-004	0.0985	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004		0.2115	0.2115	5.5000e-004		0.2253
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	**19.1468**	**8.9000e-004**	**0.0985**	**1.0000e-005**	**0.0000**	**3.5000e-004**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**3.5000e-004**		**0.2115**	**0.2115**	**5.5000e-004**	**0.0000**	**0.2253**

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	19.1468	8.9000e-004	0.0985	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004		0.2115	0.2115	5.5000e-004		0.2253
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	**19.1468**	**8.9000e-004**	**0.0985**	**1.0000e-005**	**0.0000**	**3.5000e-004**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**3.5000e-004**		**0.2115**	**0.2115**	**5.5000e-004**	**0.0000**	**0.2253**

	ROG	NOx	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	**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	11/1/2020	12/11/2020	5	30	
2	Grading	Grading	12/12/2020	3/26/2021	5	75	
3	Building Construction	Building Construction	3/27/2021	1/26/2024	5	740	
4	Paving	Paving	1/27/2024	4/12/2024	5	55	
5	Architectural Coating	Architectural Coating	4/13/2024	6/28/2024	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 187.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,449,828; Non-Residential Outdoor: 483,276; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	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	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	397.00	158.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	79.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0916	0.0542	0.7258	1.9900e-003	0.2012	1.2200e-003	0.2024	0.0534	1.1200e-003	0.0545		198.2870	198.2870	5.0800e-003		198.4141
Total	**0.0916**	**0.0542**	**0.7258**	**1.9900e-003**	**0.2012**	**1.2200e-003**	**0.2024**	**0.0534**	**1.1200e-003**	**0.0545**		**198.2870**	**198.2870**	**5.0800e-003**		**198.4141**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**7.0458**	**2.1974**	**9.2433**	**3.8730**	**2.0216**	**5.8946**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0916	0.0542	0.7258	1.9900e-003	0.2012	1.2200e-003	0.2024	0.0534	1.1200e-003	0.0545		198.2870	198.2870	5.0800e-003		198.4141
Total	**0.0916**	**0.0542**	**0.7258**	**1.9900e-003**	**0.2012**	**1.2200e-003**	**0.2024**	**0.0534**	**1.1200e-003**	**0.0545**		**198.2870**	**198.2870**	**5.0800e-003**		**198.4141**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**8.6733**	**2.1739**	**10.8472**	**3.5965**	**2.0000**	**5.5965**		**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1018	0.0602	0.8064	2.2100e-003	0.2236	1.3500e-003	0.2249	0.0593	1.2500e-003	0.0605		220.3189	220.3189	5.6500e-003		220.4601
Total	**0.1018**	**0.0602**	**0.8064**	**2.2100e-003**	**0.2236**	**1.3500e-003**	**0.2249**	**0.0593**	**1.2500e-003**	**0.0605**		**220.3189**	**220.3189**	**5.6500e-003**		**220.4601**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**3.3826**	**2.1739**	**5.5565**	**1.4026**	**2.0000**	**3.4026**	**0.0000**	**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1018	0.0602	0.8064	2.2100e-003	0.2236	1.3500e-003	0.2249	0.0593	1.2500e-003	0.0605		220.3189	220.3189	5.6500e-003		220.4601
Total	**0.1018**	**0.0602**	**0.8064**	**2.2100e-003**	**0.2236**	**1.3500e-003**	**0.2249**	**0.0593**	**1.2500e-003**	**0.0605**		**220.3189**	**220.3189**	**5.6500e-003**		**220.4601**

3.3 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771
Total	**0.0948**	**0.0540**	**0.7394**	**2.1400e-003**	**0.2236**	**1.3200e-003**	**0.2249**	**0.0593**	**1.2100e-003**	**0.0605**		**212.9502**	**212.9502**	**5.0800e-003**		**213.0771**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**3.3826**	**1.9853**	**5.3679**	**1.4026**	**1.8265**	**3.2292**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771
Total	**0.0948**	**0.0540**	**0.7394**	**2.1400e-003**	**0.2236**	**1.3200e-003**	**0.2249**	**0.0593**	**1.2100e-003**	**0.0605**		**212.9502**	**212.9502**	**5.0800e-003**		**213.0771**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3689	14.6212	2.6087	0.0409	1.0117	0.0278	1.0395	0.2913	0.0266	0.3179		4,317.3662	4,317.3662	0.3089		4,325.0878
Worker	1.8822	1.0723	14.6776	0.0424	4.4375	0.0262	4.4637	1.1769	0.0241	1.2009		4,227.0611	4,227.0611	0.1008		4,229.5809
Total	**2.2510**	**15.6934**	**17.2862**	**0.0834**	**5.4493**	**0.0540**	**5.5032**	**1.4681**	**0.0507**	**1.5188**		**8,544.4273**	**8,544.4273**	**0.4097**		**8,554.6687**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3689	14.6212	2.6087	0.0409	1.0117	0.0278	1.0395	0.2913	0.0266	0.3179		4,317.3662	4,317.3662	0.3089		4,325.0878
Worker	1.8822	1.0723	14.6776	0.0424	4.4375	0.0262	4.4637	1.1769	0.0241	1.2009		4,227.0611	4,227.0611	0.1008		4,229.5809
Total	**2.2510**	**15.6934**	**17.2862**	**0.0834**	**5.4493**	**0.0540**	**5.5032**	**1.4681**	**0.0507**	**1.5188**		**8,544.4273**	**8,544.4273**	**0.4097**		**8,554.6687**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3439	13.7947	2.4264	0.0406	1.0117	0.0234	1.0351	0.2913	0.0224	0.3136		4,280.6178	4,280.6178	0.2925		4,287.9308
Worker	1.7605	0.9650	13.5381	0.0409	4.4375	0.0255	4.4630	1.1769	0.0234	1.2003		4,072.6088	4,072.6088	0.0905		4,074.8722
Total	**2.1045**	**14.7596**	**15.9645**	**0.0815**	**5.4492**	**0.0488**	**5.4981**	**1.4681**	**0.0458**	**1.5139**		**8,353.2266**	**8,353.2266**	**0.3831**		**8,362.8029**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3439	13.7947	2.4264	0.0406	1.0117	0.0234	1.0351	0.2913	0.0224	0.3136		4,280.6178	4,280.6178	0.2925		4,287.9308
Worker	1.7605	0.9650	13.5381	0.0409	4.4375	0.0255	4.4630	1.1769	0.0234	1.2003		4,072.6088	4,072.6088	0.0905		4,074.8722
Total	**2.1045**	**14.7596**	**15.9645**	**0.0815**	**5.4492**	**0.0488**	**5.4981**	**1.4681**	**0.0458**	**1.5139**		**8,353.2266**	**8,353.2266**	**0.3831**		**8,362.8029**

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2638	10.3730	2.1386	0.0395	1.0117	0.0104	1.0221	0.2913	9.9800e-003	0.3012		4,166.7688	4,166.7688	0.2245		4,172.3803
Worker	1.6507	0.8702	12.4941	0.0393	4.4375	0.0249	4.4624	1.1769	0.0229	1.1997		3,917.8390	3,917.8390	0.0813		3,919.8706
Total	**1.9145**	**11.2432**	**14.6327**	**0.0788**	**5.4492**	**0.0353**	**5.4845**	**1.4681**	**0.0329**	**1.5010**		**8,084.6078**	**8,084.6078**	**0.3057**		**8,092.2509**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2638	10.3730	2.1386	0.0395	1.0117	0.0104	1.0221	0.2913	9.9800e-003	0.3012		4,166.7688	4,166.7688	0.2245		4,172.3803
Worker	1.6507	0.8702	12.4941	0.0393	4.4375	0.0249	4.4624	1.1769	0.0229	1.1997		3,917.8390	3,917.8390	0.0813		3,919.8706
Total	**1.9145**	**11.2432**	**14.6327**	**0.0788**	**5.4492**	**0.0353**	**5.4845**	**1.4681**	**0.0329**	**1.5010**		**8,084.6078**	**8,084.6078**	**0.3057**		**8,092.2509**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2587	10.3167	2.0659	0.0393	1.0116	0.0104	1.0220	0.2913	9.9300e-003	0.3012		4,150.4678	4,150.4678	0.2196		4,155.9575
Worker	1.5556	0.7891	11.7150	0.0379	4.4375	0.0246	4.4621	1.1769	0.0226	1.1995		3,777.9769	3,777.9769	0.0741		3,779.8294
Total	**1.8144**	**11.1058**	**13.7809**	**0.0772**	**5.4491**	**0.0350**	**5.4841**	**1.4681**	**0.0326**	**1.5007**		**7,928.4447**	**7,928.4447**	**0.2937**		**7,935.7869**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2587	10.3167	2.0659	0.0393	1.0116	0.0104	1.0220	0.2913	9.9300e-003	0.3012		4,150.4678	4,150.4678	0.2196		4,155.9575
Worker	1.5556	0.7891	11.7150	0.0379	4.4375	0.0246	4.4621	1.1769	0.0226	1.1995		3,777.9769	3,777.9769	0.0741		3,779.8294
Total	**1.8144**	**11.1058**	**13.7809**	**0.0772**	**5.4491**	**0.0350**	**5.4841**	**1.4681**	**0.0326**	**1.5007**		**7,928.4447**	**7,928.4447**	**0.2937**		**7,935.7869**

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.5 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0298	0.4426	1.4300e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		142.7447	142.7447	2.8000e-003		142.8147
Total	**0.0588**	**0.0298**	**0.4426**	**1.4300e-003**	**0.1677**	**9.3000e-004**	**0.1686**	**0.0445**	**8.6000e-004**	**0.0453**		**142.7447**	**142.7447**	**2.8000e-003**		**142.8147**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.5 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0298	0.4426	1.4300e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		142.7447	142.7447	2.8000e-003		142.8147
Total	**0.0588**	**0.0298**	**0.4426**	**1.4300e-003**	**0.1677**	**9.3000e-004**	**0.1686**	**0.0445**	**8.6000e-004**	**0.0453**		**142.7447**	**142.7447**	**2.8000e-003**		**142.8147**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	162.9080					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**163.0887**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3096	0.1570	2.3312	7.5400e-003	0.8830	4.8900e-003	0.8879	0.2342	4.5000e-003	0.2387		751.7889	751.7889	0.0148		752.1575
Total	**0.3096**	**0.1570**	**2.3312**	**7.5400e-003**	**0.8830**	**4.8900e-003**	**0.8879**	**0.2342**	**4.5000e-003**	**0.2387**		**751.7889**	**751.7889**	**0.0148**		**752.1575**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	162.9080					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**163.0887**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3096	0.1570	2.3312	7.5400e-003	0.8830	4.8900e-003	0.8879	0.2342	4.5000e-003	0.2387		751.7889	751.7889	0.0148		752.1575
Total	**0.3096**	**0.1570**	**2.3312**	**7.5400e-003**	**0.8830**	**4.8900e-003**	**0.8879**	**0.2342**	**4.5000e-003**	**0.2387**		**751.7889**	**751.7889**	**0.0148**		**752.1575**

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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	0.00	0.00	0.00		
Medical Office Building	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Industrial Park	16.60	8.40	6.90	59.00	28.00	13.00	79	19	2
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Medical Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Strip Mall	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840

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					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical 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
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical 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
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	19.1468	8.9000e-004	0.0985	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004		0.2115	0.2115	5.5000e-004		0.2253
Unmitigated	19.1468	8.9000e-004	0.0985	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004		0.2115	0.2115	5.5000e-004		0.2253

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	19.1377					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.1000e-003	8.9000e-004	0.0985	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004		0.2115	0.2115	5.5000e-004		0.2253
Total	**19.1468**	**8.9000e-004**	**0.0985**	**1.0000e-005**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**		**0.2115**	**0.2115**	**5.5000e-004**		**0.2253**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	19.1377					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.1000e-003	8.9000e-004	0.0985	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004		0.2115	0.2115	5.5000e-004		0.2253
Total	**19.1468**	**8.9000e-004**	**0.0985**	**1.0000e-005**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**		**0.2115**	**0.2115**	**5.5000e-004**		**0.2253**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

12928 Sun Lakes Village North Specific Plan Amendment No. 6 Proposed 2020 Construction Run

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	52.06	1000sqft	4.00	52,065.00	0
Industrial Park	877.30	1000sqft	40.28	877,298.00	0
Strip Mall	37.19	1000sqft	2.83	37,189.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Per land use plan

Off-road Equipment - Construction only

Off-road Equipment - Construction only

Off-road Equipment - Operations only

Off-road Equipment - Construction only

Off-road Equipment - Construction only

Off-road Equipment - Construction only

Trips and VMT - Construction only

On-road Fugitive Dust - Construction only

Grading - Construction only

Architectural Coating - Construction only

Vehicle Trips - Construction only

Energy Use - Construction only

Fleet Mix - Only cars and trucks present on site

Construction Phase -

Road Dust - Construction only

Consumer Products - Construction only

Area Coating - Construction only

Landscape Equipment - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0

tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	50	0
tblAreaCoating	Area_EF_Residential_Interior	50	0
tblAreaCoating	Area_Nonresidential_Exterior	483276	0
tblAreaCoating	Area_Nonresidential_Interior	1449828	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	1.92	0.00
tblLandUse	LandUseSquareFeet	52,060.00	52,065.00
tblLandUse	LandUseSquareFeet	877,300.00	877,298.00
tblLandUse	LandUseSquareFeet	37,190.00	37,189.00
tblLandUse	LotAcreage	1.20	4.00
tblLandUse	LotAcreage	20.14	40.28
tblLandUse	LotAcreage	0.85	2.83
tblRoadDust	MeanVehicleSpeed	40	0
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00

tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	SolidWasteGenerationRate	1,087.85	0.00
tblSolidWaste	SolidWasteGenerationRate	562.25	0.00
tblSolidWaste	SolidWasteGenerationRate	39.05	0.00
tblVehicleTrips	ST_TR	2.49	0.00
tblVehicleTrips	ST_TR	8.96	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	0.73	0.00
tblVehicleTrips	SU_TR	1.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	6.83	0.00
tblVehicleTrips	WD_TR	36.13	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	202,875,625.00	0.00
tblWater	IndoorWaterUseRate	6,532,516.79	0.00
tblWater	IndoorWaterUseRate	2,754,757.07	0.00
tblWater	OutdoorWaterUseRate	1,244,288.91	0.00
tblWater	OutdoorWaterUseRate	1,688,399.50	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					
2020	4.5498	50.2598	32.6106	0.0640	18.2675	2.1986	20.4661	9.9840	2.0227	12.0068	0.0000	6,203.5124	6,203.5124	1.9473	0.0000	6,252.1956
2021	4.2842	46.4557	31.5088	0.1044	8.8969	1.9867	10.8836	3.6558	1.8277	5.4835	0.0000	10,500.4592	10,500.4592	1.9472	0.0000	10,526.6540
2022	3.8048	30.2697	30.1553	0.1026	5.4492	0.8586	6.3078	1.4681	0.8077	2.2758	0.0000	10,326.7777	10,326.7777	1.0170	0.0000	10,352.2031
2023	3.4821	25.5161	28.7691	0.1002	5.4492	0.7354	6.1845	1.4681	0.6916	2.1597	0.0000	10,081.9574	10,081.9574	0.9275	0.0000	10,105.1444
2024	163.3953	24.4363	27.9643	0.0988	5.4491	0.6486	6.0977	1.4681	0.6098	2.0779	0.0000	9,942.2027	9,942.2027	0.9123	0.0000	9,965.0108
Maximum	**163.3953**	**50.2598**	**32.6106**	**0.1044**	**18.2675**	**2.1986**	**20.4661**	**9.9840**	**2.0227**	**12.0068**	**0.0000**	**10,500.4592**	**10,500.4592**	**1.9473**	**0.0000**	**10,526.6540**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.5498	50.2598	32.6106	0.0640	7.2470	2.1986	9.4457	3.9263	2.0227	5.9491	0.0000	6,203.5124	6,203.5124	1.9473	0.0000	6,252.1956
2021	4.2842	46.4557	31.5088	0.1044	5.4493	1.9867	6.4627	1.4681	1.8277	3.2897	0.0000	10,500.4592	10,500.4592	1.9472	0.0000	10,526.6540
2022	3.8048	30.2697	30.1553	0.1026	5.4492	0.8586	6.3078	1.4681	0.8077	2.2758	0.0000	10,326.7777	10,326.7777	1.0170	0.0000	10,352.2031
2023	3.4821	25.5161	28.7691	0.1002	5.4492	0.7354	6.1845	1.4681	0.6916	2.1597	0.0000	10,081.9574	10,081.9574	0.9275	0.0000	10,105.1444
2024	163.3953	24.4363	27.9643	0.0988	5.4491	0.6486	6.0977	1.4681	0.6098	2.0779	0.0000	9,942.2027	9,942.2027	0.9123	0.0000	9,965.0108
Maximum	**163.3953**	**50.2598**	**32.6106**	**0.1044**	**7.2470**	**2.1986**	**9.4457**	**3.9263**	**2.0227**	**5.9491**	**0.0000**	**10,500.4592**	**10,500.4592**	**1.9473**	**0.0000**	**10,526.6540**

	ROG	NOx	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	**0.00**	**0.00**	**0.00**	**0.00**	**33.25**	**0.00**	**30.92**	**45.70**	**0.00**	**34.38**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	19.1468	8.9000e-004	0.0985	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004		0.2115	0.2115	5.5000e-004		0.2253
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	**19.1468**	**8.9000e-004**	**0.0985**	**1.0000e-005**	**0.0000**	**3.5000e-004**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**3.5000e-004**		**0.2115**	**0.2115**	**5.5000e-004**	**0.0000**	**0.2253**

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	19.1468	8.9000e-004	0.0985	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004		0.2115	0.2115	5.5000e-004		0.2253
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	**19.1468**	**8.9000e-004**	**0.0985**	**1.0000e-005**	**0.0000**	**3.5000e-004**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**3.5000e-004**		**0.2115**	**0.2115**	**5.5000e-004**	**0.0000**	**0.2253**

	ROG	NOx	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	**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	11/1/2020	12/11/2020	5	30	
2	Grading	Grading	12/12/2020	3/26/2021	5	75	
3	Building Construction	Building Construction	3/27/2021	1/26/2024	5	740	
4	Paving	Paving	1/27/2024	4/12/2024	5	55	
5	Architectural Coating	Architectural Coating	4/13/2024	6/28/2024	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 187.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,449,828; Non-Residential Outdoor: 483,276; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	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	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	397.00	158.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	79.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0897	0.0560	0.5871	1.7900e-003	0.2012	1.2200e-003	0.2024	0.0534	1.1200e-003	0.0545		177.8824	177.8824	4.4200e-003		177.9929
Total	**0.0897**	**0.0560**	**0.5871**	**1.7900e-003**	**0.2012**	**1.2200e-003**	**0.2024**	**0.0534**	**1.1200e-003**	**0.0545**		**177.8824**	**177.8824**	**4.4200e-003**		**177.9929**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**7.0458**	**2.1974**	**9.2433**	**3.8730**	**2.0216**	**5.8946**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0897	0.0560	0.5871	1.7900e-003	0.2012	1.2200e-003	0.2024	0.0534	1.1200e-003	0.0545		177.8824	177.8824	4.4200e-003		177.9929
Total	**0.0897**	**0.0560**	**0.5871**	**1.7900e-003**	**0.2012**	**1.2200e-003**	**0.2024**	**0.0534**	**1.1200e-003**	**0.0545**		**177.8824**	**177.8824**	**4.4200e-003**		**177.9929**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**8.6733**	**2.1739**	**10.8472**	**3.5965**	**2.0000**	**5.5965**		**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0997	0.0623	0.6524	1.9800e-003	0.2236	1.3500e-003	0.2249	0.0593	1.2500e-003	0.0605		197.6472	197.6472	4.9100e-003		197.7699
Total	**0.0997**	**0.0623**	**0.6524**	**1.9800e-003**	**0.2236**	**1.3500e-003**	**0.2249**	**0.0593**	**1.2500e-003**	**0.0605**		**197.6472**	**197.6472**	**4.9100e-003**		**197.7699**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**3.3826**	**2.1739**	**5.5565**	**1.4026**	**2.0000**	**3.4026**	**0.0000**	**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0997	0.0623	0.6524	1.9800e-003	0.2236	1.3500e-003	0.2249	0.0593	1.2500e-003	0.0605		197.6472	197.6472	4.9100e-003		197.7699
Total	**0.0997**	**0.0623**	**0.6524**	**1.9800e-003**	**0.2236**	**1.3500e-003**	**0.2249**	**0.0593**	**1.2500e-003**	**0.0605**		**197.6472**	**197.6472**	**4.9100e-003**		**197.7699**

3.3 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491
Total	**0.0931**	**0.0559**	**0.5969**	**1.9200e-003**	**0.2236**	**1.3200e-003**	**0.2249**	**0.0593**	**1.2100e-003**	**0.0605**		**191.0387**	**191.0387**	**4.4100e-003**		**191.1491**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**3.3826**	**1.9853**	**5.3679**	**1.4026**	**1.8265**	**3.2292**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491
Total	**0.0931**	**0.0559**	**0.5969**	**1.9200e-003**	**0.2236**	**1.3200e-003**	**0.2249**	**0.0593**	**1.2100e-003**	**0.0605**		**191.0387**	**191.0387**	**4.4100e-003**		**191.1491**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3918	14.4953	3.0859	0.0394	1.0117	0.0287	1.0404	0.2913	0.0274	0.3187		4,154.9769	4,154.9769	0.3442		4,163.5807
Worker	1.8471	1.1089	11.8477	0.0380	4.4375	0.0262	4.4637	1.1769	0.0241	1.2009		3,792.1184	3,792.1184	0.0876		3,794.3091
Total	**2.2388**	**15.6042**	**14.9336**	**0.0774**	**5.4493**	**0.0548**	**5.5041**	**1.4681**	**0.0515**	**1.5196**		**7,947.0953**	**7,947.0953**	**0.4318**		**7,957.8898**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3918	14.4953	3.0859	0.0394	1.0117	0.0287	1.0404	0.2913	0.0274	0.3187		4,154.9769	4,154.9769	0.3442		4,163.5807
Worker	1.8471	1.1089	11.8477	0.0380	4.4375	0.0262	4.4637	1.1769	0.0241	1.2009		3,792.1184	3,792.1184	0.0876		3,794.3091
Total	**2.2388**	**15.6042**	**14.9336**	**0.0774**	**5.4493**	**0.0548**	**5.5041**	**1.4681**	**0.0515**	**1.5196**		**7,947.0953**	**7,947.0953**	**0.4318**		**7,957.8898**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3658	13.6565	2.8806	0.0391	1.0117	0.0241	1.0358	0.2913	0.0231	0.3144		4,118.6988	4,118.6988	0.3263		4,126.8555
Worker	1.7328	0.9976	10.9113	0.0366	4.4375	0.0255	4.4630	1.1769	0.0234	1.2003		3,653.7454	3,653.7454	0.0788		3,655.7154
Total	**2.0986**	**14.6541**	**13.7919**	**0.0757**	**5.4492**	**0.0496**	**5.4988**	**1.4681**	**0.0465**	**1.5147**		**7,772.4441**	**7,772.4441**	**0.4051**		**7,782.5709**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3658	13.6565	2.8806	0.0391	1.0117	0.0241	1.0358	0.2913	0.0231	0.3144		4,118.6988	4,118.6988	0.3263		4,126.8555
Worker	1.7328	0.9976	10.9113	0.0366	4.4375	0.0255	4.4630	1.1769	0.0234	1.2003		3,653.7454	3,653.7454	0.0788		3,655.7154
Total	**2.0986**	**14.6541**	**13.7919**	**0.0757**	**5.4492**	**0.0496**	**5.4988**	**1.4681**	**0.0465**	**1.5147**		**7,772.4441**	**7,772.4441**	**0.4051**		**7,782.5709**

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2795	10.2320	2.4699	0.0380	1.0117	0.0108	1.0224	0.2913	0.0103	0.3016		4,011.6616	4,011.6616	0.2488		4,017.8819
Worker	1.6298	0.8992	10.0552	0.0353	4.4375	0.0249	4.4624	1.1769	0.0229	1.1997		3,515.0858	3,515.0858	0.0708		3,516.8565
Total	**1.9093**	**11.1312**	**12.5251**	**0.0733**	**5.4492**	**0.0356**	**5.4848**	**1.4681**	**0.0332**	**1.5013**		**7,526.7475**	**7,526.7475**	**0.3196**		**7,534.7384**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2795	10.2320	2.4699	0.0380	1.0117	0.0108	1.0224	0.2913	0.0103	0.3016		4,011.6616	4,011.6616	0.2488		4,017.8819
Worker	1.6298	0.8992	10.0552	0.0353	4.4375	0.0249	4.4624	1.1769	0.0229	1.1997		3,515.0858	3,515.0858	0.0708		3,516.8565
Total	**1.9093**	**11.1312**	**12.5251**	**0.0733**	**5.4492**	**0.0356**	**5.4848**	**1.4681**	**0.0332**	**1.5013**		**7,526.7475**	**7,526.7475**	**0.3196**		**7,534.7384**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2741	10.1775	2.3905	0.0379	1.0116	0.0107	1.0223	0.2913	0.0102	0.3015		3,997.4206	3,997.4206	0.2434		4,003.5046
Worker	1.5407	0.8150	9.4070	0.0340	4.4375	0.0246	4.4621	1.1769	0.0226	1.1995		3,389.0832	3,389.0832	0.0646		3,390.6985
Total	**1.8148**	**10.9925**	**11.7975**	**0.0719**	**5.4491**	**0.0353**	**5.4844**	**1.4681**	**0.0329**	**1.5010**		**7,386.5038**	**7,386.5038**	**0.3080**		**7,394.2031**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2741	10.1775	2.3905	0.0379	1.0116	0.0107	1.0223	0.2913	0.0102	0.3015		3,997.4206	3,997.4206	0.2434		4,003.5046
Worker	1.5407	0.8150	9.4070	0.0340	4.4375	0.0246	4.4621	1.1769	0.0226	1.1995		3,389.0832	3,389.0832	0.0646		3,390.6985
Total	**1.8148**	**10.9925**	**11.7975**	**0.0719**	**5.4491**	**0.0353**	**5.4844**	**1.4681**	**0.0329**	**1.5010**		**7,386.5038**	**7,386.5038**	**0.3080**		**7,394.2031**

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.5 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0582	0.0308	0.3554	1.2800e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		128.0510	128.0510	2.4400e-003		128.1120
Total	**0.0582**	**0.0308**	**0.3554**	**1.2800e-003**	**0.1677**	**9.3000e-004**	**0.1686**	**0.0445**	**8.6000e-004**	**0.0453**		**128.0510**	**128.0510**	**2.4400e-003**		**128.1120**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.5 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0582	0.0308	0.3554	1.2800e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		128.0510	128.0510	2.4400e-003		128.1120
Total	**0.0582**	**0.0308**	**0.3554**	**1.2800e-003**	**0.1677**	**9.3000e-004**	**0.1686**	**0.0445**	**8.6000e-004**	**0.0453**		**128.0510**	**128.0510**	**2.4400e-003**		**128.1120**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	162.9080					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**163.0887**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3066	0.1622	1.8719	6.7600e-003	0.8830	4.8900e-003	0.8879	0.2342	4.5000e-003	0.2387		674.4020	674.4020	0.0129		674.7234
Total	**0.3066**	**0.1622**	**1.8719**	**6.7600e-003**	**0.8830**	**4.8900e-003**	**0.8879**	**0.2342**	**4.5000e-003**	**0.2387**		**674.4020**	**674.4020**	**0.0129**		**674.7234**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	162.9080					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**163.0887**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3066	0.1622	1.8719	6.7600e-003	0.8830	4.8900e-003	0.8879	0.2342	4.5000e-003	0.2387		674.4020	674.4020	0.0129		674.7234
Total	**0.3066**	**0.1622**	**1.8719**	**6.7600e-003**	**0.8830**	**4.8900e-003**	**0.8879**	**0.2342**	**4.5000e-003**	**0.2387**		**674.4020**	**674.4020**	**0.0129**		**674.7234**

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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	0.00	0.00	0.00		
Medical Office Building	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Industrial Park	16.60	8.40	6.90	59.00	28.00	13.00	79	19	2
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Medical Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Strip Mall	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840

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					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical 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
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical 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
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	19.1468	8.9000e-004	0.0985	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004		0.2115	0.2115	5.5000e-004		0.2253
Unmitigated	19.1468	8.9000e-004	0.0985	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004		0.2115	0.2115	5.5000e-004		0.2253

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	19.1377					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.1000e-003	8.9000e-004	0.0985	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004		0.2115	0.2115	5.5000e-004		0.2253
Total	**19.1468**	**8.9000e-004**	**0.0985**	**1.0000e-005**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**		**0.2115**	**0.2115**	**5.5000e-004**		**0.2253**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	19.1377					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.1000e-003	8.9000e-004	0.0985	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004		0.2115	0.2115	5.5000e-004		0.2253
Total	**19.1468**	**8.9000e-004**	**0.0985**	**1.0000e-005**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**		**0.2115**	**0.2115**	**5.5000e-004**		**0.2253**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

12928 Sun Lakes Village North Specific Plan Amendment No. 6 Existing 2020 Operational Run

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Bank (with Drive-Through)	5.00	1000sqft	0.11	5,000.00	0
General Office Building	5.00	1000sqft	0.11	5,000.00	0
Medical Office Building	67.50	1000sqft	1.55	67,500.00	0
Quality Restaurant	21.00	1000sqft	0.48	21,000.00	0
Automobile Care Center	125.00	1000sqft	2.87	125,000.00	0
Automobile Care Center	25.00	1000sqft	0.57	25,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Trips and VMT - Operations only

On-road Fugitive Dust - Operations only

Grading - Operations only

Architectural Coating - Operations

Energy Use - 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	124,250.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	372,750.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	0.00
tblArchitecturalCoating	EF_Parking	100.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	50.00	0.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	0.00
tblEnergyUse	LightingElect	2.93	2.05
tblEnergyUse	LightingElect	2.93	2.05
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	6.62	4.63

tblEnergyUse	T24E	2.20	1.54
tblEnergyUse	T24E	2.20	1.54
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	12.38	8.66
tblEnergyUse	T24NG	15.36	10.75
tblEnergyUse	T24NG	15.36	10.75
tblEnergyUse	T24NG	3.47	2.42
tblEnergyUse	T24NG	3.47	2.42
tblEnergyUse	T24NG	77.67	54.30
tblGrading	MeanVehicleSpeed	7.10	0.00
tblGrading	MeanVehicleSpeed	7.10	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	1.00	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	3.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblTripsAndVMT	VendorTripNumber	41.00	0.00
tblTripsAndVMT	WorkerTripNumber	82.00	0.00
tblTripsAndVMT	WorkerTripNumber	16.00	0.00
tblVehicleEF	HHD	1.50	0.03
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.11	4.6629e-007
tblVehicleEF	HHD	3.46	5.53
tblVehicleEF	HHD	0.46	0.76
tblVehicleEF	HHD	1.51	9.4864e-003
tblVehicleEF	HHD	6,555.40	1,119.65
tblVehicleEF	HHD	1,477.34	1,531.38
tblVehicleEF	HHD	4.68	0.09
tblVehicleEF	HHD	27.96	6.29
tblVehicleEF	HHD	3.07	4.45
tblVehicleEF	HHD	20.33	1.79
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04

tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	4.0000e-005	2.1559e-006
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8710e-003	8.8586e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	3.7000e-005	1.9942e-006
tblVehicleEF	HHD	9.2000e-005	8.7614e-006
tblVehicleEF	HHD	2.7720e-003	3.5026e-004
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tblVehicleEF	HHD	5.1000e-005	5.9309e-006
tblVehicleEF	HHD	0.07	0.14
tblVehicleEF	HHD	1.9500e-004	1.7747e-003
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tblVehicleEF	HHD	7.2000e-005	8.9814e-007
tblVehicleEF	HHD	9.2000e-005	8.7614e-006
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tblVehicleEF	HHD	1.03	0.52
tblVehicleEF	HHD	5.1000e-005	5.9309e-006
tblVehicleEF	HHD	0.11	0.25
tblVehicleEF	HHD	1.9500e-004	1.7747e-003
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tblVehicleEF	HHD	0.11	4.4667e-007

tblVehicleEF	HHD	2.53	5.37
tblVehicleEF	HHD	0.46	0.76
tblVehicleEF	HHD	1.43	9.0047e-003
tblVehicleEF	HHD	6,940.41	1,120.47
tblVehicleEF	HHD	1,477.34	1,531.38
tblVehicleEF	HHD	4.68	0.09
tblVehicleEF	HHD	28.85	6.16
tblVehicleEF	HHD	2.90	4.21
tblVehicleEF	HHD	20.32	1.79
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	4.0000e-005	2.1559e-006
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8710e-003	8.8586e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	3.7000e-005	1.9942e-006
tblVehicleEF	HHD	1.7900e-004	1.4432e-005
tblVehicleEF	HHD	3.1980e-003	3.6287e-004
tblVehicleEF	HHD	0.84	0.47
tblVehicleEF	HHD	1.0100e-004	9.8546e-006
tblVehicleEF	HHD	0.07	0.14
tblVehicleEF	HHD	2.0100e-004	1.7655e-003
tblVehicleEF	HHD	0.05	2.3541e-006
tblVehicleEF	HHD	0.07	0.01

tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	8.9058e-007
tblVehicleEF	HHD	1.7900e-004	1.4432e-005
tblVehicleEF	HHD	3.1980e-003	3.6287e-004
tblVehicleEF	HHD	0.97	0.54
tblVehicleEF	HHD	1.0100e-004	9.8546e-006
tblVehicleEF	HHD	0.11	0.25
tblVehicleEF	HHD	2.0100e-004	1.7655e-003
tblVehicleEF	HHD	0.05	2.5774e-006
tblVehicleEF	HHD	1.62	0.02
tblVehicleEF	HHD	0.03	6.4690e-003
tblVehicleEF	HHD	0.11	4.6976e-007
tblVehicleEF	HHD	4.76	5.65
tblVehicleEF	HHD	0.46	0.56
tblVehicleEF	HHD	1.51	9.5464e-003
tblVehicleEF	HHD	6,023.73	1,099.62
tblVehicleEF	HHD	1,477.34	1,476.92
tblVehicleEF	HHD	4.68	0.09
tblVehicleEF	HHD	26.74	6.35
tblVehicleEF	HHD	3.05	4.31
tblVehicleEF	HHD	20.33	1.79
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	4.0000e-005	2.1559e-006
tblVehicleEF	HHD	0.02	0.01

tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8710e-003	8.7195e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	3.7000e-005	1.9942e-006
tblVehicleEF	HHD	7.4000e-005	9.2695e-006
tblVehicleEF	HHD	2.9910e-003	4.0976e-004
tblVehicleEF	HHD	0.96	0.43
tblVehicleEF	HHD	4.5000e-005	6.0706e-006
tblVehicleEF	HHD	0.07	0.14
tblVehicleEF	HHD	2.0800e-004	1.8772e-003
tblVehicleEF	HHD	0.05	2.4672e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.2000e-005	8.9908e-007
tblVehicleEF	HHD	7.4000e-005	9.2695e-006
tblVehicleEF	HHD	2.9910e-003	4.0976e-004
tblVehicleEF	HHD	1.11	0.49
tblVehicleEF	HHD	4.5000e-005	6.0706e-006
tblVehicleEF	HHD	0.11	0.16
tblVehicleEF	HHD	2.0800e-004	1.8772e-003
tblVehicleEF	HHD	0.06	2.7013e-006
tblVehicleEF	LDA	4.4730e-003	3.6439e-003
tblVehicleEF	LDA	6.2970e-003	0.06
tblVehicleEF	LDA	0.62	0.82
tblVehicleEF	LDA	1.29	2.22
tblVehicleEF	LDA	266.01	281.79
tblVehicleEF	LDA	60.91	56.36

tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.09	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003
tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.08	0.27
tblVehicleEF	LDA	2.6640e-003	2.7877e-003
tblVehicleEF	LDA	6.3100e-004	5.5773e-004
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.09	0.29
tblVehicleEF	LDA	5.0810e-003	3.9168e-003
tblVehicleEF	LDA	5.4700e-003	0.05
tblVehicleEF	LDA	0.76	0.91

tblVehicleEF	LDA	1.14	1.89
tblVehicleEF	LDA	289.77	295.95
tblVehicleEF	LDA	60.91	55.74
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.19
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003
tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.13	0.12
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.07	0.24
tblVehicleEF	LDA	2.9040e-003	2.9279e-003
tblVehicleEF	LDA	6.2800e-004	5.5159e-004
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.13	0.12
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.08	0.26

tblVehicleEF	LDA	4.3110e-003	3.5693e-003
tblVehicleEF	LDA	6.4670e-003	0.06
tblVehicleEF	LDA	0.58	0.79
tblVehicleEF	LDA	1.32	2.28
tblVehicleEF	LDA	259.39	277.36
tblVehicleEF	LDA	60.91	56.47
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.09	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003
tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.09	0.27
tblVehicleEF	LDA	2.5980e-003	2.7439e-003
tblVehicleEF	LDA	6.3200e-004	5.5885e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.04	0.05

tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.10	0.30
tblVehicleEF	LDT1	0.01	9.4839e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.62	1.75
tblVehicleEF	LDT1	3.78	2.46
tblVehicleEF	LDT1	325.17	331.55
tblVehicleEF	LDT1	74.01	67.29
tblVehicleEF	LDT1	0.16	0.15
tblVehicleEF	LDT1	0.23	0.31
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.22	0.16
tblVehicleEF	LDT1	0.37	0.24
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.22	0.83
tblVehicleEF	LDT1	0.27	0.45
tblVehicleEF	LDT1	3.2720e-003	3.2808e-003
tblVehicleEF	LDT1	8.0700e-004	6.6594e-004

tblVehicleEF	LDT1	0.22	0.16
tblVehicleEF	LDT1	0.37	0.24
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	0.22	0.83
tblVehicleEF	LDT1	0.30	0.49
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.95	1.93
tblVehicleEF	LDT1	3.33	2.09
tblVehicleEF	LDT1	353.10	345.86
tblVehicleEF	LDT1	74.01	66.53
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.22	0.29
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.44	0.26
tblVehicleEF	LDT1	0.46	0.26
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.22	0.77

tblVehicleEF	LDT1	0.23	0.39
tblVehicleEF	LDT1	3.5570e-003	3.4225e-003
tblVehicleEF	LDT1	7.9900e-004	6.5837e-004
tblVehicleEF	LDT1	0.44	0.26
tblVehicleEF	LDT1	0.46	0.26
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.22	0.77
tblVehicleEF	LDT1	0.26	0.43
tblVehicleEF	LDT1	0.01	9.3109e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.52	1.70
tblVehicleEF	LDT1	3.84	2.53
tblVehicleEF	LDT1	316.88	326.99
tblVehicleEF	LDT1	74.01	67.43
tblVehicleEF	LDT1	0.16	0.15
tblVehicleEF	LDT1	0.23	0.31
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.41	0.28

tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.28	0.46
tblVehicleEF	LDT1	3.1880e-003	3.2357e-003
tblVehicleEF	LDT1	8.0800e-004	6.6731e-004
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.41	0.28
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.30	0.50
tblVehicleEF	LDT2	6.1110e-003	5.7338e-003
tblVehicleEF	LDT2	8.2750e-003	0.08
tblVehicleEF	LDT2	0.82	1.16
tblVehicleEF	LDT2	1.71	2.85
tblVehicleEF	LDT2	366.61	361.86
tblVehicleEF	LDT2	83.75	73.87
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.15	0.34
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003

tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.37
tblVehicleEF	LDT2	3.6730e-003	3.5801e-003
tblVehicleEF	LDT2	8.6600e-004	7.3103e-004
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.41
tblVehicleEF	LDT2	6.9350e-003	6.1404e-003
tblVehicleEF	LDT2	7.1890e-003	0.07
tblVehicleEF	LDT2	1.00	1.29
tblVehicleEF	LDT2	1.51	2.43
tblVehicleEF	LDT2	398.95	376.16
tblVehicleEF	LDT2	83.75	73.06
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.15	0.32
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003

tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	3.9980e-003	3.7215e-003
tblVehicleEF	LDT2	8.6300e-004	7.2299e-004
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.11	0.36
tblVehicleEF	LDT2	5.8750e-003	5.6213e-003
tblVehicleEF	LDT2	8.5090e-003	0.08
tblVehicleEF	LDT2	0.76	1.12
tblVehicleEF	LDT2	1.74	2.93
tblVehicleEF	LDT2	356.95	357.31
tblVehicleEF	LDT2	83.75	74.02
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.15	0.34
tblVehicleEF	LDT2	0.04	0.04

tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.14	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.08	0.51
tblVehicleEF	LDT2	0.11	0.38
tblVehicleEF	LDT2	3.5750e-003	3.5351e-003
tblVehicleEF	LDT2	8.6700e-004	7.3252e-004
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.14	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.51
tblVehicleEF	LDT2	0.13	0.42
tblVehicleEF	LHD1	5.6490e-003	5.8817e-003
tblVehicleEF	LHD1	0.01	6.7552e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.03	0.81
tblVehicleEF	LHD1	2.54	1.20

tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.90
tblVehicleEF	LHD1	30.90	12.81
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.35	0.99
tblVehicleEF	LHD1	1.02	0.36
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	3.9460e-003	2.8668e-003
tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.9130e-003	1.6620e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.59
tblVehicleEF	LHD1	0.28	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6818e-003
tblVehicleEF	LHD1	3.5800e-004	1.2675e-004
tblVehicleEF	LHD1	3.9460e-003	2.8668e-003

tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.9130e-003	1.6620e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.31	0.59
tblVehicleEF	LHD1	0.30	0.10
tblVehicleEF	LHD1	5.6490e-003	5.8948e-003
tblVehicleEF	LHD1	0.01	6.8828e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.05	0.82
tblVehicleEF	LHD1	2.42	1.14
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.92
tblVehicleEF	LHD1	30.90	12.71
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.21	0.93
tblVehicleEF	LHD1	0.98	0.35
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003

tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	7.3960e-003	4.3926e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.6890e-003	2.4883e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.58
tblVehicleEF	LHD1	0.27	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6820e-003
tblVehicleEF	LHD1	3.5500e-004	1.2579e-004
tblVehicleEF	LHD1	7.3960e-003	4.3926e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.6890e-003	2.4883e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.31	0.58
tblVehicleEF	LHD1	0.29	0.10
tblVehicleEF	LHD1	5.6490e-003	5.8802e-003
tblVehicleEF	LHD1	0.01	6.7279e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.03	0.80
tblVehicleEF	LHD1	2.54	1.20
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.90
tblVehicleEF	LHD1	30.90	12.82

tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.32	0.98
tblVehicleEF	LHD1	1.01	0.37
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	3.5540e-003	3.0437e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7480e-003	1.6710e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.28	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6818e-003
tblVehicleEF	LHD1	3.5800e-004	1.2686e-004
tblVehicleEF	LHD1	3.5540e-003	3.0437e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7480e-003	1.6710e-003

tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.30	0.10
tblVehicleEF	LHD2	3.8330e-003	4.1865e-003
tblVehicleEF	LHD2	5.1000e-003	4.7023e-003
tblVehicleEF	LHD2	9.1950e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.23	0.82
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.41
tblVehicleEF	LHD2	23.90	9.98
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.94	1.23
tblVehicleEF	LHD2	0.56	0.25
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	1.5990e-003	1.7535e-003
tblVehicleEF	LHD2	0.04	0.06

tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.1500e-004	1.0288e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.38
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6672e-003
tblVehicleEF	LHD2	2.6200e-004	9.8743e-005
tblVehicleEF	LHD2	1.5990e-003	1.7535e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	8.1500e-004	1.0288e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.38
tblVehicleEF	LHD2	0.14	0.07
tblVehicleEF	LHD2	3.8330e-003	4.1958e-003
tblVehicleEF	LHD2	5.1600e-003	4.7587e-003
tblVehicleEF	LHD2	8.8690e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.18	0.78
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.42
tblVehicleEF	LHD2	23.90	9.91
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.83	1.16
tblVehicleEF	LHD2	0.54	0.24

tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	3.0260e-003	2.6685e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5540e-003	1.5255e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.37
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6673e-003
tblVehicleEF	LHD2	2.6100e-004	9.8090e-005
tblVehicleEF	LHD2	3.0260e-003	2.6685e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	1.5540e-003	1.5255e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.37
tblVehicleEF	LHD2	0.13	0.07

tblVehicleEF	LHD2	3.8330e-003	4.1853e-003
tblVehicleEF	LHD2	5.0860e-003	4.6903e-003
tblVehicleEF	LHD2	9.2490e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.24	0.82
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.41
tblVehicleEF	LHD2	23.90	9.99
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.92	1.21
tblVehicleEF	LHD2	0.56	0.26
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	1.2860e-003	1.8367e-003
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.9100e-004	1.0189e-003
tblVehicleEF	LHD2	0.06	0.06

tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6671e-003
tblVehicleEF	LHD2	2.6200e-004	9.8819e-005
tblVehicleEF	LHD2	1.2860e-003	1.8367e-003
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	6.9100e-004	1.0189e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.14	0.07
tblVehicleEF	MCY	0.41	0.37
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.93	19.66
tblVehicleEF	MCY	9.66	8.48
tblVehicleEF	MCY	164.88	218.98
tblVehicleEF	MCY	46.70	60.53
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003

tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	1.68	1.17
tblVehicleEF	MCY	0.86	0.72
tblVehicleEF	MCY	0.93	0.71
tblVehicleEF	MCY	2.17	2.53
tblVehicleEF	MCY	0.58	2.13
tblVehicleEF	MCY	2.09	1.84
tblVehicleEF	MCY	2.0370e-003	2.1670e-003
tblVehicleEF	MCY	6.8600e-004	5.9901e-004
tblVehicleEF	MCY	1.68	1.17
tblVehicleEF	MCY	0.86	0.72
tblVehicleEF	MCY	0.93	0.71
tblVehicleEF	MCY	2.66	3.12
tblVehicleEF	MCY	0.58	2.13
tblVehicleEF	MCY	2.27	2.00
tblVehicleEF	MCY	0.41	0.36
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.66	19.00
tblVehicleEF	MCY	9.11	7.76
tblVehicleEF	MCY	164.88	217.72
tblVehicleEF	MCY	46.70	58.69
tblVehicleEF	MCY	0.98	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003

tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	3.35	1.93
tblVehicleEF	MCY	1.25	0.82
tblVehicleEF	MCY	2.10	1.23
tblVehicleEF	MCY	2.15	2.46
tblVehicleEF	MCY	0.58	2.01
tblVehicleEF	MCY	1.87	1.63
tblVehicleEF	MCY	2.0470e-003	2.1545e-003
tblVehicleEF	MCY	6.7100e-004	5.8079e-004
tblVehicleEF	MCY	3.35	1.93
tblVehicleEF	MCY	1.25	0.82
tblVehicleEF	MCY	2.10	1.23
tblVehicleEF	MCY	2.63	3.04
tblVehicleEF	MCY	0.58	2.01
tblVehicleEF	MCY	2.03	1.77
tblVehicleEF	MCY	0.41	0.37
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.43	19.68
tblVehicleEF	MCY	9.60	8.55
tblVehicleEF	MCY	164.88	219.04
tblVehicleEF	MCY	46.70	60.74
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01

tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	1.60	1.29
tblVehicleEF	MCY	1.06	0.93
tblVehicleEF	MCY	0.75	0.70
tblVehicleEF	MCY	2.17	2.54
tblVehicleEF	MCY	0.66	2.43
tblVehicleEF	MCY	2.10	1.87
tblVehicleEF	MCY	2.0290e-003	2.1676e-003
tblVehicleEF	MCY	6.8600e-004	6.0106e-004
tblVehicleEF	MCY	1.60	1.29
tblVehicleEF	MCY	1.06	0.93
tblVehicleEF	MCY	0.75	0.70
tblVehicleEF	MCY	2.66	3.13
tblVehicleEF	MCY	0.66	2.43
tblVehicleEF	MCY	2.28	2.03
tblVehicleEF	MDV	0.01	8.1275e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.58	1.49
tblVehicleEF	MDV	3.47	3.45
tblVehicleEF	MDV	501.88	442.94
tblVehicleEF	MDV	112.78	90.12

tblVehicleEF	MDV	0.19	0.15
tblVehicleEF	MDV	0.34	0.42
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.21	0.16
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.27	0.49
tblVehicleEF	MDV	5.0330e-003	4.3797e-003
tblVehicleEF	MDV	1.1890e-003	8.9179e-004
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.21	0.16
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.30	0.53
tblVehicleEF	MDV	0.02	8.6153e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.91	1.63

tblVehicleEF	MDV	3.08	2.93
tblVehicleEF	MDV	544.80	458.44
tblVehicleEF	MDV	112.78	89.12
tblVehicleEF	MDV	0.18	0.13
tblVehicleEF	MDV	0.33	0.39
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.22	0.15
tblVehicleEF	MDV	0.24	0.17
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.24	0.43
tblVehicleEF	MDV	5.4670e-003	4.5332e-003
tblVehicleEF	MDV	1.1820e-003	8.8191e-004
tblVehicleEF	MDV	0.22	0.15
tblVehicleEF	MDV	0.24	0.17
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.26	0.47

tblVehicleEF	MDV	0.01	7.9891e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.48	1.45
tblVehicleEF	MDV	3.54	3.54
tblVehicleEF	MDV	489.12	438.16
tblVehicleEF	MDV	112.78	90.29
tblVehicleEF	MDV	0.18	0.14
tblVehicleEF	MDV	0.34	0.42
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.22	0.17
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.13	0.54
tblVehicleEF	MDV	0.28	0.50
tblVehicleEF	MDV	4.9040e-003	4.3324e-003
tblVehicleEF	MDV	1.1910e-003	8.9352e-004
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.22	0.17
tblVehicleEF	MDV	0.08	0.09

tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.13	0.54
tblVehicleEF	MDV	0.31	0.54
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.14	0.32
tblVehicleEF	MH	6.37	0.00
tblVehicleEF	MH	1,005.77	983.97
tblVehicleEF	MH	58.82	0.00
tblVehicleEF	MH	1.76	4.09
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	9.9900e-003	9.3020e-003
tblVehicleEF	MH	7.0000e-004	0.00

tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.24	0.32
tblVehicleEF	MH	5.95	0.00
tblVehicleEF	MH	1,005.77	983.97
tblVehicleEF	MH	58.82	0.00
tblVehicleEF	MH	1.63	3.87
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	3.01	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	1.11	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00

tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	9.9910e-003	9.3020e-003
tblVehicleEF	MH	6.9300e-004	0.00
tblVehicleEF	MH	3.01	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	1.11	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.12	0.32
tblVehicleEF	MH	6.40	0.00
tblVehicleEF	MH	1,005.77	983.97
tblVehicleEF	MH	58.82	0.00
tblVehicleEF	MH	1.74	4.02
tblVehicleEF	MH	0.89	0.00
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tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	1.67	0.00
tblVehicleEF	MH	0.11	0.00

tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	9.9890e-003	9.3020e-003
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tblVehicleEF	MH	1.67	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MHD	0.02	4.2934e-003
tblVehicleEF	MHD	6.1240e-003	8.3332e-003
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tblVehicleEF	MHD	0.43	0.38
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tblVehicleEF	MHD	6.54	1.42
tblVehicleEF	MHD	156.54	67.47
tblVehicleEF	MHD	1,067.94	1,101.43
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tblVehicleEF	MHD	0.01	0.01

tblVehicleEF	MHD	0.06	0.08
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tblVehicleEF	MHD	3.6080e-003	2.1060e-003
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	1.8750e-003	6.7885e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	9.0500e-004	4.1295e-004
tblVehicleEF	MHD	0.07	0.14
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.40	0.07
tblVehicleEF	MHD	1.5050e-003	6.4116e-004
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tblVehicleEF	MHD	0.05	0.03
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tblVehicleEF	MHD	3.0000e-003	3.0000e-003
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tblVehicleEF	MHD	3.6340e-003	1.0371e-003
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tblVehicleEF	MHD	1.7950e-003	6.1744e-004
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tblVehicleEF	MHD	1.5920e-003	6.5574e-004

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tblVehicleEF	MHD	6.6100e-004	1.1597e-004
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tblVehicleEF	MHD	0.02	0.13
tblVehicleEF	MHD	0.42	0.07
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tblVehicleEF	MHD	0.60	0.49
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tblVehicleEF	MHD	0.06	0.08
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tblVehicleEF	MHD	4.3910e-003	2.5596e-003

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tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	1.4650e-003	7.1674e-004
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tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	7.2400e-004	4.1297e-004
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tblVehicleEF	MHD	0.05	0.03
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tblVehicleEF	OBUS	1.6900e-004	3.0140e-003
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tblVehicleEF	OBUS	9.4600e-004	9.6790e-004
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tblVehicleEF	OBUS	2.2350e-003	1.9757e-003

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tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	9.4600e-004	9.6790e-004
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tblVehicleEF	OBUS	0.01	0.01
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tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
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tblVehicleEF	OBUS	7.1510e-003	0.05
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tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
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tblVehicleEF	UBUS	0.01	9.5872e-004
tblVehicleEF	UBUS	0.13	0.01
tblVehicleEF	UBUS	5.4970e-003	6.5436e-004
tblVehicleEF	UBUS	2.30	6.22
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	1.40	0.07
tblVehicleEF	UBUS	1.61	6.04
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	10.64	38.44
tblVehicleEF	UBUS	14.18	0.85
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.72
tblVehicleEF	UBUS	5.09	1.54
tblVehicleEF	UBUS	12.44	0.11
tblVehicleEF	UBUS	0.50	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005

tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.02	1.4178e-003
tblVehicleEF	UBUS	0.17	0.01
tblVehicleEF	UBUS	0.01	9.4757e-004
tblVehicleEF	UBUS	0.65	0.14
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.17	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003
tblVehicleEF	UBUS	1.8170e-003	1.1596e-004
tblVehicleEF	UBUS	0.02	1.4178e-003
tblVehicleEF	UBUS	0.17	0.01
tblVehicleEF	UBUS	0.01	9.4757e-004
tblVehicleEF	UBUS	2.31	6.22
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.28	0.06
tblVehicleEF	UBUS	1.60	6.04
tblVehicleEF	UBUS	0.10	0.02
tblVehicleEF	UBUS	10.37	38.44
tblVehicleEF	UBUS	16.61	0.98
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.95
tblVehicleEF	UBUS	5.42	1.54
tblVehicleEF	UBUS	12.54	0.12
tblVehicleEF	UBUS	0.50	0.07

tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.01	9.4530e-004
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.7660e-003	6.2920e-004
tblVehicleEF	UBUS	0.64	0.14
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	1.29	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003
tblVehicleEF	UBUS	1.8600e-003	1.1829e-004
tblVehicleEF	UBUS	0.01	9.4530e-004
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.7660e-003	6.2920e-004
tblVehicleEF	UBUS	2.30	6.22
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	1.42	0.07

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					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
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					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
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**	**N20**	**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	1.0134	3.0000e-005	3.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.1700e-003	6.1700e-003	2.0000e-005	0.0000	6.5800e-003
Energy	0.0526	0.4779	0.4014	2.8700e-003		0.0363	0.0363		0.0363	0.0363	0.0000	1,398.1593	1,398.1593	0.0462	0.0170	1,404.3915
Mobile	3.4000	8.9595	23.9879	0.0617	4.8167	0.1155	4.9322	1.2895	0.1094	1.3989	0.0000	5,816.6990	5,816.6990	0.4290	0.0000	5,827.4236
Waste						0.0000	0.0000		0.0000	0.0000	270.0754	0.0000	270.0754	15.9610	0.0000	669.1004
Water						0.0000	0.0000		0.0000	0.0000	9.5313	164.7688	174.3001	0.9858	0.0245	206.2518
Total	**4.4660**	**9.4374**	**24.3925**	**0.0646**	**4.8167**	**0.1518**	**4.9685**	**1.2895**	**0.1457**	**1.4352**	**279.6067**	**7,379.6333**	**7,659.2400**	**17.4220**	**0.0416**	**8,107.1739**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.0134	3.0000e-005	3.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.1700e-003	6.1700e-003	2.0000e-005	0.0000	6.5800e-003
Energy	0.0526	0.4779	0.4014	2.8700e-003		0.0363	0.0363		0.0363	0.0363	0.0000	1,398.1593	1,398.1593	0.0462	0.0170	1,404.3915
Mobile	3.4000	8.9595	23.9879	0.0617	4.8167	0.1155	4.9322	1.2895	0.1094	1.3989	0.0000	5,816.6990	5,816.6990	0.4290	0.0000	5,827.4236
Waste						0.0000	0.0000		0.0000	0.0000	270.0754	0.0000	270.0754	15.9610	0.0000	669.1004
Water						0.0000	0.0000		0.0000	0.0000	9.5313	164.7688	174.3001	0.9858	0.0245	206.2518
Total	**4.4660**	**9.4374**	**24.3925**	**0.0646**	**4.8167**	**0.1518**	**4.9685**	**1.2895**	**0.1457**	**1.4352**	**279.6067**	**7,379.6333**	**7,659.2400**	**17.4220**	**0.0416**	**8,107.1739**

	ROG	NOx	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	**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	6/30/2019	7/26/2019	5	20	
2	Site Preparation	Site Preparation	7/27/2019	8/9/2019	5	10	
3	Grading	Grading	8/10/2019	9/6/2019	5	20	
4	Building Construction	Building Construction	9/7/2019	7/24/2020	5	230	
5	Paving	Paving	7/25/2020	8/21/2020	5	20	
6	Architectural Coating	Architectural Coating	8/22/2020	9/18/2020	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

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	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	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2019

Unmitigated Construction On-Site

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

3.2 Demolition - 2019

Unmitigated Construction Off-Site

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

3.2 Demolition - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					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
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 - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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
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
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 - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					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
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 - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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
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
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 - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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 - 2019

Unmitigated Construction On-Site

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

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

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

3.5 Building Construction - 2019

Mitigated Construction Off-Site

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

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

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

3.5 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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 - 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
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**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 - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**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 - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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 - 2020

Unmitigated Construction On-Site

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

3.7 Architectural Coating - 2020

Unmitigated Construction Off-Site

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

3.7 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	3.4000	8.9595	23.9879	0.0617	4.8167	0.1155	4.9322	1.2895	0.1094	1.3989	0.0000	5,816.6990	5,816.6990	0.4290	0.0000	5,827.4236
Unmitigated	3.4000	8.9595	23.9879	0.0617	4.8167	0.1155	4.9322	1.2895	0.1094	1.3989	0.0000	5,816.6990	5,816.6990	0.4290	0.0000	5,827.4236

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	2,965.00	2,965.00	1485.00	3,688,552	3,688,552
Automobile Care Center	593.00	593.00	297.00	737,710	737,710
Bank (with Drive-Through)	740.75	431.60	159.50	658,121	658,121
General Office Building	55.15	12.30	5.25	134,979	134,979
Medical Office Building	2,438.78	604.80	104.63	4,781,334	4,781,334
Quality Restaurant	1,888.95	1,981.56	1515.36	2,632,024	2,632,024
Total	8,681.63	6,588.26	3,566.74	12,632,720	12,632,720

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Automobile Care Center	16.60	8.40	6.90	33.00	48.00	19.00	21	51	28
Automobile Care Center	16.60	8.40	6.90	33.00	48.00	19.00	21	51	28
Bank (with Drive-Through)	16.60	8.40	6.90	6.60	74.40	19.00	27	26	47
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
Bank (with Drive-Through)	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
General Office Building	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
Medical Office Building	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
Quality Restaurant	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

12928 Sun Lakes Village North Specific Plan Amendment No. 6 Existing 2020 Operational Run - Riverside-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	877.9518	877.9518	0.0363	7.5000e-003	881.0927
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	877.9518	877.9518	0.0363	7.5000e-003	881.0927
NaturalGas Mitigated	0.0526	0.4779	0.4014	2.8700e-003		0.0363	0.0363		0.0363	0.0363	0.0000	520.2075	520.2075	9.9700e-003	9.5400e-003	523.2988
NaturalGas Unmitigated	0.0526	0.4779	0.4014	2.8700e-003		0.0363	0.0363		0.0363	0.0363	0.0000	520.2075	520.2075	9.9700e-003	9.5400e-003	523.2988

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					
Automobile Care Center	3.485e+006	0.0188	0.1708	0.1435	1.0200e-003		0.0130	0.0130		0.0130	0.0130	0.0000	185.9729	185.9729	3.5600e-003	3.4100e-003	187.0780
Automobile Care Center	697000	3.7600e-003	0.0342	0.0287	2.1000e-004		2.6000e-003	2.6000e-003		2.6000e-003	2.6000e-003	0.0000	37.1946	37.1946	7.1000e-004	6.8000e-004	37.4156
Bank (with Drive-Through)	139400	7.5000e-004	6.8300e-003	5.7400e-003	4.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	7.4389	7.4389	1.4000e-004	1.4000e-004	7.4831
General Office Building	12100	7.0000e-005	5.9000e-004	5.0000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.6457	0.6457	1.0000e-005	1.0000e-005	0.6495
Medical Office Building	163350	8.8000e-004	8.0100e-003	6.7300e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7170	8.7170	1.7000e-004	1.6000e-004	8.7688
Quality Restaurant	5.25147e+006	0.0283	0.2574	0.2162	1.5400e-003		0.0196	0.0196		0.0196	0.0196	0.0000	280.2384	280.2384	5.3700e-003	5.1400e-003	281.9038
Total		**0.0526**	**0.4779**	**0.4014**	**2.8600e-003**		**0.0363**	**0.0363**		**0.0363**	**0.0363**	**0.0000**	**520.2075**	**520.2075**	**9.9600e-003**	**9.5400e-003**	**523.2988**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Automobile Care Center	3.485e+006	0.0188	0.1708	0.1435	1.0200e-003		0.0130	0.0130		0.0130	0.0130	0.0000	185.9729	185.9729	3.5600e-003	3.4100e-003	187.0780
Automobile Care Center	697000	3.7600e-003	0.0342	0.0287	2.1000e-004		2.6000e-003	2.6000e-003		2.6000e-003	2.6000e-003	0.0000	37.1946	37.1946	7.1000e-004	6.8000e-004	37.4156
Bank (with Drive-Through)	139400	7.5000e-004	6.8300e-003	5.7400e-003	4.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	7.4389	7.4389	1.4000e-004	1.4000e-004	7.4831
General Office Building	12100	7.0000e-005	5.9000e-004	5.0000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.6457	0.6457	1.0000e-005	1.0000e-005	0.6495
Medical Office Building	163350	8.8000e-004	8.0100e-003	6.7300e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7170	8.7170	1.7000e-004	1.6000e-004	8.7688
Quality Restaurant	5.25147e+006	0.0283	0.2574	0.2162	1.5400e-003		0.0196	0.0196		0.0196	0.0196	0.0000	280.2384	280.2384	5.3700e-003	5.1400e-003	281.9038
Total		**0.0526**	**0.4779**	**0.4014**	**2.8600e-003**		**0.0363**	**0.0363**		**0.0363**	**0.0363**	**0.0000**	**520.2075**	**520.2075**	**9.9600e-003**	**9.5400e-003**	**523.2988**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Automobile Care Center	1.07625e+006	342.9163	0.0142	2.9300e-003	344.1431
Automobile Care Center	215250	68.5833	2.8300e-003	5.9000e-004	68.8286
Bank (with Drive-Through)	43050	13.7167	5.7000e-004	1.2000e-004	13.7657
General Office Building	37500	11.9483	4.9000e-004	1.0000e-004	11.9911
Medical Office Building	506250	161.3021	6.6600e-003	1.3800e-003	161.8792
Quality Restaurant	877170	279.4852	0.0115	2.3900e-003	280.4850
Total		**877.9518**	**0.0363**	**7.5100e-003**	**881.0927**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Automobile Care Center	1.07625e+006	342.9163	0.0142	2.9300e-003	344.1431
Automobile Care Center	215250	68.5833	2.8300e-003	5.9000e-004	68.8286
Bank (with Drive-Through)	43050	13.7167	5.7000e-004	1.2000e-004	13.7657
General Office Building	37500	11.9483	4.9000e-004	1.0000e-004	11.9911
Medical Office Building	506250	161.3021	6.6600e-003	1.3800e-003	161.8792
Quality Restaurant	877170	279.4852	0.0115	2.3900e-003	280.4850
Total		**877.9518**	**0.0363**	**7.5100e-003**	**881.0927**

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	1.0134	3.0000e-005	3.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.1700e-003	6.1700e-003	2.0000e-005	0.0000	6.5800e-003
Unmitigated	1.0134	3.0000e-005	3.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.1700e-003	6.1700e-003	2.0000e-005	0.0000	6.5800e-003

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	0.1152					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8980					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-004	3.0000e-005	3.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.1700e-003	6.1700e-003	2.0000e-005	0.0000	6.5800e-003
Total	**1.0134**	**3.0000e-005**	**3.1900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**6.1700e-003**	**6.1700e-003**	**2.0000e-005**	**0.0000**	**6.5800e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1152					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8980					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-004	3.0000e-005	3.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.1700e-003	6.1700e-003	2.0000e-005	0.0000	6.5800e-003
Total	**1.0134**	**3.0000e-005**	**3.1900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**6.1700e-003**	**6.1700e-003**	**2.0000e-005**	**0.0000**	**6.5800e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	174.3001	0.9858	0.0245	206.2518
Unmitigated	174.3001	0.9858	0.0245	206.2518

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	14.1122 / 8.64939	93.6431	0.4635	0.0116	108.6939
Bank (with Drive-Through)	0.198115 / 0.121425	1.3146	6.5100e-003	1.6000e-004	1.5259
General Office Building	0.888669 / 0.544668	5.8969	0.0292	7.3000e-004	6.8447
Medical Office Building	8.46994 / 1.61332	43.5379	0.2777	6.8700e-003	52.5259
Quality Restaurant	6.37421 / 0.406864	29.9076	0.2089	5.1400e-003	36.6615
Total		**174.3001**	**0.9858**	**0.0245**	**206.2518**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	14.1122 / 8.64939	93.6431	0.4635	0.0116	108.6939
Bank (with Drive-Through)	0.198115 / 0.121425	1.3146	6.5100e-003	1.6000e-004	1.5259
General Office Building	0.888669 / 0.544668	5.8969	0.0292	7.3000e-004	6.8447
Medical Office Building	8.46994 / 1.61332	43.5379	0.2777	6.8700e-003	52.5259
Quality Restaurant	6.37421 / 0.406864	29.9076	0.2089	5.1400e-003	36.6615
Total		**174.3001**	**0.9858**	**0.0245**	**206.2518**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	270.0754	15.9610	0.0000	669.1004
Unmitigated	270.0754	15.9610	0.0000	669.1004

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	573	116.3138	6.8740	0.0000	288.1626
Bank (with Drive-Through)	4.67	0.9480	0.0560	0.0000	2.3486
General Office Building	4.65	0.9439	0.0558	0.0000	2.3385
Medical Office Building	729	147.9804	8.7454	0.0000	366.6152
Quality Restaurant	19.16	3.8893	0.2299	0.0000	9.6356
Total		**270.0754**	**15.9610**	**0.0000**	**669.1004**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	573	116.3138	6.8740	0.0000	288.1626
Bank (with Drive-Through)	4.67	0.9480	0.0560	0.0000	2.3486
General Office Building	4.65	0.9439	0.0558	0.0000	2.3385
Medical Office Building	729	147.9804	8.7454	0.0000	366.6152
Quality Restaurant	19.16	3.8893	0.2299	0.0000	9.6356
Total		**270.0754**	**15.9610**	**0.0000**	**669.1004**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

12928 Sun Lakes Village North Specific Plan Amendment No. 6 Existing 2020 Operational Run

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Bank (with Drive-Through)	5.00	1000sqft	0.11	5,000.00	0
General Office Building	5.00	1000sqft	0.11	5,000.00	0
Medical Office Building	67.50	1000sqft	1.55	67,500.00	0
Quality Restaurant	21.00	1000sqft	0.48	21,000.00	0
Automobile Care Center	125.00	1000sqft	2.87	125,000.00	0
Automobile Care Center	25.00	1000sqft	0.57	25,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Trips and VMT - Operations only

On-road Fugitive Dust - Operations only

Grading - Operations only

Architectural Coating - Operations

Energy Use - 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	124,250.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	372,750.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	0.00
tblArchitecturalCoating	EF_Parking	100.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	50.00	0.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	0.00
tblEnergyUse	LightingElect	2.93	2.05
tblEnergyUse	LightingElect	2.93	2.05
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	6.62	4.63

tblEnergyUse	T24E	2.20	1.54
tblEnergyUse	T24E	2.20	1.54
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	12.38	8.66
tblEnergyUse	T24NG	15.36	10.75
tblEnergyUse	T24NG	15.36	10.75
tblEnergyUse	T24NG	3.47	2.42
tblEnergyUse	T24NG	3.47	2.42
tblEnergyUse	T24NG	77.67	54.30
tblGrading	MeanVehicleSpeed	7.10	0.00
tblGrading	MeanVehicleSpeed	7.10	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	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
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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	3.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblTripsAndVMT	VendorTripNumber	41.00	0.00
tblTripsAndVMT	WorkerTripNumber	82.00	0.00
tblTripsAndVMT	WorkerTripNumber	16.00	0.00
tblVehicleEF	HHD	1.50	0.03
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.11	4.6629e-007
tblVehicleEF	HHD	3.46	5.53
tblVehicleEF	HHD	0.46	0.76
tblVehicleEF	HHD	1.51	9.4864e-003
tblVehicleEF	HHD	6,555.40	1,119.65
tblVehicleEF	HHD	1,477.34	1,531.38
tblVehicleEF	HHD	4.68	0.09
tblVehicleEF	HHD	27.96	6.29
tblVehicleEF	HHD	3.07	4.45
tblVehicleEF	HHD	20.33	1.79
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04

tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	4.0000e-005	2.1559e-006
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.03	0.03
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tblVehicleEF	HHD	9.2000e-005	8.7614e-006
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tblVehicleEF	HHD	1.9500e-004	1.7747e-003
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tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.11	4.4667e-007

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tblVehicleEF	HHD	1,477.34	1,531.38
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tblVehicleEF	HHD	20.32	1.79
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	4.0000e-005	2.1559e-006
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8710e-003	8.8586e-003
tblVehicleEF	HHD	0.02	0.06
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tblVehicleEF	HHD	0.07	0.01

tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	8.9058e-007
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tblVehicleEF	HHD	20.33	1.79
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tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	4.0000e-005	2.1559e-006
tblVehicleEF	HHD	0.02	0.01

tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8710e-003	8.7195e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	3.7000e-005	1.9942e-006
tblVehicleEF	HHD	7.4000e-005	9.2695e-006
tblVehicleEF	HHD	2.9910e-003	4.0976e-004
tblVehicleEF	HHD	0.96	0.43
tblVehicleEF	HHD	4.5000e-005	6.0706e-006
tblVehicleEF	HHD	0.07	0.14
tblVehicleEF	HHD	2.0800e-004	1.8772e-003
tblVehicleEF	HHD	0.05	2.4672e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.2000e-005	8.9908e-007
tblVehicleEF	HHD	7.4000e-005	9.2695e-006
tblVehicleEF	HHD	2.9910e-003	4.0976e-004
tblVehicleEF	HHD	1.11	0.49
tblVehicleEF	HHD	4.5000e-005	6.0706e-006
tblVehicleEF	HHD	0.11	0.16
tblVehicleEF	HHD	2.0800e-004	1.8772e-003
tblVehicleEF	HHD	0.06	2.7013e-006
tblVehicleEF	LDA	4.4730e-003	3.6439e-003
tblVehicleEF	LDA	6.2970e-003	0.06
tblVehicleEF	LDA	0.62	0.82
tblVehicleEF	LDA	1.29	2.22
tblVehicleEF	LDA	266.01	281.79
tblVehicleEF	LDA	60.91	56.36

tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.09	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003
tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.08	0.27
tblVehicleEF	LDA	2.6640e-003	2.7877e-003
tblVehicleEF	LDA	6.3100e-004	5.5773e-004
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.09	0.29
tblVehicleEF	LDA	5.0810e-003	3.9168e-003
tblVehicleEF	LDA	5.4700e-003	0.05
tblVehicleEF	LDA	0.76	0.91

tblVehicleEF	LDA	1.14	1.89
tblVehicleEF	LDA	289.77	295.95
tblVehicleEF	LDA	60.91	55.74
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.19
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003
tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.13	0.12
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.07	0.24
tblVehicleEF	LDA	2.9040e-003	2.9279e-003
tblVehicleEF	LDA	6.2800e-004	5.5159e-004
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.13	0.12
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.08	0.26

tblVehicleEF	LDA	4.3110e-003	3.5693e-003
tblVehicleEF	LDA	6.4670e-003	0.06
tblVehicleEF	LDA	0.58	0.79
tblVehicleEF	LDA	1.32	2.28
tblVehicleEF	LDA	259.39	277.36
tblVehicleEF	LDA	60.91	56.47
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.09	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003
tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.09	0.27
tblVehicleEF	LDA	2.5980e-003	2.7439e-003
tblVehicleEF	LDA	6.3200e-004	5.5885e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.04	0.05

tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.10	0.30
tblVehicleEF	LDT1	0.01	9.4839e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.62	1.75
tblVehicleEF	LDT1	3.78	2.46
tblVehicleEF	LDT1	325.17	331.55
tblVehicleEF	LDT1	74.01	67.29
tblVehicleEF	LDT1	0.16	0.15
tblVehicleEF	LDT1	0.23	0.31
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.22	0.16
tblVehicleEF	LDT1	0.37	0.24
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.22	0.83
tblVehicleEF	LDT1	0.27	0.45
tblVehicleEF	LDT1	3.2720e-003	3.2808e-003
tblVehicleEF	LDT1	8.0700e-004	6.6594e-004

tblVehicleEF	LDT1	0.22	0.16
tblVehicleEF	LDT1	0.37	0.24
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	0.22	0.83
tblVehicleEF	LDT1	0.30	0.49
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.95	1.93
tblVehicleEF	LDT1	3.33	2.09
tblVehicleEF	LDT1	353.10	345.86
tblVehicleEF	LDT1	74.01	66.53
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.22	0.29
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.44	0.26
tblVehicleEF	LDT1	0.46	0.26
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.22	0.77

tblVehicleEF	LDT1	0.23	0.39
tblVehicleEF	LDT1	3.5570e-003	3.4225e-003
tblVehicleEF	LDT1	7.9900e-004	6.5837e-004
tblVehicleEF	LDT1	0.44	0.26
tblVehicleEF	LDT1	0.46	0.26
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.22	0.77
tblVehicleEF	LDT1	0.26	0.43
tblVehicleEF	LDT1	0.01	9.3109e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.52	1.70
tblVehicleEF	LDT1	3.84	2.53
tblVehicleEF	LDT1	316.88	326.99
tblVehicleEF	LDT1	74.01	67.43
tblVehicleEF	LDT1	0.16	0.15
tblVehicleEF	LDT1	0.23	0.31
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.41	0.28

tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.28	0.46
tblVehicleEF	LDT1	3.1880e-003	3.2357e-003
tblVehicleEF	LDT1	8.0800e-004	6.6731e-004
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.41	0.28
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.30	0.50
tblVehicleEF	LDT2	6.1110e-003	5.7338e-003
tblVehicleEF	LDT2	8.2750e-003	0.08
tblVehicleEF	LDT2	0.82	1.16
tblVehicleEF	LDT2	1.71	2.85
tblVehicleEF	LDT2	366.61	361.86
tblVehicleEF	LDT2	83.75	73.87
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.15	0.34
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003

tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.37
tblVehicleEF	LDT2	3.6730e-003	3.5801e-003
tblVehicleEF	LDT2	8.6600e-004	7.3103e-004
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.41
tblVehicleEF	LDT2	6.9350e-003	6.1404e-003
tblVehicleEF	LDT2	7.1890e-003	0.07
tblVehicleEF	LDT2	1.00	1.29
tblVehicleEF	LDT2	1.51	2.43
tblVehicleEF	LDT2	398.95	376.16
tblVehicleEF	LDT2	83.75	73.06
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.15	0.32
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003

tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	3.9980e-003	3.7215e-003
tblVehicleEF	LDT2	8.6300e-004	7.2299e-004
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.11	0.36
tblVehicleEF	LDT2	5.8750e-003	5.6213e-003
tblVehicleEF	LDT2	8.5090e-003	0.08
tblVehicleEF	LDT2	0.76	1.12
tblVehicleEF	LDT2	1.74	2.93
tblVehicleEF	LDT2	356.95	357.31
tblVehicleEF	LDT2	83.75	74.02
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.15	0.34
tblVehicleEF	LDT2	0.04	0.04

tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.14	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.08	0.51
tblVehicleEF	LDT2	0.11	0.38
tblVehicleEF	LDT2	3.5750e-003	3.5351e-003
tblVehicleEF	LDT2	8.6700e-004	7.3252e-004
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.14	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.51
tblVehicleEF	LDT2	0.13	0.42
tblVehicleEF	LHD1	5.6490e-003	5.8817e-003
tblVehicleEF	LHD1	0.01	6.7552e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.03	0.81
tblVehicleEF	LHD1	2.54	1.20

tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.90
tblVehicleEF	LHD1	30.90	12.81
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.35	0.99
tblVehicleEF	LHD1	1.02	0.36
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	3.9460e-003	2.8668e-003
tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.9130e-003	1.6620e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.59
tblVehicleEF	LHD1	0.28	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6818e-003
tblVehicleEF	LHD1	3.5800e-004	1.2675e-004
tblVehicleEF	LHD1	3.9460e-003	2.8668e-003

tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.9130e-003	1.6620e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.31	0.59
tblVehicleEF	LHD1	0.30	0.10
tblVehicleEF	LHD1	5.6490e-003	5.8948e-003
tblVehicleEF	LHD1	0.01	6.8828e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.05	0.82
tblVehicleEF	LHD1	2.42	1.14
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.92
tblVehicleEF	LHD1	30.90	12.71
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.21	0.93
tblVehicleEF	LHD1	0.98	0.35
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003

tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	7.3960e-003	4.3926e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.6890e-003	2.4883e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.58
tblVehicleEF	LHD1	0.27	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6820e-003
tblVehicleEF	LHD1	3.5500e-004	1.2579e-004
tblVehicleEF	LHD1	7.3960e-003	4.3926e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.6890e-003	2.4883e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.31	0.58
tblVehicleEF	LHD1	0.29	0.10
tblVehicleEF	LHD1	5.6490e-003	5.8802e-003
tblVehicleEF	LHD1	0.01	6.7279e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.03	0.80
tblVehicleEF	LHD1	2.54	1.20
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.90
tblVehicleEF	LHD1	30.90	12.82

tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.32	0.98
tblVehicleEF	LHD1	1.01	0.37
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	3.5540e-003	3.0437e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7480e-003	1.6710e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.28	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6818e-003
tblVehicleEF	LHD1	3.5800e-004	1.2686e-004
tblVehicleEF	LHD1	3.5540e-003	3.0437e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7480e-003	1.6710e-003

tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.30	0.10
tblVehicleEF	LHD2	3.8330e-003	4.1865e-003
tblVehicleEF	LHD2	5.1000e-003	4.7023e-003
tblVehicleEF	LHD2	9.1950e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.23	0.82
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.41
tblVehicleEF	LHD2	23.90	9.98
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.94	1.23
tblVehicleEF	LHD2	0.56	0.25
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	1.5990e-003	1.7535e-003
tblVehicleEF	LHD2	0.04	0.06

tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.1500e-004	1.0288e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.38
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6672e-003
tblVehicleEF	LHD2	2.6200e-004	9.8743e-005
tblVehicleEF	LHD2	1.5990e-003	1.7535e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	8.1500e-004	1.0288e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.38
tblVehicleEF	LHD2	0.14	0.07
tblVehicleEF	LHD2	3.8330e-003	4.1958e-003
tblVehicleEF	LHD2	5.1600e-003	4.7587e-003
tblVehicleEF	LHD2	8.8690e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.18	0.78
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.42
tblVehicleEF	LHD2	23.90	9.91
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.83	1.16
tblVehicleEF	LHD2	0.54	0.24

tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	3.0260e-003	2.6685e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5540e-003	1.5255e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.37
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6673e-003
tblVehicleEF	LHD2	2.6100e-004	9.8090e-005
tblVehicleEF	LHD2	3.0260e-003	2.6685e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	1.5540e-003	1.5255e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.37
tblVehicleEF	LHD2	0.13	0.07

tblVehicleEF	LHD2	3.8330e-003	4.1853e-003
tblVehicleEF	LHD2	5.0860e-003	4.6903e-003
tblVehicleEF	LHD2	9.2490e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.24	0.82
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.41
tblVehicleEF	LHD2	23.90	9.99
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.92	1.21
tblVehicleEF	LHD2	0.56	0.26
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	1.2860e-003	1.8367e-003
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.9100e-004	1.0189e-003
tblVehicleEF	LHD2	0.06	0.06

tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
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tblVehicleEF	LHD2	1.2860e-003	1.8367e-003
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	6.9100e-004	1.0189e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.14	0.07
tblVehicleEF	MCY	0.41	0.37
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.93	19.66
tblVehicleEF	MCY	9.66	8.48
tblVehicleEF	MCY	164.88	218.98
tblVehicleEF	MCY	46.70	60.53
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003

tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	1.68	1.17
tblVehicleEF	MCY	0.86	0.72
tblVehicleEF	MCY	0.93	0.71
tblVehicleEF	MCY	2.17	2.53
tblVehicleEF	MCY	0.58	2.13
tblVehicleEF	MCY	2.09	1.84
tblVehicleEF	MCY	2.0370e-003	2.1670e-003
tblVehicleEF	MCY	6.8600e-004	5.9901e-004
tblVehicleEF	MCY	1.68	1.17
tblVehicleEF	MCY	0.86	0.72
tblVehicleEF	MCY	0.93	0.71
tblVehicleEF	MCY	2.66	3.12
tblVehicleEF	MCY	0.58	2.13
tblVehicleEF	MCY	2.27	2.00
tblVehicleEF	MCY	0.41	0.36
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.66	19.00
tblVehicleEF	MCY	9.11	7.76
tblVehicleEF	MCY	164.88	217.72
tblVehicleEF	MCY	46.70	58.69
tblVehicleEF	MCY	0.98	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003

tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	3.35	1.93
tblVehicleEF	MCY	1.25	0.82
tblVehicleEF	MCY	2.10	1.23
tblVehicleEF	MCY	2.15	2.46
tblVehicleEF	MCY	0.58	2.01
tblVehicleEF	MCY	1.87	1.63
tblVehicleEF	MCY	2.0470e-003	2.1545e-003
tblVehicleEF	MCY	6.7100e-004	5.8079e-004
tblVehicleEF	MCY	3.35	1.93
tblVehicleEF	MCY	1.25	0.82
tblVehicleEF	MCY	2.10	1.23
tblVehicleEF	MCY	2.63	3.04
tblVehicleEF	MCY	0.58	2.01
tblVehicleEF	MCY	2.03	1.77
tblVehicleEF	MCY	0.41	0.37
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.43	19.68
tblVehicleEF	MCY	9.60	8.55
tblVehicleEF	MCY	164.88	219.04
tblVehicleEF	MCY	46.70	60.74
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01

tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	1.60	1.29
tblVehicleEF	MCY	1.06	0.93
tblVehicleEF	MCY	0.75	0.70
tblVehicleEF	MCY	2.17	2.54
tblVehicleEF	MCY	0.66	2.43
tblVehicleEF	MCY	2.10	1.87
tblVehicleEF	MCY	2.0290e-003	2.1676e-003
tblVehicleEF	MCY	6.8600e-004	6.0106e-004
tblVehicleEF	MCY	1.60	1.29
tblVehicleEF	MCY	1.06	0.93
tblVehicleEF	MCY	0.75	0.70
tblVehicleEF	MCY	2.66	3.13
tblVehicleEF	MCY	0.66	2.43
tblVehicleEF	MCY	2.28	2.03
tblVehicleEF	MDV	0.01	8.1275e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.58	1.49
tblVehicleEF	MDV	3.47	3.45
tblVehicleEF	MDV	501.88	442.94
tblVehicleEF	MDV	112.78	90.12

tblVehicleEF	MDV	0.19	0.15
tblVehicleEF	MDV	0.34	0.42
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.21	0.16
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.27	0.49
tblVehicleEF	MDV	5.0330e-003	4.3797e-003
tblVehicleEF	MDV	1.1890e-003	8.9179e-004
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.21	0.16
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.30	0.53
tblVehicleEF	MDV	0.02	8.6153e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.91	1.63

tblVehicleEF	MDV	3.08	2.93
tblVehicleEF	MDV	544.80	458.44
tblVehicleEF	MDV	112.78	89.12
tblVehicleEF	MDV	0.18	0.13
tblVehicleEF	MDV	0.33	0.39
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.22	0.15
tblVehicleEF	MDV	0.24	0.17
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.24	0.43
tblVehicleEF	MDV	5.4670e-003	4.5332e-003
tblVehicleEF	MDV	1.1820e-003	8.8191e-004
tblVehicleEF	MDV	0.22	0.15
tblVehicleEF	MDV	0.24	0.17
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.26	0.47

tblVehicleEF	MDV	0.01	7.9891e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.48	1.45
tblVehicleEF	MDV	3.54	3.54
tblVehicleEF	MDV	489.12	438.16
tblVehicleEF	MDV	112.78	90.29
tblVehicleEF	MDV	0.18	0.14
tblVehicleEF	MDV	0.34	0.42
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.22	0.17
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.13	0.54
tblVehicleEF	MDV	0.28	0.50
tblVehicleEF	MDV	4.9040e-003	4.3324e-003
tblVehicleEF	MDV	1.1910e-003	8.9352e-004
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.22	0.17
tblVehicleEF	MDV	0.08	0.09

tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.13	0.54
tblVehicleEF	MDV	0.31	0.54
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.14	0.32
tblVehicleEF	MH	6.37	0.00
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tblVehicleEF	MH	1.76	4.09
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	9.9900e-003	9.3020e-003
tblVehicleEF	MH	7.0000e-004	0.00

tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.24	0.32
tblVehicleEF	MH	5.95	0.00
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tblVehicleEF	MH	1.63	3.87
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	3.01	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	1.11	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00

tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	9.9910e-003	9.3020e-003
tblVehicleEF	MH	6.9300e-004	0.00
tblVehicleEF	MH	3.01	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	1.11	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.12	0.32
tblVehicleEF	MH	6.40	0.00
tblVehicleEF	MH	1,005.77	983.97
tblVehicleEF	MH	58.82	0.00
tblVehicleEF	MH	1.74	4.02
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	1.67	0.00
tblVehicleEF	MH	0.11	0.00

tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	9.9890e-003	9.3020e-003
tblVehicleEF	MH	7.0000e-004	0.00
tblVehicleEF	MH	1.67	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MHD	0.02	4.2934e-003
tblVehicleEF	MHD	6.1240e-003	8.3332e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.43	0.38
tblVehicleEF	MHD	0.47	0.75
tblVehicleEF	MHD	6.54	1.42
tblVehicleEF	MHD	156.54	67.47
tblVehicleEF	MHD	1,067.94	1,101.43
tblVehicleEF	MHD	55.18	11.84
tblVehicleEF	MHD	1.06	0.60
tblVehicleEF	MHD	1.70	2.64
tblVehicleEF	MHD	11.65	1.02
tblVehicleEF	MHD	3.7720e-003	2.2012e-003
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01

tblVehicleEF	MHD	0.06	0.08
tblVehicleEF	MHD	8.1800e-004	1.3381e-004
tblVehicleEF	MHD	3.6080e-003	2.1060e-003
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	1.8750e-003	6.7885e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	9.0500e-004	4.1295e-004
tblVehicleEF	MHD	0.07	0.14
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.40	0.07
tblVehicleEF	MHD	1.5050e-003	6.4116e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6700e-004	1.1717e-004
tblVehicleEF	MHD	1.8750e-003	6.7885e-004
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tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	9.0500e-004	4.1295e-004
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tblVehicleEF	MHD	0.02	0.14
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tblVehicleEF	MHD	0.02	4.0641e-003
tblVehicleEF	MHD	6.1890e-003	8.3939e-003
tblVehicleEF	MHD	0.06	0.01

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tblVehicleEF	MHD	1,067.94	1,101.45
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.06	0.08
tblVehicleEF	MHD	8.1800e-004	1.3381e-004
tblVehicleEF	MHD	3.0420e-003	1.7774e-003
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tblVehicleEF	MHD	3.0000e-003	3.0000e-003
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tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	3.6340e-003	1.0371e-003
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.7950e-003	6.1744e-004
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tblVehicleEF	MHD	0.02	0.13
tblVehicleEF	MHD	0.38	0.06
tblVehicleEF	MHD	1.5920e-003	6.5574e-004

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tblVehicleEF	MHD	6.6100e-004	1.1597e-004
tblVehicleEF	MHD	3.6340e-003	1.0371e-003
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tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.7950e-003	6.1744e-004
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tblVehicleEF	MHD	0.02	0.13
tblVehicleEF	MHD	0.42	0.07
tblVehicleEF	MHD	0.02	4.6225e-003
tblVehicleEF	MHD	6.0850e-003	8.3163e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.60	0.49
tblVehicleEF	MHD	0.47	0.75
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tblVehicleEF	MHD	1,067.94	1,101.43
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.06	0.08
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tblVehicleEF	MHD	4.3910e-003	2.5596e-003

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tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	1.4650e-003	7.1674e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	7.2400e-004	4.1297e-004
tblVehicleEF	MHD	0.07	0.14
tblVehicleEF	MHD	0.02	0.15
tblVehicleEF	MHD	0.40	0.07
tblVehicleEF	MHD	1.3840e-003	6.2095e-004
tblVehicleEF	MHD	0.01	0.01
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tblVehicleEF	MHD	1.4650e-003	7.1674e-004
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tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	7.2400e-004	4.1297e-004
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tblVehicleEF	OBUS	9.4560e-003	0.01
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tblVehicleEF	OBUS	0.28	0.58
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.1510e-003	0.05
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tblVehicleEF	OBUS	1.6900e-004	3.0140e-003
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
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tblVehicleEF	OBUS	2.2350e-003	1.9757e-003
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tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	9.4600e-004	9.6790e-004
tblVehicleEF	OBUS	0.04	0.14
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tblVehicleEF	OBUS	7.2400e-004	8.8498e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2300e-004	2.0041e-004
tblVehicleEF	OBUS	2.2350e-003	1.9757e-003

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tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	9.4600e-004	9.6790e-004
tblVehicleEF	OBUS	0.06	0.17
tblVehicleEF	OBUS	0.05	0.26
tblVehicleEF	OBUS	0.45	0.14
tblVehicleEF	OBUS	0.01	9.0761e-003
tblVehicleEF	OBUS	9.6420e-003	0.01
tblVehicleEF	OBUS	0.03	0.02
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.1510e-003	0.05
tblVehicleEF	OBUS	8.2800e-004	2.0334e-004
tblVehicleEF	OBUS	1.4300e-004	2.5450e-003
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.8270e-003	0.05

tblVehicleEF	OBUS	7.6200e-004	1.8723e-004
tblVehicleEF	OBUS	4.1760e-003	2.9545e-003
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tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.8320e-003	1.4406e-003
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tblVehicleEF	OBUS	4.1760e-003	2.9545e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	1.8320e-003	1.4406e-003
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tblVehicleEF	OBUS	7.1510e-003	0.05
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tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.8270e-003	0.05
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tblVehicleEF	OBUS	8.2400e-004	2.0080e-004
tblVehicleEF	OBUS	1.9540e-003	2.0891e-003
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tblVehicleEF	SBUS	0.03	0.04
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tblVehicleEF	SBUS	2.7000e-003	2.6797e-003
tblVehicleEF	SBUS	0.03	0.03
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tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003

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tblVehicleEF	UBUS	5.4970e-003	6.5436e-004
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tblVehicleEF	UBUS	0.01	2.3968e-003
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tblVehicleEF	UBUS	0.01	9.5872e-004
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tblVehicleEF	UBUS	5.4970e-003	6.5436e-004
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tblVehicleEF	UBUS	1.61	6.04
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	10.64	38.44
tblVehicleEF	UBUS	14.18	0.85
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.72
tblVehicleEF	UBUS	5.09	1.54
tblVehicleEF	UBUS	12.44	0.11
tblVehicleEF	UBUS	0.50	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005

tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.02	1.4178e-003
tblVehicleEF	UBUS	0.17	0.01
tblVehicleEF	UBUS	0.01	9.4757e-004
tblVehicleEF	UBUS	0.65	0.14
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.17	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003
tblVehicleEF	UBUS	1.8170e-003	1.1596e-004
tblVehicleEF	UBUS	0.02	1.4178e-003
tblVehicleEF	UBUS	0.17	0.01
tblVehicleEF	UBUS	0.01	9.4757e-004
tblVehicleEF	UBUS	2.31	6.22
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.28	0.06
tblVehicleEF	UBUS	1.60	6.04
tblVehicleEF	UBUS	0.10	0.02
tblVehicleEF	UBUS	10.37	38.44
tblVehicleEF	UBUS	16.61	0.98
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.95
tblVehicleEF	UBUS	5.42	1.54
tblVehicleEF	UBUS	12.54	0.12
tblVehicleEF	UBUS	0.50	0.07

tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.01	9.4530e-004
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.7660e-003	6.2920e-004
tblVehicleEF	UBUS	0.64	0.14
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	1.29	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003
tblVehicleEF	UBUS	1.8600e-003	1.1829e-004
tblVehicleEF	UBUS	0.01	9.4530e-004
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.7660e-003	6.2920e-004
tblVehicleEF	UBUS	2.30	6.22
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	1.42	0.07

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					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
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					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
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**	**N20**	**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	5.5538	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0544	0.0544	1.5000e-004		0.0580
Energy	0.2880	2.6184	2.1995	0.0157		0.1990	0.1990		0.1990	0.1990		3,142.0854	3,142.0854	0.0602	0.0576	3,160.7573
Mobile	22.1741	54.4135	155.6079	0.4107	31.7027	0.7459	32.4486	8.4758	0.7066	9.1824		42,621.8702	42,621.8702	2.9298		42,695.1155
Total	**28.0159**	**57.0322**	**157.8329**	**0.4264**	**31.7027**	**0.9450**	**32.6477**	**8.4758**	**0.9057**	**9.3815**		**45,764.0100**	**45,764.0100**	**2.9902**	**0.0576**	**45,855.9308**

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	5.5538	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0544	0.0544	1.5000e-004		0.0580
Energy	0.2880	2.6184	2.1995	0.0157		0.1990	0.1990		0.1990	0.1990		3,142.0854	3,142.0854	0.0602	0.0576	3,160.7573
Mobile	22.1741	54.4135	155.6079	0.4107	31.7027	0.7459	32.4486	8.4758	0.7066	9.1824		42,621.8702	42,621.8702	2.9298		42,695.1155
Total	**28.0159**	**57.0322**	**157.8329**	**0.4264**	**31.7027**	**0.9450**	**32.6477**	**8.4758**	**0.9057**	**9.3815**		**45,764.0100**	**45,764.0100**	**2.9902**	**0.0576**	**45,855.9308**

	ROG	NOx	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	**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	6/30/2019	7/26/2019	5	20	
2	Site Preparation	Site Preparation	7/27/2019	8/9/2019	5	10	
3	Grading	Grading	8/10/2019	9/6/2019	5	20	
4	Building Construction	Building Construction	9/7/2019	7/24/2020	5	230	
5	Paving	Paving	7/25/2020	8/21/2020	5	20	
6	Architectural Coating	Architectural Coating	8/22/2020	9/18/2020	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

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	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	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2019

Unmitigated Construction On-Site

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

3.2 Demolition - 2019

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.2 Demolition - 2019

Mitigated Construction Off-Site

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

3.3 Site Preparation - 2019

Unmitigated Construction On-Site

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

3.3 Site Preparation - 2019

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.3 Site Preparation - 2019

Mitigated Construction Off-Site

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

3.4 Grading - 2019

Unmitigated Construction On-Site

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

3.4 Grading - 2019

Unmitigated Construction Off-Site

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

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

3.4 Grading - 2019

Mitigated Construction Off-Site

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

3.5 Building Construction - 2019

Unmitigated Construction On-Site

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

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.5 Building Construction - 2019

Mitigated Construction Off-Site

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

3.5 Building Construction - 2020

Unmitigated Construction On-Site

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

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

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

3.6 Paving - 2020

Unmitigated Construction On-Site

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

3.6 Paving - 2020

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
Paving	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**

3.6 Paving - 2020

Mitigated Construction Off-Site

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

3.7 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2020

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2020

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	22.1741	54.4135	155.6079	0.4107	31.7027	0.7459	32.4486	8.4758	0.7066	9.1824		42,621.8702	42,621.8702	2.9298		42,695.1155
Unmitigated	22.1741	54.4135	155.6079	0.4107	31.7027	0.7459	32.4486	8.4758	0.7066	9.1824		42,621.8702	42,621.8702	2.9298		42,695.1155

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	2,965.00	2,965.00	1485.00	3,688,552	3,688,552
Automobile Care Center	593.00	593.00	297.00	737,710	737,710
Bank (with Drive-Through)	740.75	431.60	159.50	658,121	658,121
General Office Building	55.15	12.30	5.25	134,979	134,979
Medical Office Building	2,438.78	604.80	104.63	4,781,334	4,781,334
Quality Restaurant	1,888.95	1,981.56	1515.36	2,632,024	2,632,024
Total	8,681.63	6,588.26	3,566.74	12,632,720	12,632,720

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Automobile Care Center	16.60	8.40	6.90	33.00	48.00	19.00	21	51	28
Automobile Care Center	16.60	8.40	6.90	33.00	48.00	19.00	21	51	28
Bank (with Drive-Through)	16.60	8.40	6.90	6.60	74.40	19.00	27	26	47
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
Bank (with Drive-Through)	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
General Office Building	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
Medical Office Building	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
Quality Restaurant	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

12928 Sun Lakes Village North Specific Plan Amendment No. 6 Existing 2020 Operational Run - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2880	2.6184	2.1995	0.0157		0.1990	0.1990		0.1990	0.1990		3,142.0854	3,142.0854	0.0602	0.0576	3,160.7573
NaturalGas Unmitigated	0.2880	2.6184	2.1995	0.0157		0.1990	0.1990		0.1990	0.1990		3,142.0854	3,142.0854	0.0602	0.0576	3,160.7573

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					
Automobile Care Center	1909.59	0.0206	0.1872	0.1573	1.1200e-003		0.0142	0.0142		0.0142	0.0142		224.6575	224.6575	4.3100e-003	4.1200e-003	225.9926
Automobile Care Center	9547.95	0.1030	0.9361	0.7863	5.6200e-003		0.0711	0.0711		0.0711	0.0711		1,123.2877	1,123.2877	0.0215	0.0206	1,129.9628
Bank (with Drive-Through)	381.918	4.1200e-003	0.0374	0.0315	2.2000e-004		2.8500e-003	2.8500e-003		2.8500e-003	2.8500e-003		44.9315	44.9315	8.6000e-004	8.2000e-004	45.1985
General Office Building	33.1507	3.6000e-004	3.2500e-003	2.7300e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		3.9001	3.9001	7.0000e-005	7.0000e-005	3.9233
Medical Office Building	447.534	4.8300e-003	0.0439	0.0369	2.6000e-004		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003		52.6511	52.6511	1.0100e-003	9.7000e-004	52.9640
Quality Restaurant	14387.6	0.1552	1.4106	1.1849	8.4600e-003		0.1072	0.1072		0.1072	0.1072		1,692.6575	1,692.6575	0.0324	0.0310	1,702.7162
Total		**0.2880**	**2.6184**	**2.1995**	**0.0157**		**0.1990**	**0.1990**		**0.1990**	**0.1990**		**3,142.0854**	**3,142.0854**	**0.0602**	**0.0576**	**3,160.7573**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Automobile Care Center	1.90959	0.0206	0.1872	0.1573	1.1200e-003		0.0142	0.0142		0.0142	0.0142		224.6575	224.6575	4.3100e-003	4.1200e-003	225.9926
Automobile Care Center	9.54795	0.1030	0.9361	0.7863	5.6200e-003		0.0711	0.0711		0.0711	0.0711		1,123.2877	1,123.2877	0.0215	0.0206	1,129.9628
Bank (with Drive-Through)	0.381918	4.1200e-003	0.0374	0.0315	2.2000e-004		2.8500e-003	2.8500e-003		2.8500e-003	2.8500e-003		44.9315	44.9315	8.6000e-004	8.2000e-004	45.1985
General Office Building	0.0331507	3.6000e-004	3.2500e-003	2.7300e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		3.9001	3.9001	7.0000e-005	7.0000e-005	3.9233
Medical Office Building	0.447534	4.8300e-003	0.0439	0.0369	2.6000e-004		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003		52.6511	52.6511	1.0100e-003	9.7000e-004	52.9640
Quality Restaurant	14.3876	0.1552	1.4106	1.1849	8.4600e-003		0.1072	0.1072		0.1072	0.1072		1,692.6575	1,692.6575	0.0324	0.0310	1,702.7162
Total		**0.2880**	**2.6184**	**2.1995**	**0.0157**		**0.1990**	**0.1990**		**0.1990**	**0.1990**		**3,142.0854**	**3,142.0854**	**0.0602**	**0.0576**	**3,160.7573**

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	5.5538	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0544	0.0544	1.5000e-004		0.0580
Unmitigated	5.5538	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0544	0.0544	1.5000e-004		0.0580

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	0.6311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.9203					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4000e-003	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0544	0.0544	1.5000e-004		0.0580
Total	**5.5538**	**2.4000e-004**	**0.0255**	**0.0000**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**		**0.0544**	**0.0544**	**1.5000e-004**		**0.0580**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.6311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.9203					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4000e-003	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0544	0.0544	1.5000e-004		0.0580
Total	**5.5538**	**2.4000e-004**	**0.0255**	**0.0000**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**		**0.0544**	**0.0544**	**1.5000e-004**		**0.0580**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

12928 Sun Lakes Village North Specific Plan Amendment No. 6 Existing 2020 Operational Run

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Bank (with Drive-Through)	5.00	1000sqft	0.11	5,000.00	0
General Office Building	5.00	1000sqft	0.11	5,000.00	0
Medical Office Building	67.50	1000sqft	1.55	67,500.00	0
Quality Restaurant	21.00	1000sqft	0.48	21,000.00	0
Automobile Care Center	125.00	1000sqft	2.87	125,000.00	0
Automobile Care Center	25.00	1000sqft	0.57	25,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Trips and VMT - Operations only

On-road Fugitive Dust - Operations only

Grading - Operations only

Architectural Coating - Operations

Energy Use - 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
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tblArchitecturalCoating	ConstArea_Nonresidential_Interior	372,750.00	0.00
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tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	0.00
tblArchitecturalCoating	EF_Parking	100.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	50.00	0.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	0.00
tblEnergyUse	LightingElect	2.93	2.05
tblEnergyUse	LightingElect	2.93	2.05
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	6.62	4.63

tblEnergyUse	T24E	2.20	1.54
tblEnergyUse	T24E	2.20	1.54
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	12.38	8.66
tblEnergyUse	T24NG	15.36	10.75
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tblEnergyUse	T24NG	3.47	2.42
tblEnergyUse	T24NG	3.47	2.42
tblEnergyUse	T24NG	77.67	54.30
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tblGrading	MeanVehicleSpeed	7.10	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	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	3.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
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tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
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tblVehicleEF	LDA	0.04	0.05

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tblVehicleEF	LDT1	0.23	0.31
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tblVehicleEF	LDT1	0.37	0.24
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	0.22	0.83
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tblVehicleEF	LDT1	0.22	0.29
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tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.44	0.26
tblVehicleEF	LDT1	0.46	0.26
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.22	0.77

tblVehicleEF	LDT1	0.23	0.39
tblVehicleEF	LDT1	3.5570e-003	3.4225e-003
tblVehicleEF	LDT1	7.9900e-004	6.5837e-004
tblVehicleEF	LDT1	0.44	0.26
tblVehicleEF	LDT1	0.46	0.26
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.22	0.77
tblVehicleEF	LDT1	0.26	0.43
tblVehicleEF	LDT1	0.01	9.3109e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.52	1.70
tblVehicleEF	LDT1	3.84	2.53
tblVehicleEF	LDT1	316.88	326.99
tblVehicleEF	LDT1	74.01	67.43
tblVehicleEF	LDT1	0.16	0.15
tblVehicleEF	LDT1	0.23	0.31
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.41	0.28

tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.28	0.46
tblVehicleEF	LDT1	3.1880e-003	3.2357e-003
tblVehicleEF	LDT1	8.0800e-004	6.6731e-004
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.41	0.28
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.30	0.50
tblVehicleEF	LDT2	6.1110e-003	5.7338e-003
tblVehicleEF	LDT2	8.2750e-003	0.08
tblVehicleEF	LDT2	0.82	1.16
tblVehicleEF	LDT2	1.71	2.85
tblVehicleEF	LDT2	366.61	361.86
tblVehicleEF	LDT2	83.75	73.87
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.15	0.34
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003

tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.37
tblVehicleEF	LDT2	3.6730e-003	3.5801e-003
tblVehicleEF	LDT2	8.6600e-004	7.3103e-004
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.41
tblVehicleEF	LDT2	6.9350e-003	6.1404e-003
tblVehicleEF	LDT2	7.1890e-003	0.07
tblVehicleEF	LDT2	1.00	1.29
tblVehicleEF	LDT2	1.51	2.43
tblVehicleEF	LDT2	398.95	376.16
tblVehicleEF	LDT2	83.75	73.06
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.15	0.32
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003

tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	3.9980e-003	3.7215e-003
tblVehicleEF	LDT2	8.6300e-004	7.2299e-004
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.11	0.36
tblVehicleEF	LDT2	5.8750e-003	5.6213e-003
tblVehicleEF	LDT2	8.5090e-003	0.08
tblVehicleEF	LDT2	0.76	1.12
tblVehicleEF	LDT2	1.74	2.93
tblVehicleEF	LDT2	356.95	357.31
tblVehicleEF	LDT2	83.75	74.02
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.15	0.34
tblVehicleEF	LDT2	0.04	0.04

tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.14	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.08	0.51
tblVehicleEF	LDT2	0.11	0.38
tblVehicleEF	LDT2	3.5750e-003	3.5351e-003
tblVehicleEF	LDT2	8.6700e-004	7.3252e-004
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.14	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.51
tblVehicleEF	LDT2	0.13	0.42
tblVehicleEF	LHD1	5.6490e-003	5.8817e-003
tblVehicleEF	LHD1	0.01	6.7552e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.03	0.81
tblVehicleEF	LHD1	2.54	1.20

tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.90
tblVehicleEF	LHD1	30.90	12.81
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.35	0.99
tblVehicleEF	LHD1	1.02	0.36
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	3.9460e-003	2.8668e-003
tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.9130e-003	1.6620e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.59
tblVehicleEF	LHD1	0.28	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6818e-003
tblVehicleEF	LHD1	3.5800e-004	1.2675e-004
tblVehicleEF	LHD1	3.9460e-003	2.8668e-003

tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.9130e-003	1.6620e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.31	0.59
tblVehicleEF	LHD1	0.30	0.10
tblVehicleEF	LHD1	5.6490e-003	5.8948e-003
tblVehicleEF	LHD1	0.01	6.8828e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.05	0.82
tblVehicleEF	LHD1	2.42	1.14
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.92
tblVehicleEF	LHD1	30.90	12.71
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.21	0.93
tblVehicleEF	LHD1	0.98	0.35
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003

tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	7.3960e-003	4.3926e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.6890e-003	2.4883e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.58
tblVehicleEF	LHD1	0.27	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6820e-003
tblVehicleEF	LHD1	3.5500e-004	1.2579e-004
tblVehicleEF	LHD1	7.3960e-003	4.3926e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.6890e-003	2.4883e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.31	0.58
tblVehicleEF	LHD1	0.29	0.10
tblVehicleEF	LHD1	5.6490e-003	5.8802e-003
tblVehicleEF	LHD1	0.01	6.7279e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.03	0.80
tblVehicleEF	LHD1	2.54	1.20
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.90
tblVehicleEF	LHD1	30.90	12.82

tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.32	0.98
tblVehicleEF	LHD1	1.01	0.37
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	3.5540e-003	3.0437e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7480e-003	1.6710e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.28	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6818e-003
tblVehicleEF	LHD1	3.5800e-004	1.2686e-004
tblVehicleEF	LHD1	3.5540e-003	3.0437e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7480e-003	1.6710e-003

tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.30	0.10
tblVehicleEF	LHD2	3.8330e-003	4.1865e-003
tblVehicleEF	LHD2	5.1000e-003	4.7023e-003
tblVehicleEF	LHD2	9.1950e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.23	0.82
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.41
tblVehicleEF	LHD2	23.90	9.98
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.94	1.23
tblVehicleEF	LHD2	0.56	0.25
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	1.5990e-003	1.7535e-003
tblVehicleEF	LHD2	0.04	0.06

tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.1500e-004	1.0288e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.38
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6672e-003
tblVehicleEF	LHD2	2.6200e-004	9.8743e-005
tblVehicleEF	LHD2	1.5990e-003	1.7535e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	8.1500e-004	1.0288e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.38
tblVehicleEF	LHD2	0.14	0.07
tblVehicleEF	LHD2	3.8330e-003	4.1958e-003
tblVehicleEF	LHD2	5.1600e-003	4.7587e-003
tblVehicleEF	LHD2	8.8690e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.18	0.78
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.42
tblVehicleEF	LHD2	23.90	9.91
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.83	1.16
tblVehicleEF	LHD2	0.54	0.24

tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	3.0260e-003	2.6685e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5540e-003	1.5255e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.37
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6673e-003
tblVehicleEF	LHD2	2.6100e-004	9.8090e-005
tblVehicleEF	LHD2	3.0260e-003	2.6685e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	1.5540e-003	1.5255e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.37
tblVehicleEF	LHD2	0.13	0.07

tblVehicleEF	LHD2	3.8330e-003	4.1853e-003
tblVehicleEF	LHD2	5.0860e-003	4.6903e-003
tblVehicleEF	LHD2	9.2490e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.24	0.82
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.41
tblVehicleEF	LHD2	23.90	9.99
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.92	1.21
tblVehicleEF	LHD2	0.56	0.26
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	1.2860e-003	1.8367e-003
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.9100e-004	1.0189e-003
tblVehicleEF	LHD2	0.06	0.06

tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6671e-003
tblVehicleEF	LHD2	2.6200e-004	9.8819e-005
tblVehicleEF	LHD2	1.2860e-003	1.8367e-003
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	6.9100e-004	1.0189e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.14	0.07
tblVehicleEF	MCY	0.41	0.37
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.93	19.66
tblVehicleEF	MCY	9.66	8.48
tblVehicleEF	MCY	164.88	218.98
tblVehicleEF	MCY	46.70	60.53
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003

tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	1.68	1.17
tblVehicleEF	MCY	0.86	0.72
tblVehicleEF	MCY	0.93	0.71
tblVehicleEF	MCY	2.17	2.53
tblVehicleEF	MCY	0.58	2.13
tblVehicleEF	MCY	2.09	1.84
tblVehicleEF	MCY	2.0370e-003	2.1670e-003
tblVehicleEF	MCY	6.8600e-004	5.9901e-004
tblVehicleEF	MCY	1.68	1.17
tblVehicleEF	MCY	0.86	0.72
tblVehicleEF	MCY	0.93	0.71
tblVehicleEF	MCY	2.66	3.12
tblVehicleEF	MCY	0.58	2.13
tblVehicleEF	MCY	2.27	2.00
tblVehicleEF	MCY	0.41	0.36
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.66	19.00
tblVehicleEF	MCY	9.11	7.76
tblVehicleEF	MCY	164.88	217.72
tblVehicleEF	MCY	46.70	58.69
tblVehicleEF	MCY	0.98	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003

tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	3.35	1.93
tblVehicleEF	MCY	1.25	0.82
tblVehicleEF	MCY	2.10	1.23
tblVehicleEF	MCY	2.15	2.46
tblVehicleEF	MCY	0.58	2.01
tblVehicleEF	MCY	1.87	1.63
tblVehicleEF	MCY	2.0470e-003	2.1545e-003
tblVehicleEF	MCY	6.7100e-004	5.8079e-004
tblVehicleEF	MCY	3.35	1.93
tblVehicleEF	MCY	1.25	0.82
tblVehicleEF	MCY	2.10	1.23
tblVehicleEF	MCY	2.63	3.04
tblVehicleEF	MCY	0.58	2.01
tblVehicleEF	MCY	2.03	1.77
tblVehicleEF	MCY	0.41	0.37
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.43	19.68
tblVehicleEF	MCY	9.60	8.55
tblVehicleEF	MCY	164.88	219.04
tblVehicleEF	MCY	46.70	60.74
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01

tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	1.60	1.29
tblVehicleEF	MCY	1.06	0.93
tblVehicleEF	MCY	0.75	0.70
tblVehicleEF	MCY	2.17	2.54
tblVehicleEF	MCY	0.66	2.43
tblVehicleEF	MCY	2.10	1.87
tblVehicleEF	MCY	2.0290e-003	2.1676e-003
tblVehicleEF	MCY	6.8600e-004	6.0106e-004
tblVehicleEF	MCY	1.60	1.29
tblVehicleEF	MCY	1.06	0.93
tblVehicleEF	MCY	0.75	0.70
tblVehicleEF	MCY	2.66	3.13
tblVehicleEF	MCY	0.66	2.43
tblVehicleEF	MCY	2.28	2.03
tblVehicleEF	MDV	0.01	8.1275e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.58	1.49
tblVehicleEF	MDV	3.47	3.45
tblVehicleEF	MDV	501.88	442.94
tblVehicleEF	MDV	112.78	90.12

tblVehicleEF	MDV	0.19	0.15
tblVehicleEF	MDV	0.34	0.42
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.21	0.16
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.27	0.49
tblVehicleEF	MDV	5.0330e-003	4.3797e-003
tblVehicleEF	MDV	1.1890e-003	8.9179e-004
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.21	0.16
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.30	0.53
tblVehicleEF	MDV	0.02	8.6153e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.91	1.63

tblVehicleEF	MDV	3.08	2.93
tblVehicleEF	MDV	544.80	458.44
tblVehicleEF	MDV	112.78	89.12
tblVehicleEF	MDV	0.18	0.13
tblVehicleEF	MDV	0.33	0.39
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.22	0.15
tblVehicleEF	MDV	0.24	0.17
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.24	0.43
tblVehicleEF	MDV	5.4670e-003	4.5332e-003
tblVehicleEF	MDV	1.1820e-003	8.8191e-004
tblVehicleEF	MDV	0.22	0.15
tblVehicleEF	MDV	0.24	0.17
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.26	0.47

tblVehicleEF	MDV	0.01	7.9891e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.48	1.45
tblVehicleEF	MDV	3.54	3.54
tblVehicleEF	MDV	489.12	438.16
tblVehicleEF	MDV	112.78	90.29
tblVehicleEF	MDV	0.18	0.14
tblVehicleEF	MDV	0.34	0.42
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.22	0.17
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.13	0.54
tblVehicleEF	MDV	0.28	0.50
tblVehicleEF	MDV	4.9040e-003	4.3324e-003
tblVehicleEF	MDV	1.1910e-003	8.9352e-004
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.22	0.17
tblVehicleEF	MDV	0.08	0.09

tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.13	0.54
tblVehicleEF	MDV	0.31	0.54
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.14	0.32
tblVehicleEF	MH	6.37	0.00
tblVehicleEF	MH	1,005.77	983.97
tblVehicleEF	MH	58.82	0.00
tblVehicleEF	MH	1.76	4.09
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	9.9900e-003	9.3020e-003
tblVehicleEF	MH	7.0000e-004	0.00

tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.24	0.32
tblVehicleEF	MH	5.95	0.00
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tblVehicleEF	MH	58.82	0.00
tblVehicleEF	MH	1.63	3.87
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	3.01	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	1.11	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00

tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	9.9910e-003	9.3020e-003
tblVehicleEF	MH	6.9300e-004	0.00
tblVehicleEF	MH	3.01	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	1.11	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.12	0.32
tblVehicleEF	MH	6.40	0.00
tblVehicleEF	MH	1,005.77	983.97
tblVehicleEF	MH	58.82	0.00
tblVehicleEF	MH	1.74	4.02
tblVehicleEF	MH	0.89	0.00
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tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
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tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	1.67	0.00
tblVehicleEF	MH	0.11	0.00

tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	9.9890e-003	9.3020e-003
tblVehicleEF	MH	7.0000e-004	0.00
tblVehicleEF	MH	1.67	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MHD	0.02	4.2934e-003
tblVehicleEF	MHD	6.1240e-003	8.3332e-003
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tblVehicleEF	MHD	0.43	0.38
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tblVehicleEF	MHD	1,067.94	1,101.43
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tblVehicleEF	MHD	11.65	1.02
tblVehicleEF	MHD	3.7720e-003	2.2012e-003
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tblVehicleEF	MHD	0.01	0.01

tblVehicleEF	MHD	0.06	0.08
tblVehicleEF	MHD	8.1800e-004	1.3381e-004
tblVehicleEF	MHD	3.6080e-003	2.1060e-003
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tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	1.8750e-003	6.7885e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	9.0500e-004	4.1295e-004
tblVehicleEF	MHD	0.07	0.14
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.40	0.07
tblVehicleEF	MHD	1.5050e-003	6.4116e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6700e-004	1.1717e-004
tblVehicleEF	MHD	1.8750e-003	6.7885e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	9.0500e-004	4.1295e-004
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tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.44	0.07
tblVehicleEF	MHD	0.02	4.0641e-003
tblVehicleEF	MHD	6.1890e-003	8.3939e-003
tblVehicleEF	MHD	0.06	0.01

tblVehicleEF	MHD	0.31	0.30
tblVehicleEF	MHD	0.47	0.76
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tblVehicleEF	MHD	1,067.94	1,101.45
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tblVehicleEF	MHD	11.62	1.02
tblVehicleEF	MHD	3.1790e-003	1.8578e-003
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.06	0.08
tblVehicleEF	MHD	8.1800e-004	1.3381e-004
tblVehicleEF	MHD	3.0420e-003	1.7774e-003
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
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tblVehicleEF	MHD	3.6340e-003	1.0371e-003
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tblVehicleEF	MHD	3.6340e-003	1.0371e-003
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tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.7950e-003	6.1744e-004
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tblVehicleEF	MHD	0.02	0.13
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tblVehicleEF	MHD	0.60	0.49
tblVehicleEF	MHD	0.47	0.75
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tblVehicleEF	MHD	1,067.94	1,101.43
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tblVehicleEF	MHD	11.66	1.02
tblVehicleEF	MHD	4.5890e-003	2.6754e-003
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.06	0.08
tblVehicleEF	MHD	8.1800e-004	1.3381e-004
tblVehicleEF	MHD	4.3910e-003	2.5596e-003

tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	1.4650e-003	7.1674e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	7.2400e-004	4.1297e-004
tblVehicleEF	MHD	0.07	0.14
tblVehicleEF	MHD	0.02	0.15
tblVehicleEF	MHD	0.40	0.07
tblVehicleEF	MHD	1.3840e-003	6.2095e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6800e-004	1.1736e-004
tblVehicleEF	MHD	1.4650e-003	7.1674e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	7.2400e-004	4.1297e-004
tblVehicleEF	MHD	0.08	0.16
tblVehicleEF	MHD	0.02	0.15
tblVehicleEF	MHD	0.44	0.07
tblVehicleEF	OBUS	0.01	9.0789e-003
tblVehicleEF	OBUS	9.4560e-003	0.01
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.58
tblVehicleEF	OBUS	0.63	1.23
tblVehicleEF	OBUS	6.57	2.56

tblVehicleEF	OBUS	74.57	92.99
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tblVehicleEF	OBUS	0.39	0.66
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tblVehicleEF	OBUS	2.21	0.60
tblVehicleEF	OBUS	1.7700e-004	3.1503e-003
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.1510e-003	0.05
tblVehicleEF	OBUS	8.2800e-004	2.0334e-004
tblVehicleEF	OBUS	1.6900e-004	3.0140e-003
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.8270e-003	0.05
tblVehicleEF	OBUS	7.6200e-004	1.8723e-004
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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	9.4600e-004	9.6790e-004
tblVehicleEF	OBUS	0.04	0.14
tblVehicleEF	OBUS	0.05	0.26
tblVehicleEF	OBUS	0.41	0.12
tblVehicleEF	OBUS	7.2400e-004	8.8498e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2300e-004	2.0041e-004
tblVehicleEF	OBUS	2.2350e-003	1.9757e-003

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	9.4600e-004	9.6790e-004
tblVehicleEF	OBUS	0.06	0.17
tblVehicleEF	OBUS	0.05	0.26
tblVehicleEF	OBUS	0.45	0.14
tblVehicleEF	OBUS	0.01	9.0761e-003
tblVehicleEF	OBUS	9.6420e-003	0.01
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.55
tblVehicleEF	OBUS	0.65	1.25
tblVehicleEF	OBUS	6.15	2.42
tblVehicleEF	OBUS	77.97	94.12
tblVehicleEF	OBUS	1,103.17	1,454.86
tblVehicleEF	OBUS	70.73	20.01
tblVehicleEF	OBUS	0.40	0.67
tblVehicleEF	OBUS	1.26	2.28
tblVehicleEF	OBUS	2.17	0.59
tblVehicleEF	OBUS	1.4900e-004	2.6601e-003
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.1510e-003	0.05
tblVehicleEF	OBUS	8.2800e-004	2.0334e-004
tblVehicleEF	OBUS	1.4300e-004	2.5450e-003
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.8270e-003	0.05

tblVehicleEF	OBUS	7.6200e-004	1.8723e-004
tblVehicleEF	OBUS	4.1760e-003	2.9545e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.8320e-003	1.4406e-003
tblVehicleEF	OBUS	0.04	0.14
tblVehicleEF	OBUS	0.05	0.25
tblVehicleEF	OBUS	0.39	0.12
tblVehicleEF	OBUS	7.5600e-004	8.9558e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	1.9799e-004
tblVehicleEF	OBUS	4.1760e-003	2.9545e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	1.8320e-003	1.4406e-003
tblVehicleEF	OBUS	0.06	0.17
tblVehicleEF	OBUS	0.05	0.25
tblVehicleEF	OBUS	0.43	0.13
tblVehicleEF	OBUS	0.01	9.1031e-003
tblVehicleEF	OBUS	9.4220e-003	0.01
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.29	0.63
tblVehicleEF	OBUS	0.63	1.23
tblVehicleEF	OBUS	6.63	2.58
tblVehicleEF	OBUS	69.87	91.44
tblVehicleEF	OBUS	1,103.17	1,454.82
tblVehicleEF	OBUS	70.73	20.29

tblVehicleEF	OBUS	0.37	0.66
tblVehicleEF	OBUS	1.34	2.38
tblVehicleEF	OBUS	2.21	0.60
tblVehicleEF	OBUS	2.1500e-004	3.8273e-003
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.1510e-003	0.05
tblVehicleEF	OBUS	8.2800e-004	2.0334e-004
tblVehicleEF	OBUS	2.0600e-004	3.6617e-003
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.8270e-003	0.05
tblVehicleEF	OBUS	7.6200e-004	1.8723e-004
tblVehicleEF	OBUS	1.9540e-003	2.0891e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	8.7300e-004	9.7037e-004
tblVehicleEF	OBUS	0.04	0.14
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	6.7900e-004	8.7034e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2400e-004	2.0080e-004
tblVehicleEF	OBUS	1.9540e-003	2.0891e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	8.7300e-004	9.7037e-004

tblVehicleEF	OBUS	0.06	0.17
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.45	0.14
tblVehicleEF	SBUS	0.85	0.07
tblVehicleEF	SBUS	0.01	9.0558e-003
tblVehicleEF	SBUS	0.06	6.4940e-003
tblVehicleEF	SBUS	7.81	2.72
tblVehicleEF	SBUS	0.66	0.79
tblVehicleEF	SBUS	6.73	0.92
tblVehicleEF	SBUS	1,154.91	356.52
tblVehicleEF	SBUS	1,108.94	1,135.70
tblVehicleEF	SBUS	53.24	5.46
tblVehicleEF	SBUS	10.58	3.53
tblVehicleEF	SBUS	4.99	5.58
tblVehicleEF	SBUS	12.59	0.70
tblVehicleEF	SBUS	0.01	5.3126e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.4200e-004	4.8524e-005
tblVehicleEF	SBUS	0.01	5.0828e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7000e-003	2.6797e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.0600e-004	4.4616e-005
tblVehicleEF	SBUS	4.5410e-003	1.0878e-003
tblVehicleEF	SBUS	0.03	8.9941e-003

tblVehicleEF	SBUS	0.94	0.32
tblVehicleEF	SBUS	2.0600e-003	5.3214e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.4013e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.4900e-004	5.4047e-005
tblVehicleEF	SBUS	4.5410e-003	1.0878e-003
tblVehicleEF	SBUS	0.03	8.9941e-003
tblVehicleEF	SBUS	1.35	0.46
tblVehicleEF	SBUS	2.0600e-003	5.3214e-004
tblVehicleEF	SBUS	0.13	0.14
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.40	0.04
tblVehicleEF	SBUS	0.85	0.07
tblVehicleEF	SBUS	0.01	9.1649e-003
tblVehicleEF	SBUS	0.05	5.7028e-003
tblVehicleEF	SBUS	7.67	2.68
tblVehicleEF	SBUS	0.67	0.80
tblVehicleEF	SBUS	4.88	0.73
tblVehicleEF	SBUS	1,207.92	366.39
tblVehicleEF	SBUS	1,108.94	1,135.72
tblVehicleEF	SBUS	53.24	5.15
tblVehicleEF	SBUS	10.92	3.62
tblVehicleEF	SBUS	4.69	5.26
tblVehicleEF	SBUS	12.56	0.70

tblVehicleEF	SBUS	0.01	4.4850e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.4200e-004	4.8524e-005
tblVehicleEF	SBUS	9.8070e-003	4.2910e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7000e-003	2.6797e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.0600e-004	4.4616e-005
tblVehicleEF	SBUS	8.2250e-003	1.6536e-003
tblVehicleEF	SBUS	0.03	9.1914e-003
tblVehicleEF	SBUS	0.93	0.32
tblVehicleEF	SBUS	3.8990e-003	8.1500e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.31	0.03
tblVehicleEF	SBUS	0.01	3.4945e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.1800e-004	5.0916e-005
tblVehicleEF	SBUS	8.2250e-003	1.6536e-003
tblVehicleEF	SBUS	0.03	9.1914e-003
tblVehicleEF	SBUS	1.35	0.46
tblVehicleEF	SBUS	3.8990e-003	8.1500e-004
tblVehicleEF	SBUS	0.13	0.14
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.34	0.04

tblVehicleEF	SBUS	0.85	0.07
tblVehicleEF	SBUS	0.01	9.0312e-003
tblVehicleEF	SBUS	0.07	6.6366e-003
tblVehicleEF	SBUS	7.99	2.78
tblVehicleEF	SBUS	0.66	0.78
tblVehicleEF	SBUS	7.09	0.94
tblVehicleEF	SBUS	1,081.70	342.89
tblVehicleEF	SBUS	1,108.94	1,135.69
tblVehicleEF	SBUS	53.24	5.51
tblVehicleEF	SBUS	10.11	3.41
tblVehicleEF	SBUS	4.94	5.49
tblVehicleEF	SBUS	12.59	0.70
tblVehicleEF	SBUS	0.01	6.4556e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.4200e-004	4.8524e-005
tblVehicleEF	SBUS	0.01	6.1763e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7000e-003	2.6797e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.0600e-004	4.4616e-005
tblVehicleEF	SBUS	4.1410e-003	1.1224e-003
tblVehicleEF	SBUS	0.03	9.8000e-003
tblVehicleEF	SBUS	0.94	0.32
tblVehicleEF	SBUS	1.9980e-003	5.3138e-004
tblVehicleEF	SBUS	0.11	0.11

tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.38	0.04
tblVehicleEF	SBUS	0.01	3.2726e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.5500e-004	5.4498e-005
tblVehicleEF	SBUS	4.1410e-003	1.1224e-003
tblVehicleEF	SBUS	0.03	9.8000e-003
tblVehicleEF	SBUS	1.35	0.46
tblVehicleEF	SBUS	1.9980e-003	5.3138e-004
tblVehicleEF	SBUS	0.13	0.14
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.42	0.04
tblVehicleEF	UBUS	1.60	6.04
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	10.35	38.44
tblVehicleEF	UBUS	16.43	0.97
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.92
tblVehicleEF	UBUS	5.46	1.54
tblVehicleEF	UBUS	12.53	0.12
tblVehicleEF	UBUS	0.50	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003

tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.01	9.5872e-004
tblVehicleEF	UBUS	0.13	0.01
tblVehicleEF	UBUS	5.4970e-003	6.5436e-004
tblVehicleEF	UBUS	0.64	0.14
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	1.28	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003
tblVehicleEF	UBUS	1.8570e-003	1.1798e-004
tblVehicleEF	UBUS	0.01	9.5872e-004
tblVehicleEF	UBUS	0.13	0.01
tblVehicleEF	UBUS	5.4970e-003	6.5436e-004
tblVehicleEF	UBUS	2.30	6.22
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	1.40	0.07
tblVehicleEF	UBUS	1.61	6.04
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	10.64	38.44
tblVehicleEF	UBUS	14.18	0.85
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.72
tblVehicleEF	UBUS	5.09	1.54
tblVehicleEF	UBUS	12.44	0.11
tblVehicleEF	UBUS	0.50	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005

tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.02	1.4178e-003
tblVehicleEF	UBUS	0.17	0.01
tblVehicleEF	UBUS	0.01	9.4757e-004
tblVehicleEF	UBUS	0.65	0.14
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.17	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003
tblVehicleEF	UBUS	1.8170e-003	1.1596e-004
tblVehicleEF	UBUS	0.02	1.4178e-003
tblVehicleEF	UBUS	0.17	0.01
tblVehicleEF	UBUS	0.01	9.4757e-004
tblVehicleEF	UBUS	2.31	6.22
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.28	0.06
tblVehicleEF	UBUS	1.60	6.04
tblVehicleEF	UBUS	0.10	0.02
tblVehicleEF	UBUS	10.37	38.44
tblVehicleEF	UBUS	16.61	0.98
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.95
tblVehicleEF	UBUS	5.42	1.54
tblVehicleEF	UBUS	12.54	0.12
tblVehicleEF	UBUS	0.50	0.07

tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.01	9.4530e-004
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.7660e-003	6.2920e-004
tblVehicleEF	UBUS	0.64	0.14
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	1.29	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003
tblVehicleEF	UBUS	1.8600e-003	1.1829e-004
tblVehicleEF	UBUS	0.01	9.4530e-004
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.7660e-003	6.2920e-004
tblVehicleEF	UBUS	2.30	6.22
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	1.42	0.07

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					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
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					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
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**	**N20**	**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	5.5538	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0544	0.0544	1.5000e-004		0.0580
Energy	0.2880	2.6184	2.1995	0.0157		0.1990	0.1990		0.1990	0.1990		3,142.0854	3,142.0854	0.0602	0.0576	3,160.7573
Mobile	22.6147	56.6111	151.4639	0.3959	31.6935	0.7476	32.4410	8.4725	0.7081	9.1806		40,771.7134	40,771.7134	2.5288		40,834.9332
Total	**28.4565**	**59.2298**	**153.6889**	**0.4116**	**31.6935**	**0.9467**	**32.6401**	**8.4725**	**0.9072**	**9.3797**		**43,913.8532**	**43,913.8532**	**2.5892**	**0.0576**	**43,995.7485**

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	5.5538	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0544	0.0544	1.5000e-004		0.0580
Energy	0.2880	2.6184	2.1995	0.0157		0.1990	0.1990		0.1990	0.1990		3,142.0854	3,142.0854	0.0602	0.0576	3,160.7573
Mobile	22.6147	56.6111	151.4639	0.3959	31.6935	0.7476	32.4410	8.4725	0.7081	9.1806		40,771.7134	40,771.7134	2.5288		40,834.9332
Total	**28.4565**	**59.2298**	**153.6889**	**0.4116**	**31.6935**	**0.9467**	**32.6401**	**8.4725**	**0.9072**	**9.3797**		**43,913.8532**	**43,913.8532**	**2.5892**	**0.0576**	**43,995.7485**

	ROG	NOx	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	**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	6/30/2019	7/26/2019	5	20	
2	Site Preparation	Site Preparation	7/27/2019	8/9/2019	5	10	
3	Grading	Grading	8/10/2019	9/6/2019	5	20	
4	Building Construction	Building Construction	9/7/2019	7/24/2020	5	230	
5	Paving	Paving	7/25/2020	8/21/2020	5	20	
6	Architectural Coating	Architectural Coating	8/22/2020	9/18/2020	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

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	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	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2019

Unmitigated Construction On-Site

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

3.2 Demolition - 2019

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.2 Demolition - 2019

Mitigated Construction Off-Site

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

3.3 Site Preparation - 2019

Unmitigated Construction On-Site

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

3.3 Site Preparation - 2019

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.3 Site Preparation - 2019

Mitigated Construction Off-Site

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

3.4 Grading - 2019

Unmitigated Construction On-Site

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

3.4 Grading - 2019

Unmitigated Construction Off-Site

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

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

3.4 Grading - 2019

Mitigated Construction Off-Site

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

3.5 Building Construction - 2019

Unmitigated Construction On-Site

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

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.5 Building Construction - 2019

Mitigated Construction Off-Site

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

3.5 Building Construction - 2020

Unmitigated Construction On-Site

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

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

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

3.6 Paving - 2020

Unmitigated Construction On-Site

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

3.6 Paving - 2020

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
Paving	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**

3.6 Paving - 2020

Mitigated Construction Off-Site

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

3.7 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2020

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2020

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	22.6147	56.6111	151.4639	0.3959	31.6935	0.7476	32.4410	8.4725	0.7081	9.1806		40,771.7134	40,771.7134	2.5288		40,834.9332
Unmitigated	22.6147	56.6111	151.4639	0.3959	31.6935	0.7476	32.4410	8.4725	0.7081	9.1806		40,771.7134	40,771.7134	2.5288		40,834.9332

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	2,965.00	2,965.00	1485.00	3,688,552	3,688,552
Automobile Care Center	593.00	593.00	297.00	737,710	737,710
Bank (with Drive-Through)	740.75	431.60	159.50	658,121	658,121
General Office Building	55.15	12.30	5.25	134,979	134,979
Medical Office Building	2,438.78	604.80	104.63	4,781,334	4,781,334
Quality Restaurant	1,888.95	1,981.56	1515.36	2,632,024	2,632,024
Total	8,681.63	6,588.26	3,566.74	12,632,720	12,632,720

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Automobile Care Center	16.60	8.40	6.90	33.00	48.00	19.00	21	51	28
Automobile Care Center	16.60	8.40	6.90	33.00	48.00	19.00	21	51	28
Bank (with Drive-Through)	16.60	8.40	6.90	6.60	74.40	19.00	27	26	47
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
Bank (with Drive-Through)	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
General Office Building	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
Medical Office Building	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
Quality Restaurant	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

12928 Sun Lakes Village North Specific Plan Amendment No. 6 Existing 2020 Operational Run - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2880	2.6184	2.1995	0.0157		0.1990	0.1990		0.1990	0.1990		3,142.0854	3,142.0854	0.0602	0.0576	3,160.7573
NaturalGas Unmitigated	0.2880	2.6184	2.1995	0.0157		0.1990	0.1990		0.1990	0.1990		3,142.0854	3,142.0854	0.0602	0.0576	3,160.7573

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					
Automobile Care Center	1909.59	0.0206	0.1872	0.1573	1.1200e-003		0.0142	0.0142		0.0142	0.0142		224.6575	224.6575	4.3100e-003	4.1200e-003	225.9926
Automobile Care Center	9547.95	0.1030	0.9361	0.7863	5.6200e-003		0.0711	0.0711		0.0711	0.0711		1,123.2877	1,123.2877	0.0215	0.0206	1,129.9628
Bank (with Drive-Through)	381.918	4.1200e-003	0.0374	0.0315	2.2000e-004		2.8500e-003	2.8500e-003		2.8500e-003	2.8500e-003		44.9315	44.9315	8.6000e-004	8.2000e-004	45.1985
General Office Building	33.1507	3.6000e-004	3.2500e-003	2.7300e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		3.9001	3.9001	7.0000e-005	7.0000e-005	3.9233
Medical Office Building	447.534	4.8300e-003	0.0439	0.0369	2.6000e-004		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003		52.6511	52.6511	1.0100e-003	9.7000e-004	52.9640
Quality Restaurant	14387.6	0.1552	1.4106	1.1849	8.4600e-003		0.1072	0.1072		0.1072	0.1072		1,692.6575	1,692.6575	0.0324	0.0310	1,702.7162
Total		**0.2880**	**2.6184**	**2.1995**	**0.0157**		**0.1990**	**0.1990**		**0.1990**	**0.1990**		**3,142.0854**	**3,142.0854**	**0.0602**	**0.0576**	**3,160.7573**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Automobile Care Center	1.90959	0.0206	0.1872	0.1573	1.1200e-003		0.0142	0.0142		0.0142	0.0142		224.6575	224.6575	4.3100e-003	4.1200e-003	225.9926
Automobile Care Center	9.54795	0.1030	0.9361	0.7863	5.6200e-003		0.0711	0.0711		0.0711	0.0711		1,123.2877	1,123.2877	0.0215	0.0206	1,129.9628
Bank (with Drive-Through)	0.381918	4.1200e-003	0.0374	0.0315	2.2000e-004		2.8500e-003	2.8500e-003		2.8500e-003	2.8500e-003		44.9315	44.9315	8.6000e-004	8.2000e-004	45.1985
General Office Building	0.0331507	3.6000e-004	3.2500e-003	2.7300e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		3.9001	3.9001	7.0000e-005	7.0000e-005	3.9233
Medical Office Building	0.447534	4.8300e-003	0.0439	0.0369	2.6000e-004		3.3300e-003	3.3300e-003		3.3300e-003	3.3300e-003		52.6511	52.6511	1.0100e-003	9.7000e-004	52.9640
Quality Restaurant	14.3876	0.1552	1.4106	1.1849	8.4600e-003		0.1072	0.1072		0.1072	0.1072		1,692.6575	1,692.6575	0.0324	0.0310	1,702.7162
Total		**0.2880**	**2.6184**	**2.1995**	**0.0157**		**0.1990**	**0.1990**		**0.1990**	**0.1990**		**3,142.0854**	**3,142.0854**	**0.0602**	**0.0576**	**3,160.7573**

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	5.5538	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0544	0.0544	1.5000e-004		0.0580
Unmitigated	5.5538	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0544	0.0544	1.5000e-004		0.0580

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	0.6311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.9203					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4000e-003	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0544	0.0544	1.5000e-004		0.0580
Total	**5.5538**	**2.4000e-004**	**0.0255**	**0.0000**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**		**0.0544**	**0.0544**	**1.5000e-004**		**0.0580**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.6311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.9203					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4000e-003	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0544	0.0544	1.5000e-004		0.0580
Total	**5.5538**	**2.4000e-004**	**0.0255**	**0.0000**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**		**0.0544**	**0.0544**	**1.5000e-004**		**0.0580**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

12928 Sun Lakes Village North Specific Plan Amendment No. 6 Proposed 2020 Operational Run

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	52.06	1000sqft	4.00	52,065.00	0
Industrial Park	877.30	1000sqft	40.28	877,298.00	0
Strip Mall	37.19	1000sqft	2.83	37,189.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Per land use plan

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Trips and VMT - Operations only

On-road Fugitive Dust - Operations only

Grading - Operations only

Architectural Coating - Operations

Vehicle Trips - ITE 10th Generation

Energy Use - 2019 Title 24 Standards

Fleet Mix - Only cars and trucks present on site

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	483,276.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,449,828.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	0.00
tblArchitecturalCoating	EF_Parking	100.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	50.00	0.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	0.00
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	5.61	3.92

tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	4.58	3.20
tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	1.92	1.34
tblFleetMix	HHD	0.07	0.07
tblFleetMix	HHD	0.07	0.07
tblFleetMix	HHD	0.07	0.07
tblFleetMix	LDA	0.54	0.54
tblFleetMix	LDA	0.54	0.54
tblFleetMix	LDA	0.54	0.54
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.18	0.19
tblFleetMix	LDT2	0.18	0.19
tblFleetMix	LDT2	0.18	0.19
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	5.3390e-003	7.0000e-003
tblFleetMix	LHD2	5.3390e-003	7.0000e-003
tblFleetMix	LHD2	5.3390e-003	7.0000e-003
tblFleetMix	MCY	4.6290e-003	0.00
tblFleetMix	MCY	4.6290e-003	0.00
tblFleetMix	MCY	4.6290e-003	0.00

tblFleetMix	MDV	0.12	0.12
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MH	1.1200e-003	0.00
tblFleetMix	MH	1.1200e-003	0.00
tblFleetMix	MH	1.1200e-003	0.00
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	OBUS	1.3650e-003	0.00
tblFleetMix	OBUS	1.3650e-003	0.00
tblFleetMix	OBUS	1.3650e-003	0.00
tblFleetMix	SBUS	9.5900e-004	0.00
tblFleetMix	SBUS	9.5900e-004	0.00
tblFleetMix	SBUS	9.5900e-004	0.00
tblFleetMix	UBUS	1.2130e-003	0.00
tblFleetMix	UBUS	1.2130e-003	0.00
tblFleetMix	UBUS	1.2130e-003	0.00
tblGrading	MeanVehicleSpeed	7.10	0.00
tblGrading	MeanVehicleSpeed	7.10	0.00
tblLandUse	LandUseSquareFeet	52,060.00	52,065.00
tblLandUse	LandUseSquareFeet	877,300.00	877,298.00
tblLandUse	LandUseSquareFeet	37,190.00	37,189.00
tblLandUse	LotAcreage	1.20	4.00
tblLandUse	LotAcreage	20.14	40.28
tblLandUse	LotAcreage	0.85	2.83
tblOffRoadEquipment	UsageHours	6.00	0.00

tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblTripsAndVMT	VendorTripNumber	158.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00

tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	397.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	79.00	0.00
tblVehicleEF	HHD	1.50	0.03
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.11	4.6629e-007
tblVehicleEF	HHD	3.46	5.53
tblVehicleEF	HHD	0.46	0.76
tblVehicleEF	HHD	1.51	9.4864e-003
tblVehicleEF	HHD	6,555.40	1,119.65
tblVehicleEF	HHD	1,477.34	1,531.38
tblVehicleEF	HHD	4.68	0.09
tblVehicleEF	HHD	27.96	6.29
tblVehicleEF	HHD	3.07	4.45
tblVehicleEF	HHD	20.33	1.79
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	4.0000e-005	2.1559e-006
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8710e-003	8.8586e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	3.7000e-005	1.9942e-006
tblVehicleEF	HHD	9.2000e-005	8.7614e-006

tblVehicleEF	HHD	2.7720e-003	3.5026e-004
tblVehicleEF	HHD	0.90	0.45
tblVehicleEF	HHD	5.1000e-005	5.9309e-006
tblVehicleEF	HHD	0.07	0.14
tblVehicleEF	HHD	1.9500e-004	1.7747e-003
tblVehicleEF	HHD	0.05	2.4505e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.2000e-005	8.9814e-007
tblVehicleEF	HHD	9.2000e-005	8.7614e-006
tblVehicleEF	HHD	2.7720e-003	3.5026e-004
tblVehicleEF	HHD	1.03	0.52
tblVehicleEF	HHD	5.1000e-005	5.9309e-006
tblVehicleEF	HHD	0.11	0.25
tblVehicleEF	HHD	1.9500e-004	1.7747e-003
tblVehicleEF	HHD	0.06	2.6830e-006
tblVehicleEF	HHD	1.42	0.03
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.11	4.4667e-007
tblVehicleEF	HHD	2.53	5.37
tblVehicleEF	HHD	0.46	0.76
tblVehicleEF	HHD	1.43	9.0047e-003
tblVehicleEF	HHD	6,940.41	1,120.47
tblVehicleEF	HHD	1,477.34	1,531.38
tblVehicleEF	HHD	4.68	0.09
tblVehicleEF	HHD	28.85	6.16
tblVehicleEF	HHD	2.90	4.21

tblVehicleEF	HHD	20.32	1.79
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	4.0000e-005	2.1559e-006
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8710e-003	8.8586e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	3.7000e-005	1.9942e-006
tblVehicleEF	HHD	1.7900e-004	1.4432e-005
tblVehicleEF	HHD	3.1980e-003	3.6287e-004
tblVehicleEF	HHD	0.84	0.47
tblVehicleEF	HHD	1.0100e-004	9.8546e-006
tblVehicleEF	HHD	0.07	0.14
tblVehicleEF	HHD	2.0100e-004	1.7655e-003
tblVehicleEF	HHD	0.05	2.3541e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	8.9058e-007
tblVehicleEF	HHD	1.7900e-004	1.4432e-005
tblVehicleEF	HHD	3.1980e-003	3.6287e-004
tblVehicleEF	HHD	0.97	0.54
tblVehicleEF	HHD	1.0100e-004	9.8546e-006
tblVehicleEF	HHD	0.11	0.25
tblVehicleEF	HHD	2.0100e-004	1.7655e-003

tblVehicleEF	HHD	0.05	2.5774e-006
tblVehicleEF	HHD	1.62	0.02
tblVehicleEF	HHD	0.03	6.4690e-003
tblVehicleEF	HHD	0.11	4.6976e-007
tblVehicleEF	HHD	4.76	5.65
tblVehicleEF	HHD	0.46	0.56
tblVehicleEF	HHD	1.51	9.5464e-003
tblVehicleEF	HHD	6,023.73	1,099.62
tblVehicleEF	HHD	1,477.34	1,476.92
tblVehicleEF	HHD	4.68	0.09
tblVehicleEF	HHD	26.74	6.35
tblVehicleEF	HHD	3.05	4.31
tblVehicleEF	HHD	20.33	1.79
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	4.0000e-005	2.1559e-006
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8710e-003	8.7195e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	3.7000e-005	1.9942e-006
tblVehicleEF	HHD	7.4000e-005	9.2695e-006
tblVehicleEF	HHD	2.9910e-003	4.0976e-004
tblVehicleEF	HHD	0.96	0.43
tblVehicleEF	HHD	4.5000e-005	6.0706e-006

tblVehicleEF	HHD	0.07	0.14
tblVehicleEF	HHD	2.0800e-004	1.8772e-003
tblVehicleEF	HHD	0.05	2.4672e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.2000e-005	8.9908e-007
tblVehicleEF	HHD	7.4000e-005	9.2695e-006
tblVehicleEF	HHD	2.9910e-003	4.0976e-004
tblVehicleEF	HHD	1.11	0.49
tblVehicleEF	HHD	4.5000e-005	6.0706e-006
tblVehicleEF	HHD	0.11	0.16
tblVehicleEF	HHD	2.0800e-004	1.8772e-003
tblVehicleEF	HHD	0.06	2.7013e-006
tblVehicleEF	LDA	4.4730e-003	3.6439e-003
tblVehicleEF	LDA	6.2970e-003	0.06
tblVehicleEF	LDA	0.62	0.82
tblVehicleEF	LDA	1.29	2.22
tblVehicleEF	LDA	266.01	281.79
tblVehicleEF	LDA	60.91	56.36
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.09	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003
tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003

tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.08	0.27
tblVehicleEF	LDA	2.6640e-003	2.7877e-003
tblVehicleEF	LDA	6.3100e-004	5.5773e-004
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.09	0.29
tblVehicleEF	LDA	5.0810e-003	3.9168e-003
tblVehicleEF	LDA	5.4700e-003	0.05
tblVehicleEF	LDA	0.76	0.91
tblVehicleEF	LDA	1.14	1.89
tblVehicleEF	LDA	289.77	295.95
tblVehicleEF	LDA	60.91	55.74
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.19
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003

tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.13	0.12
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.07	0.24
tblVehicleEF	LDA	2.9040e-003	2.9279e-003
tblVehicleEF	LDA	6.2800e-004	5.5159e-004
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.13	0.12
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.08	0.26
tblVehicleEF	LDA	4.3110e-003	3.5693e-003
tblVehicleEF	LDA	6.4670e-003	0.06
tblVehicleEF	LDA	0.58	0.79
tblVehicleEF	LDA	1.32	2.28
tblVehicleEF	LDA	259.39	277.36
tblVehicleEF	LDA	60.91	56.47
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.09	0.21

tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003
tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.09	0.27
tblVehicleEF	LDA	2.5980e-003	2.7439e-003
tblVehicleEF	LDA	6.3200e-004	5.5885e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.10	0.30
tblVehicleEF	LDT1	0.01	9.4839e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.62	1.75
tblVehicleEF	LDT1	3.78	2.46
tblVehicleEF	LDT1	325.17	331.55

tblVehicleEF	LDT1	74.01	67.29
tblVehicleEF	LDT1	0.16	0.15
tblVehicleEF	LDT1	0.23	0.31
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.22	0.16
tblVehicleEF	LDT1	0.37	0.24
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.22	0.83
tblVehicleEF	LDT1	0.27	0.45
tblVehicleEF	LDT1	3.2720e-003	3.2808e-003
tblVehicleEF	LDT1	8.0700e-004	6.6594e-004
tblVehicleEF	LDT1	0.22	0.16
tblVehicleEF	LDT1	0.37	0.24
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	0.22	0.83
tblVehicleEF	LDT1	0.30	0.49
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	0.08

tblVehicleEF	LDT1	1.95	1.93
tblVehicleEF	LDT1	3.33	2.09
tblVehicleEF	LDT1	353.10	345.86
tblVehicleEF	LDT1	74.01	66.53
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.22	0.29
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.44	0.26
tblVehicleEF	LDT1	0.46	0.26
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.22	0.77
tblVehicleEF	LDT1	0.23	0.39
tblVehicleEF	LDT1	3.5570e-003	3.4225e-003
tblVehicleEF	LDT1	7.9900e-004	6.5837e-004
tblVehicleEF	LDT1	0.44	0.26
tblVehicleEF	LDT1	0.46	0.26
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.22	0.77

tblVehicleEF	LDT1	0.26	0.43
tblVehicleEF	LDT1	0.01	9.3109e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.52	1.70
tblVehicleEF	LDT1	3.84	2.53
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tblVehicleEF	LDT1	74.01	67.43
tblVehicleEF	LDT1	0.16	0.15
tblVehicleEF	LDT1	0.23	0.31
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.41	0.28
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.28	0.46
tblVehicleEF	LDT1	3.1880e-003	3.2357e-003
tblVehicleEF	LDT1	8.0800e-004	6.6731e-004
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.41	0.28

tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.30	0.50
tblVehicleEF	LDT2	6.1110e-003	5.7338e-003
tblVehicleEF	LDT2	8.2750e-003	0.08
tblVehicleEF	LDT2	0.82	1.16
tblVehicleEF	LDT2	1.71	2.85
tblVehicleEF	LDT2	366.61	361.86
tblVehicleEF	LDT2	83.75	73.87
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.15	0.34
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.37
tblVehicleEF	LDT2	3.6730e-003	3.5801e-003

tblVehicleEF	LDT2	8.6600e-004	7.3103e-004
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.41
tblVehicleEF	LDT2	6.9350e-003	6.1404e-003
tblVehicleEF	LDT2	7.1890e-003	0.07
tblVehicleEF	LDT2	1.00	1.29
tblVehicleEF	LDT2	1.51	2.43
tblVehicleEF	LDT2	398.95	376.16
tblVehicleEF	LDT2	83.75	73.06
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.15	0.32
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.02	0.03

tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	3.9980e-003	3.7215e-003
tblVehicleEF	LDT2	8.6300e-004	7.2299e-004
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.11	0.36
tblVehicleEF	LDT2	5.8750e-003	5.6213e-003
tblVehicleEF	LDT2	8.5090e-003	0.08
tblVehicleEF	LDT2	0.76	1.12
tblVehicleEF	LDT2	1.74	2.93
tblVehicleEF	LDT2	356.95	357.31
tblVehicleEF	LDT2	83.75	74.02
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.15	0.34
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.06	0.08

tblVehicleEF	LDT2	0.14	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.08	0.51
tblVehicleEF	LDT2	0.11	0.38
tblVehicleEF	LDT2	3.5750e-003	3.5351e-003
tblVehicleEF	LDT2	8.6700e-004	7.3252e-004
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.14	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.51
tblVehicleEF	LDT2	0.13	0.42
tblVehicleEF	LHD1	5.6490e-003	5.8817e-003
tblVehicleEF	LHD1	0.01	6.7552e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.03	0.81
tblVehicleEF	LHD1	2.54	1.20
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.90
tblVehicleEF	LHD1	30.90	12.81
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.35	0.99
tblVehicleEF	LHD1	1.02	0.36
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08

tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	3.9460e-003	2.8668e-003
tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.9130e-003	1.6620e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.59
tblVehicleEF	LHD1	0.28	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6818e-003
tblVehicleEF	LHD1	3.5800e-004	1.2675e-004
tblVehicleEF	LHD1	3.9460e-003	2.8668e-003
tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.9130e-003	1.6620e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.31	0.59
tblVehicleEF	LHD1	0.30	0.10
tblVehicleEF	LHD1	5.6490e-003	5.8948e-003
tblVehicleEF	LHD1	0.01	6.8828e-003

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.05	0.82
tblVehicleEF	LHD1	2.42	1.14
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.92
tblVehicleEF	LHD1	30.90	12.71
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.21	0.93
tblVehicleEF	LHD1	0.98	0.35
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
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tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	7.3960e-003	4.3926e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.6890e-003	2.4883e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.58
tblVehicleEF	LHD1	0.27	0.09

tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6820e-003
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tblVehicleEF	LHD1	7.3960e-003	4.3926e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.6890e-003	2.4883e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.31	0.58
tblVehicleEF	LHD1	0.29	0.10
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tblVehicleEF	LHD1	0.01	6.7279e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.03	0.80
tblVehicleEF	LHD1	2.54	1.20
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.90
tblVehicleEF	LHD1	30.90	12.82
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.32	0.98
tblVehicleEF	LHD1	1.01	0.37
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004

tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	3.5540e-003	3.0437e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7480e-003	1.6710e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.28	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6818e-003
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tblVehicleEF	LHD1	3.5540e-003	3.0437e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7480e-003	1.6710e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.30	0.10
tblVehicleEF	LHD2	3.8330e-003	4.1865e-003
tblVehicleEF	LHD2	5.1000e-003	4.7023e-003
tblVehicleEF	LHD2	9.1950e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55

tblVehicleEF	LHD2	1.23	0.82
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.41
tblVehicleEF	LHD2	23.90	9.98
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.94	1.23
tblVehicleEF	LHD2	0.56	0.25
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
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tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	1.5990e-003	1.7535e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.1500e-004	1.0288e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.38
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6672e-003
tblVehicleEF	LHD2	2.6200e-004	9.8743e-005

tblVehicleEF	LHD2	1.5990e-003	1.7535e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	8.1500e-004	1.0288e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.38
tblVehicleEF	LHD2	0.14	0.07
tblVehicleEF	LHD2	3.8330e-003	4.1958e-003
tblVehicleEF	LHD2	5.1600e-003	4.7587e-003
tblVehicleEF	LHD2	8.8690e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.18	0.78
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.42
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tblVehicleEF	LHD2	0.12	0.10
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tblVehicleEF	LHD2	0.54	0.24
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
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tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.37
tblVehicleEF	LHD2	0.12	0.06
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tblVehicleEF	LHD2	3.0260e-003	2.6685e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	1.5540e-003	1.5255e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.37
tblVehicleEF	LHD2	0.13	0.07
tblVehicleEF	LHD2	3.8330e-003	4.1853e-003
tblVehicleEF	LHD2	5.0860e-003	4.6903e-003
tblVehicleEF	LHD2	9.2490e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.24	0.82
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.41

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tblVehicleEF	LHD2	0.56	0.26
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	1.2860e-003	1.8367e-003
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.9100e-004	1.0189e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6671e-003
tblVehicleEF	LHD2	2.6200e-004	9.8819e-005
tblVehicleEF	LHD2	1.2860e-003	1.8367e-003
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.02	0.03

tblVehicleEF	LHD2	6.9100e-004	1.0189e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.14	0.07
tblVehicleEF	MCY	0.41	0.37
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.93	19.66
tblVehicleEF	MCY	9.66	8.48
tblVehicleEF	MCY	164.88	218.98
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tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	1.68	1.17
tblVehicleEF	MCY	0.86	0.72
tblVehicleEF	MCY	0.93	0.71
tblVehicleEF	MCY	2.17	2.53
tblVehicleEF	MCY	0.58	2.13
tblVehicleEF	MCY	2.09	1.84
tblVehicleEF	MCY	2.0370e-003	2.1670e-003

tblVehicleEF	MCY	6.8600e-004	5.9901e-004
tblVehicleEF	MCY	1.68	1.17
tblVehicleEF	MCY	0.86	0.72
tblVehicleEF	MCY	0.93	0.71
tblVehicleEF	MCY	2.66	3.12
tblVehicleEF	MCY	0.58	2.13
tblVehicleEF	MCY	2.27	2.00
tblVehicleEF	MCY	0.41	0.36
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.66	19.00
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tblVehicleEF	MCY	164.88	217.72
tblVehicleEF	MCY	46.70	58.69
tblVehicleEF	MCY	0.98	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	3.35	1.93
tblVehicleEF	MCY	1.25	0.82
tblVehicleEF	MCY	2.10	1.23
tblVehicleEF	MCY	2.15	2.46

tblVehicleEF	MCY	0.58	2.01
tblVehicleEF	MCY	1.87	1.63
tblVehicleEF	MCY	2.0470e-003	2.1545e-003
tblVehicleEF	MCY	6.7100e-004	5.8079e-004
tblVehicleEF	MCY	3.35	1.93
tblVehicleEF	MCY	1.25	0.82
tblVehicleEF	MCY	2.10	1.23
tblVehicleEF	MCY	2.63	3.04
tblVehicleEF	MCY	0.58	2.01
tblVehicleEF	MCY	2.03	1.77
tblVehicleEF	MCY	0.41	0.37
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.43	19.68
tblVehicleEF	MCY	9.60	8.55
tblVehicleEF	MCY	164.88	219.04
tblVehicleEF	MCY	46.70	60.74
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
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tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	1.60	1.29

tblVehicleEF	MCY	1.06	0.93
tblVehicleEF	MCY	0.75	0.70
tblVehicleEF	MCY	2.17	2.54
tblVehicleEF	MCY	0.66	2.43
tblVehicleEF	MCY	2.10	1.87
tblVehicleEF	MCY	2.0290e-003	2.1676e-003
tblVehicleEF	MCY	6.8600e-004	6.0106e-004
tblVehicleEF	MCY	1.60	1.29
tblVehicleEF	MCY	1.06	0.93
tblVehicleEF	MCY	0.75	0.70
tblVehicleEF	MCY	2.66	3.13
tblVehicleEF	MCY	0.66	2.43
tblVehicleEF	MCY	2.28	2.03
tblVehicleEF	MDV	0.01	8.1275e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.58	1.49
tblVehicleEF	MDV	3.47	3.45
tblVehicleEF	MDV	501.88	442.94
tblVehicleEF	MDV	112.78	90.12
tblVehicleEF	MDV	0.19	0.15
tblVehicleEF	MDV	0.34	0.42
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003

tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.21	0.16
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.27	0.49
tblVehicleEF	MDV	5.0330e-003	4.3797e-003
tblVehicleEF	MDV	1.1890e-003	8.9179e-004
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.21	0.16
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.30	0.53
tblVehicleEF	MDV	0.02	8.6153e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.91	1.63
tblVehicleEF	MDV	3.08	2.93
tblVehicleEF	MDV	544.80	458.44
tblVehicleEF	MDV	112.78	89.12
tblVehicleEF	MDV	0.18	0.13
tblVehicleEF	MDV	0.33	0.39
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003

tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.22	0.15
tblVehicleEF	MDV	0.24	0.17
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.24	0.43
tblVehicleEF	MDV	5.4670e-003	4.5332e-003
tblVehicleEF	MDV	1.1820e-003	8.8191e-004
tblVehicleEF	MDV	0.22	0.15
tblVehicleEF	MDV	0.24	0.17
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.26	0.47
tblVehicleEF	MDV	0.01	7.9891e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.48	1.45
tblVehicleEF	MDV	3.54	3.54
tblVehicleEF	MDV	489.12	438.16
tblVehicleEF	MDV	112.78	90.29
tblVehicleEF	MDV	0.18	0.14
tblVehicleEF	MDV	0.34	0.42

tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.22	0.17
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.13	0.54
tblVehicleEF	MDV	0.28	0.50
tblVehicleEF	MDV	4.9040e-003	4.3324e-003
tblVehicleEF	MDV	1.1910e-003	8.9352e-004
tblVehicleEF	MDV	0.09	0.09
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tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.13	0.54
tblVehicleEF	MDV	0.31	0.54
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.14	0.32
tblVehicleEF	MH	6.37	0.00
tblVehicleEF	MH	1,005.77	983.97

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tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	9.9900e-003	9.3020e-003
tblVehicleEF	MH	7.0000e-004	0.00
tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00

tblVehicleEF	MH	3.24	0.32
tblVehicleEF	MH	5.95	0.00
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tblVehicleEF	MH	58.82	0.00
tblVehicleEF	MH	1.63	3.87
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	3.01	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	1.11	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	9.9910e-003	9.3020e-003
tblVehicleEF	MH	6.9300e-004	0.00
tblVehicleEF	MH	3.01	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	1.11	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00

tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.12	0.32
tblVehicleEF	MH	6.40	0.00
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tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	1.67	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	9.9890e-003	9.3020e-003
tblVehicleEF	MH	7.0000e-004	0.00
tblVehicleEF	MH	1.67	0.00
tblVehicleEF	MH	0.11	0.00

tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
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tblVehicleEF	MHD	6.1240e-003	8.3332e-003
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.06	0.08
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tblVehicleEF	MHD	3.6080e-003	2.1060e-003
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	1.8750e-003	6.7885e-004

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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	9.0500e-004	4.1295e-004
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tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.40	0.07
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6700e-004	1.1717e-004
tblVehicleEF	MHD	1.8750e-003	6.7885e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	9.0500e-004	4.1295e-004
tblVehicleEF	MHD	0.08	0.16
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.44	0.07
tblVehicleEF	MHD	0.02	4.0641e-003
tblVehicleEF	MHD	6.1890e-003	8.3939e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.31	0.30
tblVehicleEF	MHD	0.47	0.76
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tblVehicleEF	MHD	1,067.94	1,101.45
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tblVehicleEF	MHD	1.60	2.49

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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.06	0.08
tblVehicleEF	MHD	8.1800e-004	1.3381e-004
tblVehicleEF	MHD	3.0420e-003	1.7774e-003
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	3.6340e-003	1.0371e-003
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.7950e-003	6.1744e-004
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tblVehicleEF	MHD	0.02	0.13
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tblVehicleEF	MHD	1.5920e-003	6.5574e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6100e-004	1.1597e-004
tblVehicleEF	MHD	3.6340e-003	1.0371e-003
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.7950e-003	6.1744e-004
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tblVehicleEF	MHD	0.02	0.13

tblVehicleEF	MHD	0.42	0.07
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tblVehicleEF	MHD	0.60	0.49
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.06	0.08
tblVehicleEF	MHD	8.1800e-004	1.3381e-004
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tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	1.4650e-003	7.1674e-004
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tblVehicleEF	MHD	7.2400e-004	4.1297e-004

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tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	7.2400e-004	4.1297e-004
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tblVehicleEF	OBUS	0.01	0.01
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tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
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tblVehicleEF	OBUS	0.05	0.08
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tblVehicleEF	SBUS	2.7000e-003	2.6797e-003
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tblVehicleEF	SBUS	4.0600e-004	4.4616e-005
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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.4900e-004	5.4047e-005

tblVehicleEF	SBUS	4.5410e-003	1.0878e-003
tblVehicleEF	SBUS	0.03	8.9941e-003
tblVehicleEF	SBUS	1.35	0.46
tblVehicleEF	SBUS	2.0600e-003	5.3214e-004
tblVehicleEF	SBUS	0.13	0.14
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.40	0.04
tblVehicleEF	SBUS	0.85	0.07
tblVehicleEF	SBUS	0.01	9.1649e-003
tblVehicleEF	SBUS	0.05	5.7028e-003
tblVehicleEF	SBUS	7.67	2.68
tblVehicleEF	SBUS	0.67	0.80
tblVehicleEF	SBUS	4.88	0.73
tblVehicleEF	SBUS	1,207.92	366.39
tblVehicleEF	SBUS	1,108.94	1,135.72
tblVehicleEF	SBUS	53.24	5.15
tblVehicleEF	SBUS	10.92	3.62
tblVehicleEF	SBUS	4.69	5.26
tblVehicleEF	SBUS	12.56	0.70
tblVehicleEF	SBUS	0.01	4.4850e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.4200e-004	4.8524e-005
tblVehicleEF	SBUS	9.8070e-003	4.2910e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7000e-003	2.6797e-003

tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.0600e-004	4.4616e-005
tblVehicleEF	SBUS	8.2250e-003	1.6536e-003
tblVehicleEF	SBUS	0.03	9.1914e-003
tblVehicleEF	SBUS	0.93	0.32
tblVehicleEF	SBUS	3.8990e-003	8.1500e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.31	0.03
tblVehicleEF	SBUS	0.01	3.4945e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.1800e-004	5.0916e-005
tblVehicleEF	SBUS	8.2250e-003	1.6536e-003
tblVehicleEF	SBUS	0.03	9.1914e-003
tblVehicleEF	SBUS	1.35	0.46
tblVehicleEF	SBUS	3.8990e-003	8.1500e-004
tblVehicleEF	SBUS	0.13	0.14
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.34	0.04
tblVehicleEF	SBUS	0.85	0.07
tblVehicleEF	SBUS	0.01	9.0312e-003
tblVehicleEF	SBUS	0.07	6.6366e-003
tblVehicleEF	SBUS	7.99	2.78
tblVehicleEF	SBUS	0.66	0.78
tblVehicleEF	SBUS	7.09	0.94
tblVehicleEF	SBUS	1,081.70	342.89
tblVehicleEF	SBUS	1,108.94	1,135.69

tblVehicleEF	SBUS	53.24	5.51
tblVehicleEF	SBUS	10.11	3.41
tblVehicleEF	SBUS	4.94	5.49
tblVehicleEF	SBUS	12.59	0.70
tblVehicleEF	SBUS	0.01	6.4556e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.4200e-004	4.8524e-005
tblVehicleEF	SBUS	0.01	6.1763e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7000e-003	2.6797e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.0600e-004	4.4616e-005
tblVehicleEF	SBUS	4.1410e-003	1.1224e-003
tblVehicleEF	SBUS	0.03	9.8000e-003
tblVehicleEF	SBUS	0.94	0.32
tblVehicleEF	SBUS	1.9980e-003	5.3138e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.38	0.04
tblVehicleEF	SBUS	0.01	3.2726e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.5500e-004	5.4498e-005
tblVehicleEF	SBUS	4.1410e-003	1.1224e-003
tblVehicleEF	SBUS	0.03	9.8000e-003
tblVehicleEF	SBUS	1.35	0.46

tblVehicleEF	SBUS	1.9980e-003	5.3138e-004
tblVehicleEF	SBUS	0.13	0.14
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.42	0.04
tblVehicleEF	UBUS	1.60	6.04
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	10.35	38.44
tblVehicleEF	UBUS	16.43	0.97
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.92
tblVehicleEF	UBUS	5.46	1.54
tblVehicleEF	UBUS	12.53	0.12
tblVehicleEF	UBUS	0.50	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.01	9.5872e-004
tblVehicleEF	UBUS	0.13	0.01
tblVehicleEF	UBUS	5.4970e-003	6.5436e-004
tblVehicleEF	UBUS	0.64	0.14
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	1.28	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003

tblVehicleEF	UBUS	1.8570e-003	1.1798e-004
tblVehicleEF	UBUS	0.01	9.5872e-004
tblVehicleEF	UBUS	0.13	0.01
tblVehicleEF	UBUS	5.4970e-003	6.5436e-004
tblVehicleEF	UBUS	2.30	6.22
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	1.40	0.07
tblVehicleEF	UBUS	1.61	6.04
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	10.64	38.44
tblVehicleEF	UBUS	14.18	0.85
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.72
tblVehicleEF	UBUS	5.09	1.54
tblVehicleEF	UBUS	12.44	0.11
tblVehicleEF	UBUS	0.50	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.02	1.4178e-003
tblVehicleEF	UBUS	0.17	0.01
tblVehicleEF	UBUS	0.01	9.4757e-004
tblVehicleEF	UBUS	0.65	0.14

tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.17	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003
tblVehicleEF	UBUS	1.8170e-003	1.1596e-004
tblVehicleEF	UBUS	0.02	1.4178e-003
tblVehicleEF	UBUS	0.17	0.01
tblVehicleEF	UBUS	0.01	9.4757e-004
tblVehicleEF	UBUS	2.31	6.22
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.28	0.06
tblVehicleEF	UBUS	1.60	6.04
tblVehicleEF	UBUS	0.10	0.02
tblVehicleEF	UBUS	10.37	38.44
tblVehicleEF	UBUS	16.61	0.98
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.95
tblVehicleEF	UBUS	5.42	1.54
tblVehicleEF	UBUS	12.54	0.12
tblVehicleEF	UBUS	0.50	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.01	9.4530e-004

tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.7660e-003	6.2920e-004
tblVehicleEF	UBUS	0.64	0.14
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	1.29	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003
tblVehicleEF	UBUS	1.8600e-003	1.1829e-004
tblVehicleEF	UBUS	0.01	9.4530e-004
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.7660e-003	6.2920e-004
tblVehicleEF	UBUS	2.30	6.22
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	1.42	0.07
tblVehicleTrips	ST_TR	2.49	2.54
tblVehicleTrips	ST_TR	8.96	8.57
tblVehicleTrips	ST_TR	42.04	46.12
tblVehicleTrips	SU_TR	0.73	1.24
tblVehicleTrips	SU_TR	1.55	1.42
tblVehicleTrips	SU_TR	20.43	21.10
tblVehicleTrips	WD_TR	6.83	3.37
tblVehicleTrips	WD_TR	36.13	34.80
tblVehicleTrips	WD_TR	44.32	37.75

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					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2023	0.0000	0.0000	0.0000	0.0000	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**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2023	0.0000	0.0000	0.0000	0.0000	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	N20	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	3.9418	1.1000e-004	0.0124	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0240	0.0240	6.0000e-005	0.0000	0.0256
Energy	0.0125	0.1137	0.0955	6.8000e-004		8.6400e-003	8.6400e-003		8.6400e-003	8.6400e-003	0.0000	2,457.9096	2,457.9096	0.0987	0.0222	2,466.9956
Mobile	2.4763	10.0466	23.7161	0.0782	6.2502	0.1448	6.3950	1.6715	0.1372	1.8087	0.0000	7,330.6500	7,330.6500	0.3031	0.0000	7,338.2275
Waste						0.0000	0.0000		0.0000	0.0000	342.8822	0.0000	342.8822	20.2638	0.0000	849.4761
Water						0.0000	0.0000		0.0000	0.0000	67.3095	890.5964	957.9059	6.9501	0.1709	1,182.5704
Total	**6.4306**	**10.1604**	**23.8240**	**0.0788**	**6.2502**	**0.1534**	**6.4037**	**1.6715**	**0.1459**	**1.8174**	**410.1917**	**10,679.1800**	**11,089.3716**	**27.6158**	**0.1931**	**11,837.2951**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.9418	1.1000e-004	0.0124	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0240	0.0240	6.0000e-005	0.0000	0.0256
Energy	0.0125	0.1137	0.0955	6.8000e-004		8.6400e-003	8.6400e-003		8.6400e-003	8.6400e-003	0.0000	2,457.9096	2,457.9096	0.0987	0.0222	2,466.9956
Mobile	2.4763	10.0466	23.7161	0.0782	6.2502	0.1448	6.3950	1.6715	0.1372	1.8087	0.0000	7,330.6500	7,330.6500	0.3031	0.0000	7,338.2275
Waste						0.0000	0.0000		0.0000	0.0000	342.8822	0.0000	342.8822	20.2638	0.0000	849.4761
Water						0.0000	0.0000		0.0000	0.0000	67.3095	890.5964	957.9059	6.9501	0.1709	1,182.5704
Total	**6.4306**	**10.1604**	**23.8240**	**0.0788**	**6.2502**	**0.1534**	**6.4037**	**1.6715**	**0.1459**	**1.8174**	**410.1917**	**10,679.1800**	**11,089.3716**	**27.6158**	**0.1931**	**11,837.2951**

	ROG	NOx	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	**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	6/30/2019	9/6/2019	5	50	
2	Site Preparation	Site Preparation	9/7/2019	10/18/2019	5	30	
3	Grading	Grading	10/19/2019	1/31/2020	5	75	
4	Building Construction	Building Construction	2/1/2020	12/2/2022	5	740	
5	Paving	Paving	12/3/2022	2/17/2023	5	55	
6	Architectural Coating	Architectural Coating	2/18/2023	5/5/2023	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	0.00	81	0.73
Demolition	Excavators	3	0.00	158	0.38
Demolition	Rubber Tired Dozers	2	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	0.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	0.00	97	0.37
Grading	Excavators	2	0.00	158	0.38
Grading	Graders	1	0.00	187	0.41
Grading	Rubber Tired Dozers	1	0.00	247	0.40
Grading	Scrapers	2	0.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	0.00	97	0.37
Building Construction	Cranes	1	0.00	231	0.29
Building Construction	Forklifts	3	0.00	89	0.20
Building Construction	Generator Sets	1	0.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	0.00	97	0.37
Building Construction	Welders	1	0.00	46	0.45
Paving	Pavers	2	0.00	130	0.42
Paving	Paving Equipment	2	0.00	132	0.36
Paving	Rollers	2	0.00	80	0.38
Architectural Coating	Air Compressors	1	0.00	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	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2019

Unmitigated Construction On-Site

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

3.2 Demolition - 2019

Unmitigated Construction Off-Site

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

3.2 Demolition - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					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
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 - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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
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
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 - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					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
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 - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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
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
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 - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					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
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 - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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
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
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 - 2020

Mitigated Construction Off-Site

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

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

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

3.5 Building Construction - 2020

Mitigated Construction Off-Site

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

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

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

3.5 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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 - 2022

Unmitigated Construction On-Site

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

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

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

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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 - 2022

Unmitigated Construction On-Site

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

3.6 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**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 - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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 - 2023

Unmitigated Construction On-Site

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

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**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 - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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 - 2023

Unmitigated Construction On-Site

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

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

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

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	2.4763	10.0466	23.7161	0.0782	6.2502	0.1448	6.3950	1.6715	0.1372	1.8087	0.0000	7,330.6500	7,330.6500	0.3031	0.0000	7,338.2275
Unmitigated	2.4763	10.0466	23.7161	0.0782	6.2502	0.1448	6.3950	1.6715	0.1372	1.8087	0.0000	7,330.6500	7,330.6500	0.3031	0.0000	7,338.2275

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	2,956.50	2,228.34	1087.85	10,282,353	10,282,353
Medical Office Building	1,811.69	446.15	73.93	3,549,332	3,549,332
Strip Mall	1,403.92	1,715.20	784.71	2,587,400	2,587,400
Total	6,172.11	4,389.70	1,946.49	16,419,086	16,419,086

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Industrial Park	16.60	8.40	6.90	59.00	28.00	13.00	79	19	2
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.539000	0.040000	0.185000	0.123000	0.018000	0.007000	0.018000	0.070000	0.000000	0.000000	0.000000	0.000000	0.000000
Medical Office Building	0.539000	0.040000	0.185000	0.123000	0.018000	0.007000	0.018000	0.070000	0.000000	0.000000	0.000000	0.000000	0.000000
Strip Mall	0.539000	0.040000	0.185000	0.123000	0.018000	0.007000	0.018000	0.070000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.0000	2,334.1407	2,334.1407	0.0964	0.0199	2,342.4912
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,334.1407	2,334.1407	0.0964	0.0199	2,342.4912
NaturalGas Mitigated	0.0125	0.1137	0.0955	6.8000e-004		8.6400e-003	8.6400e-003		8.6400e-003	8.6400e-003	0.0000	123.7689	123.7689	2.3700e-003	2.2700e-003	124.5044
NaturalGas Unmitigated	0.0125	0.1137	0.0955	6.8000e-004		8.6400e-003	8.6400e-003		8.6400e-003	8.6400e-003	0.0000	123.7689	123.7689	2.3700e-003	2.2700e-003	124.5044

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					
Industrial Park	2.13183e+006	0.0115	0.1045	0.0878	6.3000e-004		7.9400e-003	7.9400e-003		7.9400e-003	7.9400e-003	0.0000	113.7628	113.7628	2.1800e-003	2.0900e-003	114.4388
Medical Office Building	126518	6.8000e-004	6.2000e-003	5.2100e-003	4.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004	0.0000	6.7515	6.7515	1.3000e-004	1.2000e-004	6.7916
Strip Mall	60990	3.3000e-004	2.9900e-003	2.5100e-003	2.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	3.2547	3.2547	6.0000e-005	6.0000e-005	3.2740
Total		**0.0125**	**0.1137**	**0.0955**	**6.9000e-004**		**8.6400e-003**	**8.6400e-003**		**8.6400e-003**	**8.6400e-003**	**0.0000**	**123.7689**	**123.7689**	**2.3700e-003**	**2.2700e-003**	**124.5044**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Industrial Park	2.13183e+006	0.0115	0.1045	0.0878	6.3000e-004		7.9400e-003	7.9400e-003		7.9400e-003	7.9400e-003	0.0000	113.7628	113.7628	2.1800e-003	2.0900e-003	114.4388
Medical Office Building	126518	6.8000e-004	6.2000e-003	5.2100e-003	4.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004	0.0000	6.7515	6.7515	1.3000e-004	1.2000e-004	6.7916
Strip Mall	60990	3.3000e-004	2.9900e-003	2.5100e-003	2.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	3.2547	3.2547	6.0000e-005	6.0000e-005	3.2740
Total		**0.0125**	**0.1137**	**0.0955**	**6.9000e-004**		**8.6400e-003**	**8.6400e-003**		**8.6400e-003**	**8.6400e-003**	**0.0000**	**123.7689**	**123.7689**	**2.3700e-003**	**2.2700e-003**	**124.5044**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Industrial Park	6.57974e+006	2,096.4445	0.0866	0.0179	2,103.9446
Medical Office Building	390488	124.4177	5.1400e-003	1.0600e-003	124.8628
Strip Mall	355527	113.2785	4.6800e-003	9.7000e-004	113.6837
Total		**2,334.1407**	**0.0964**	**0.0199**	**2,342.4912**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Industrial Park	6.57974e+006	2,096.4445	0.0866	0.0179	2,103.9446
Medical Office Building	390488	124.4177	5.1400e-003	1.0600e-003	124.8628
Strip Mall	355527	113.2785	4.6800e-003	9.7000e-004	113.6837
Total		**2,334.1407**	**0.0964**	**0.0199**	**2,342.4912**

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	3.9418	1.1000e-004	0.0124	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0240	0.0240	6.0000e-005	0.0000	0.0256
Unmitigated	3.9418	1.1000e-004	0.0124	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0240	0.0240	6.0000e-005	0.0000	0.0256

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	0.4480					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.4926					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1700e-003	1.1000e-004	0.0124	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0240	0.0240	6.0000e-005	0.0000	0.0256
Total	**3.9418**	**1.1000e-004**	**0.0124**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0240**	**0.0240**	**6.0000e-005**	**0.0000**	**0.0256**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4480					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.4926					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1700e-003	1.1000e-004	0.0124	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0240	0.0240	6.0000e-005	0.0000	0.0256
Total	**3.9418**	**1.1000e-004**	**0.0124**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0240**	**0.0240**	**6.0000e-005**	**0.0000**	**0.0256**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	957.9059	6.9501	0.1709	1,182.5704
Unmitigated	957.9059	6.9501	0.1709	1,182.5704

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Industrial Park	202.876 / 0	906.0473	6.6455	0.1633	1,120.8418
Medical Office Building	6.53252 / 1.24429	33.5790	0.2142	5.3000e-003	40.5111
Strip Mall	2.75476 / 1.6884	18.2796	0.0905	2.2700e-003	21.2175
Total		**957.9059**	**6.9501**	**0.1709**	**1,182.5704**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Industrial Park	202.876 / 0	906.0473	6.6455	0.1633	1,120.8418
Medical Office Building	6.53252 / 1.24429	33.5790	0.2142	5.3000e-003	40.5111
Strip Mall	2.75476 / 1.6884	18.2796	0.0905	2.2700e-003	21.2175
Total		**957.9059**	**6.9501**	**0.1709**	**1,182.5704**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	342.8822	20.2638	0.0000	849.4761
Unmitigated	342.8822	20.2638	0.0000	849.4761

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Industrial Park	1087.85	220.8237	13.0503	0.0000	547.0814
Medical Office Building	562.25	114.1317	6.7450	0.0000	282.7564
Strip Mall	39.05	7.9268	0.4685	0.0000	19.6383
Total		**342.8822**	**20.2638**	**0.0000**	**849.4761**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Industrial Park	1087.85	220.8237	13.0503	0.0000	547.0814
Medical Office Building	562.25	114.1317	6.7450	0.0000	282.7564
Strip Mall	39.05	7.9268	0.4685	0.0000	19.6383
Total		**342.8822**	**20.2638**	**0.0000**	**849.4761**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

12928 Sun Lakes Village North Specific Plan Amendment No. 6 Proposed 2020 Operational Run

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	52.06	1000sqft	4.00	52,065.00	0
Industrial Park	877.30	1000sqft	40.28	877,298.00	0
Strip Mall	37.19	1000sqft	2.83	37,189.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Per land use plan

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Trips and VMT - Operations only

On-road Fugitive Dust - Operations only

Grading - Operations only

Architectural Coating - Operations

Vehicle Trips - ITE 10th Generation

Energy Use - 2019 Title 24 Standards

Fleet Mix - Only cars and trucks present on site

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	483,276.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,449,828.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	0.00
tblArchitecturalCoating	EF_Parking	100.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	50.00	0.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	0.00
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	5.61	3.92

tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	4.58	3.20
tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	1.92	1.34
tblFleetMix	HHD	0.07	0.07
tblFleetMix	HHD	0.07	0.07
tblFleetMix	HHD	0.07	0.07
tblFleetMix	LDA	0.54	0.54
tblFleetMix	LDA	0.54	0.54
tblFleetMix	LDA	0.54	0.54
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.18	0.19
tblFleetMix	LDT2	0.18	0.19
tblFleetMix	LDT2	0.18	0.19
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	5.3390e-003	7.0000e-003
tblFleetMix	LHD2	5.3390e-003	7.0000e-003
tblFleetMix	LHD2	5.3390e-003	7.0000e-003
tblFleetMix	MCY	4.6290e-003	0.00
tblFleetMix	MCY	4.6290e-003	0.00
tblFleetMix	MCY	4.6290e-003	0.00

tblFleetMix	MDV	0.12	0.12
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MH	1.1200e-003	0.00
tblFleetMix	MH	1.1200e-003	0.00
tblFleetMix	MH	1.1200e-003	0.00
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	OBUS	1.3650e-003	0.00
tblFleetMix	OBUS	1.3650e-003	0.00
tblFleetMix	OBUS	1.3650e-003	0.00
tblFleetMix	SBUS	9.5900e-004	0.00
tblFleetMix	SBUS	9.5900e-004	0.00
tblFleetMix	SBUS	9.5900e-004	0.00
tblFleetMix	UBUS	1.2130e-003	0.00
tblFleetMix	UBUS	1.2130e-003	0.00
tblFleetMix	UBUS	1.2130e-003	0.00
tblGrading	MeanVehicleSpeed	7.10	0.00
tblGrading	MeanVehicleSpeed	7.10	0.00
tblLandUse	LandUseSquareFeet	52,060.00	52,065.00
tblLandUse	LandUseSquareFeet	877,300.00	877,298.00
tblLandUse	LandUseSquareFeet	37,190.00	37,189.00
tblLandUse	LotAcreage	1.20	4.00
tblLandUse	LotAcreage	20.14	40.28
tblLandUse	LotAcreage	0.85	2.83
tblOffRoadEquipment	UsageHours	6.00	0.00

tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblTripsAndVMT	VendorTripNumber	158.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00

tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	397.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	79.00	0.00
tblVehicleEF	HHD	1.50	0.03
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.11	4.6629e-007
tblVehicleEF	HHD	3.46	5.53
tblVehicleEF	HHD	0.46	0.76
tblVehicleEF	HHD	1.51	9.4864e-003
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tblVehicleEF	HHD	1,477.34	1,531.38
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tblVehicleEF	HHD	27.96	6.29
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tblVehicleEF	HHD	0.03	0.03
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tblVehicleEF	HHD	0.04	0.04
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tblVehicleEF	HHD	0.05	2.4672e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.2000e-005	8.9908e-007
tblVehicleEF	HHD	7.4000e-005	9.2695e-006
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tblVehicleEF	HHD	4.5000e-005	6.0706e-006
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tblVehicleEF	HHD	0.06	2.7013e-006
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tblVehicleEF	LDA	6.2970e-003	0.06
tblVehicleEF	LDA	0.62	0.82
tblVehicleEF	LDA	1.29	2.22
tblVehicleEF	LDA	266.01	281.79
tblVehicleEF	LDA	60.91	56.36
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.09	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003
tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003

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tblVehicleEF	LDA	2.0950e-003	1.8866e-003
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tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.08	0.27
tblVehicleEF	LDA	2.6640e-003	2.7877e-003
tblVehicleEF	LDA	6.3100e-004	5.5773e-004
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.09	0.29
tblVehicleEF	LDA	5.0810e-003	3.9168e-003
tblVehicleEF	LDA	5.4700e-003	0.05
tblVehicleEF	LDA	0.76	0.91
tblVehicleEF	LDA	1.14	1.89
tblVehicleEF	LDA	289.77	295.95
tblVehicleEF	LDA	60.91	55.74
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.19
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003

tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.13	0.12
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.07	0.24
tblVehicleEF	LDA	2.9040e-003	2.9279e-003
tblVehicleEF	LDA	6.2800e-004	5.5159e-004
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.13	0.12
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.08	0.26
tblVehicleEF	LDA	4.3110e-003	3.5693e-003
tblVehicleEF	LDA	6.4670e-003	0.06
tblVehicleEF	LDA	0.58	0.79
tblVehicleEF	LDA	1.32	2.28
tblVehicleEF	LDA	259.39	277.36
tblVehicleEF	LDA	60.91	56.47
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.09	0.21

tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003
tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.09	0.27
tblVehicleEF	LDA	2.5980e-003	2.7439e-003
tblVehicleEF	LDA	6.3200e-004	5.5885e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.10	0.30
tblVehicleEF	LDT1	0.01	9.4839e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.62	1.75
tblVehicleEF	LDT1	3.78	2.46
tblVehicleEF	LDT1	325.17	331.55

tblVehicleEF	LDT1	74.01	67.29
tblVehicleEF	LDT1	0.16	0.15
tblVehicleEF	LDT1	0.23	0.31
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.22	0.16
tblVehicleEF	LDT1	0.37	0.24
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.22	0.83
tblVehicleEF	LDT1	0.27	0.45
tblVehicleEF	LDT1	3.2720e-003	3.2808e-003
tblVehicleEF	LDT1	8.0700e-004	6.6594e-004
tblVehicleEF	LDT1	0.22	0.16
tblVehicleEF	LDT1	0.37	0.24
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	0.22	0.83
tblVehicleEF	LDT1	0.30	0.49
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	0.08

tblVehicleEF	LDT1	1.95	1.93
tblVehicleEF	LDT1	3.33	2.09
tblVehicleEF	LDT1	353.10	345.86
tblVehicleEF	LDT1	74.01	66.53
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.22	0.29
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.44	0.26
tblVehicleEF	LDT1	0.46	0.26
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.22	0.77
tblVehicleEF	LDT1	0.23	0.39
tblVehicleEF	LDT1	3.5570e-003	3.4225e-003
tblVehicleEF	LDT1	7.9900e-004	6.5837e-004
tblVehicleEF	LDT1	0.44	0.26
tblVehicleEF	LDT1	0.46	0.26
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.22	0.77

tblVehicleEF	LDT1	0.26	0.43
tblVehicleEF	LDT1	0.01	9.3109e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.52	1.70
tblVehicleEF	LDT1	3.84	2.53
tblVehicleEF	LDT1	316.88	326.99
tblVehicleEF	LDT1	74.01	67.43
tblVehicleEF	LDT1	0.16	0.15
tblVehicleEF	LDT1	0.23	0.31
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.41	0.28
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.28	0.46
tblVehicleEF	LDT1	3.1880e-003	3.2357e-003
tblVehicleEF	LDT1	8.0800e-004	6.6731e-004
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.41	0.28

tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.30	0.50
tblVehicleEF	LDT2	6.1110e-003	5.7338e-003
tblVehicleEF	LDT2	8.2750e-003	0.08
tblVehicleEF	LDT2	0.82	1.16
tblVehicleEF	LDT2	1.71	2.85
tblVehicleEF	LDT2	366.61	361.86
tblVehicleEF	LDT2	83.75	73.87
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.15	0.34
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.37
tblVehicleEF	LDT2	3.6730e-003	3.5801e-003

tblVehicleEF	LDT2	8.6600e-004	7.3103e-004
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.41
tblVehicleEF	LDT2	6.9350e-003	6.1404e-003
tblVehicleEF	LDT2	7.1890e-003	0.07
tblVehicleEF	LDT2	1.00	1.29
tblVehicleEF	LDT2	1.51	2.43
tblVehicleEF	LDT2	398.95	376.16
tblVehicleEF	LDT2	83.75	73.06
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.15	0.32
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.02	0.03

tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	3.9980e-003	3.7215e-003
tblVehicleEF	LDT2	8.6300e-004	7.2299e-004
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.11	0.36
tblVehicleEF	LDT2	5.8750e-003	5.6213e-003
tblVehicleEF	LDT2	8.5090e-003	0.08
tblVehicleEF	LDT2	0.76	1.12
tblVehicleEF	LDT2	1.74	2.93
tblVehicleEF	LDT2	356.95	357.31
tblVehicleEF	LDT2	83.75	74.02
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.15	0.34
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.06	0.08

tblVehicleEF	LDT2	0.14	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.08	0.51
tblVehicleEF	LDT2	0.11	0.38
tblVehicleEF	LDT2	3.5750e-003	3.5351e-003
tblVehicleEF	LDT2	8.6700e-004	7.3252e-004
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.14	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.51
tblVehicleEF	LDT2	0.13	0.42
tblVehicleEF	LHD1	5.6490e-003	5.8817e-003
tblVehicleEF	LHD1	0.01	6.7552e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.03	0.81
tblVehicleEF	LHD1	2.54	1.20
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.90
tblVehicleEF	LHD1	30.90	12.81
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.35	0.99
tblVehicleEF	LHD1	1.02	0.36
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08

tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	3.9460e-003	2.8668e-003
tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.9130e-003	1.6620e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.59
tblVehicleEF	LHD1	0.28	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6818e-003
tblVehicleEF	LHD1	3.5800e-004	1.2675e-004
tblVehicleEF	LHD1	3.9460e-003	2.8668e-003
tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.9130e-003	1.6620e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.31	0.59
tblVehicleEF	LHD1	0.30	0.10
tblVehicleEF	LHD1	5.6490e-003	5.8948e-003
tblVehicleEF	LHD1	0.01	6.8828e-003

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.05	0.82
tblVehicleEF	LHD1	2.42	1.14
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.92
tblVehicleEF	LHD1	30.90	12.71
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.21	0.93
tblVehicleEF	LHD1	0.98	0.35
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	7.3960e-003	4.3926e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.6890e-003	2.4883e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.58
tblVehicleEF	LHD1	0.27	0.09

tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6820e-003
tblVehicleEF	LHD1	3.5500e-004	1.2579e-004
tblVehicleEF	LHD1	7.3960e-003	4.3926e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.6890e-003	2.4883e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.31	0.58
tblVehicleEF	LHD1	0.29	0.10
tblVehicleEF	LHD1	5.6490e-003	5.8802e-003
tblVehicleEF	LHD1	0.01	6.7279e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.03	0.80
tblVehicleEF	LHD1	2.54	1.20
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.90
tblVehicleEF	LHD1	30.90	12.82
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.32	0.98
tblVehicleEF	LHD1	1.01	0.37
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004

tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	3.5540e-003	3.0437e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7480e-003	1.6710e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.28	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6818e-003
tblVehicleEF	LHD1	3.5800e-004	1.2686e-004
tblVehicleEF	LHD1	3.5540e-003	3.0437e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7480e-003	1.6710e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.30	0.10
tblVehicleEF	LHD2	3.8330e-003	4.1865e-003
tblVehicleEF	LHD2	5.1000e-003	4.7023e-003
tblVehicleEF	LHD2	9.1950e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55

tblVehicleEF	LHD2	1.23	0.82
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.41
tblVehicleEF	LHD2	23.90	9.98
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.94	1.23
tblVehicleEF	LHD2	0.56	0.25
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	1.5990e-003	1.7535e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.1500e-004	1.0288e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.38
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6672e-003
tblVehicleEF	LHD2	2.6200e-004	9.8743e-005

tblVehicleEF	LHD2	1.5990e-003	1.7535e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	8.1500e-004	1.0288e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.38
tblVehicleEF	LHD2	0.14	0.07
tblVehicleEF	LHD2	3.8330e-003	4.1958e-003
tblVehicleEF	LHD2	5.1600e-003	4.7587e-003
tblVehicleEF	LHD2	8.8690e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.18	0.78
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.42
tblVehicleEF	LHD2	23.90	9.91
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.83	1.16
tblVehicleEF	LHD2	0.54	0.24
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	3.0260e-003	2.6685e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5540e-003	1.5255e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.37
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6673e-003
tblVehicleEF	LHD2	2.6100e-004	9.8090e-005
tblVehicleEF	LHD2	3.0260e-003	2.6685e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	1.5540e-003	1.5255e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.37
tblVehicleEF	LHD2	0.13	0.07
tblVehicleEF	LHD2	3.8330e-003	4.1853e-003
tblVehicleEF	LHD2	5.0860e-003	4.6903e-003
tblVehicleEF	LHD2	9.2490e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.24	0.82
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.41

tblVehicleEF	LHD2	23.90	9.99
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.92	1.21
tblVehicleEF	LHD2	0.56	0.26
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	1.2860e-003	1.8367e-003
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.9100e-004	1.0189e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6671e-003
tblVehicleEF	LHD2	2.6200e-004	9.8819e-005
tblVehicleEF	LHD2	1.2860e-003	1.8367e-003
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.02	0.03

tblVehicleEF	LHD2	6.9100e-004	1.0189e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.14	0.07
tblVehicleEF	MCY	0.41	0.37
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.93	19.66
tblVehicleEF	MCY	9.66	8.48
tblVehicleEF	MCY	164.88	218.98
tblVehicleEF	MCY	46.70	60.53
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	1.68	1.17
tblVehicleEF	MCY	0.86	0.72
tblVehicleEF	MCY	0.93	0.71
tblVehicleEF	MCY	2.17	2.53
tblVehicleEF	MCY	0.58	2.13
tblVehicleEF	MCY	2.09	1.84
tblVehicleEF	MCY	2.0370e-003	2.1670e-003

tblVehicleEF	MCY	6.8600e-004	5.9901e-004
tblVehicleEF	MCY	1.68	1.17
tblVehicleEF	MCY	0.86	0.72
tblVehicleEF	MCY	0.93	0.71
tblVehicleEF	MCY	2.66	3.12
tblVehicleEF	MCY	0.58	2.13
tblVehicleEF	MCY	2.27	2.00
tblVehicleEF	MCY	0.41	0.36
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.66	19.00
tblVehicleEF	MCY	9.11	7.76
tblVehicleEF	MCY	164.88	217.72
tblVehicleEF	MCY	46.70	58.69
tblVehicleEF	MCY	0.98	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	3.35	1.93
tblVehicleEF	MCY	1.25	0.82
tblVehicleEF	MCY	2.10	1.23
tblVehicleEF	MCY	2.15	2.46

tblVehicleEF	MCY	0.58	2.01
tblVehicleEF	MCY	1.87	1.63
tblVehicleEF	MCY	2.0470e-003	2.1545e-003
tblVehicleEF	MCY	6.7100e-004	5.8079e-004
tblVehicleEF	MCY	3.35	1.93
tblVehicleEF	MCY	1.25	0.82
tblVehicleEF	MCY	2.10	1.23
tblVehicleEF	MCY	2.63	3.04
tblVehicleEF	MCY	0.58	2.01
tblVehicleEF	MCY	2.03	1.77
tblVehicleEF	MCY	0.41	0.37
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.43	19.68
tblVehicleEF	MCY	9.60	8.55
tblVehicleEF	MCY	164.88	219.04
tblVehicleEF	MCY	46.70	60.74
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	1.60	1.29

tblVehicleEF	MCY	1.06	0.93
tblVehicleEF	MCY	0.75	0.70
tblVehicleEF	MCY	2.17	2.54
tblVehicleEF	MCY	0.66	2.43
tblVehicleEF	MCY	2.10	1.87
tblVehicleEF	MCY	2.0290e-003	2.1676e-003
tblVehicleEF	MCY	6.8600e-004	6.0106e-004
tblVehicleEF	MCY	1.60	1.29
tblVehicleEF	MCY	1.06	0.93
tblVehicleEF	MCY	0.75	0.70
tblVehicleEF	MCY	2.66	3.13
tblVehicleEF	MCY	0.66	2.43
tblVehicleEF	MCY	2.28	2.03
tblVehicleEF	MDV	0.01	8.1275e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.58	1.49
tblVehicleEF	MDV	3.47	3.45
tblVehicleEF	MDV	501.88	442.94
tblVehicleEF	MDV	112.78	90.12
tblVehicleEF	MDV	0.19	0.15
tblVehicleEF	MDV	0.34	0.42
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003

tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.21	0.16
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.27	0.49
tblVehicleEF	MDV	5.0330e-003	4.3797e-003
tblVehicleEF	MDV	1.1890e-003	8.9179e-004
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.21	0.16
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.30	0.53
tblVehicleEF	MDV	0.02	8.6153e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.91	1.63
tblVehicleEF	MDV	3.08	2.93
tblVehicleEF	MDV	544.80	458.44
tblVehicleEF	MDV	112.78	89.12
tblVehicleEF	MDV	0.18	0.13
tblVehicleEF	MDV	0.33	0.39
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003

tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.22	0.15
tblVehicleEF	MDV	0.24	0.17
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.24	0.43
tblVehicleEF	MDV	5.4670e-003	4.5332e-003
tblVehicleEF	MDV	1.1820e-003	8.8191e-004
tblVehicleEF	MDV	0.22	0.15
tblVehicleEF	MDV	0.24	0.17
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.26	0.47
tblVehicleEF	MDV	0.01	7.9891e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.48	1.45
tblVehicleEF	MDV	3.54	3.54
tblVehicleEF	MDV	489.12	438.16
tblVehicleEF	MDV	112.78	90.29
tblVehicleEF	MDV	0.18	0.14
tblVehicleEF	MDV	0.34	0.42

tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.22	0.17
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.13	0.54
tblVehicleEF	MDV	0.28	0.50
tblVehicleEF	MDV	4.9040e-003	4.3324e-003
tblVehicleEF	MDV	1.1910e-003	8.9352e-004
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tblVehicleEF	MDV	0.22	0.17
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.13	0.54
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tblVehicleEF	MH	0.03	3.4654e-003
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tblVehicleEF	MH	3.14	0.32
tblVehicleEF	MH	6.37	0.00
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tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	9.9900e-003	9.3020e-003
tblVehicleEF	MH	7.0000e-004	0.00
tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
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tblVehicleEF	MH	0.03	0.00

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tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	3.01	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	1.11	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	9.9910e-003	9.3020e-003
tblVehicleEF	MH	6.9300e-004	0.00
tblVehicleEF	MH	3.01	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	1.11	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00

tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.12	0.32
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tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
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tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	9.9890e-003	9.3020e-003
tblVehicleEF	MH	7.0000e-004	0.00
tblVehicleEF	MH	1.67	0.00
tblVehicleEF	MH	0.11	0.00

tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MHD	0.02	4.2934e-003
tblVehicleEF	MHD	6.1240e-003	8.3332e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.43	0.38
tblVehicleEF	MHD	0.47	0.75
tblVehicleEF	MHD	6.54	1.42
tblVehicleEF	MHD	156.54	67.47
tblVehicleEF	MHD	1,067.94	1,101.43
tblVehicleEF	MHD	55.18	11.84
tblVehicleEF	MHD	1.06	0.60
tblVehicleEF	MHD	1.70	2.64
tblVehicleEF	MHD	11.65	1.02
tblVehicleEF	MHD	3.7720e-003	2.2012e-003
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.06	0.08
tblVehicleEF	MHD	8.1800e-004	1.3381e-004
tblVehicleEF	MHD	3.6080e-003	2.1060e-003
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	1.8750e-003	6.7885e-004

tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	9.0500e-004	4.1295e-004
tblVehicleEF	MHD	0.07	0.14
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.40	0.07
tblVehicleEF	MHD	1.5050e-003	6.4116e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6700e-004	1.1717e-004
tblVehicleEF	MHD	1.8750e-003	6.7885e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	9.0500e-004	4.1295e-004
tblVehicleEF	MHD	0.08	0.16
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.44	0.07
tblVehicleEF	MHD	0.02	4.0641e-003
tblVehicleEF	MHD	6.1890e-003	8.3939e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.31	0.30
tblVehicleEF	MHD	0.47	0.76
tblVehicleEF	MHD	6.24	1.35
tblVehicleEF	MHD	165.81	69.00
tblVehicleEF	MHD	1,067.94	1,101.45
tblVehicleEF	MHD	55.18	11.72
tblVehicleEF	MHD	1.10	0.61
tblVehicleEF	MHD	1.60	2.49

tblVehicleEF	MHD	11.62	1.02
tblVehicleEF	MHD	3.1790e-003	1.8578e-003
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.06	0.08
tblVehicleEF	MHD	8.1800e-004	1.3381e-004
tblVehicleEF	MHD	3.0420e-003	1.7774e-003
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	3.6340e-003	1.0371e-003
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.7950e-003	6.1744e-004
tblVehicleEF	MHD	0.07	0.14
tblVehicleEF	MHD	0.02	0.13
tblVehicleEF	MHD	0.38	0.06
tblVehicleEF	MHD	1.5920e-003	6.5574e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6100e-004	1.1597e-004
tblVehicleEF	MHD	3.6340e-003	1.0371e-003
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.7950e-003	6.1744e-004
tblVehicleEF	MHD	0.08	0.16
tblVehicleEF	MHD	0.02	0.13

tblVehicleEF	MHD	0.42	0.07
tblVehicleEF	MHD	0.02	4.6225e-003
tblVehicleEF	MHD	6.0850e-003	8.3163e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.60	0.49
tblVehicleEF	MHD	0.47	0.75
tblVehicleEF	MHD	6.63	1.43
tblVehicleEF	MHD	143.73	65.36
tblVehicleEF	MHD	1,067.94	1,101.43
tblVehicleEF	MHD	55.18	11.86
tblVehicleEF	MHD	1.01	0.59
tblVehicleEF	MHD	1.68	2.60
tblVehicleEF	MHD	11.66	1.02
tblVehicleEF	MHD	4.5890e-003	2.6754e-003
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.06	0.08
tblVehicleEF	MHD	8.1800e-004	1.3381e-004
tblVehicleEF	MHD	4.3910e-003	2.5596e-003
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	1.4650e-003	7.1674e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	7.2400e-004	4.1297e-004

tblVehicleEF	MHD	0.07	0.14
tblVehicleEF	MHD	0.02	0.15
tblVehicleEF	MHD	0.40	0.07
tblVehicleEF	MHD	1.3840e-003	6.2095e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6800e-004	1.1736e-004
tblVehicleEF	MHD	1.4650e-003	7.1674e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	7.2400e-004	4.1297e-004
tblVehicleEF	MHD	0.08	0.16
tblVehicleEF	MHD	0.02	0.15
tblVehicleEF	MHD	0.44	0.07
tblVehicleEF	OBUS	0.01	9.0789e-003
tblVehicleEF	OBUS	9.4560e-003	0.01
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.58
tblVehicleEF	OBUS	0.63	1.23
tblVehicleEF	OBUS	6.57	2.56
tblVehicleEF	OBUS	74.57	92.99
tblVehicleEF	OBUS	1,103.17	1,454.83
tblVehicleEF	OBUS	70.73	20.25
tblVehicleEF	OBUS	0.39	0.66
tblVehicleEF	OBUS	1.35	2.43
tblVehicleEF	OBUS	2.21	0.60
tblVehicleEF	OBUS	1.7700e-004	3.1503e-003
tblVehicleEF	OBUS	0.13	0.13

tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.1510e-003	0.05
tblVehicleEF	OBUS	8.2800e-004	2.0334e-004
tblVehicleEF	OBUS	1.6900e-004	3.0140e-003
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.8270e-003	0.05
tblVehicleEF	OBUS	7.6200e-004	1.8723e-004
tblVehicleEF	OBUS	2.2350e-003	1.9757e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	9.4600e-004	9.6790e-004
tblVehicleEF	OBUS	0.04	0.14
tblVehicleEF	OBUS	0.05	0.26
tblVehicleEF	OBUS	0.41	0.12
tblVehicleEF	OBUS	7.2400e-004	8.8498e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2300e-004	2.0041e-004
tblVehicleEF	OBUS	2.2350e-003	1.9757e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	9.4600e-004	9.6790e-004
tblVehicleEF	OBUS	0.06	0.17
tblVehicleEF	OBUS	0.05	0.26
tblVehicleEF	OBUS	0.45	0.14
tblVehicleEF	OBUS	0.01	9.0761e-003
tblVehicleEF	OBUS	9.6420e-003	0.01

tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.55
tblVehicleEF	OBUS	0.65	1.25
tblVehicleEF	OBUS	6.15	2.42
tblVehicleEF	OBUS	77.97	94.12
tblVehicleEF	OBUS	1,103.17	1,454.86
tblVehicleEF	OBUS	70.73	20.01
tblVehicleEF	OBUS	0.40	0.67
tblVehicleEF	OBUS	1.26	2.28
tblVehicleEF	OBUS	2.17	0.59
tblVehicleEF	OBUS	1.4900e-004	2.6601e-003
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.1510e-003	0.05
tblVehicleEF	OBUS	8.2800e-004	2.0334e-004
tblVehicleEF	OBUS	1.4300e-004	2.5450e-003
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.8270e-003	0.05
tblVehicleEF	OBUS	7.6200e-004	1.8723e-004
tblVehicleEF	OBUS	4.1760e-003	2.9545e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.8320e-003	1.4406e-003
tblVehicleEF	OBUS	0.04	0.14
tblVehicleEF	OBUS	0.05	0.25
tblVehicleEF	OBUS	0.39	0.12

tblVehicleEF	OBUS	7.5600e-004	8.9558e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	1.9799e-004
tblVehicleEF	OBUS	4.1760e-003	2.9545e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	1.8320e-003	1.4406e-003
tblVehicleEF	OBUS	0.06	0.17
tblVehicleEF	OBUS	0.05	0.25
tblVehicleEF	OBUS	0.43	0.13
tblVehicleEF	OBUS	0.01	9.1031e-003
tblVehicleEF	OBUS	9.4220e-003	0.01
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.29	0.63
tblVehicleEF	OBUS	0.63	1.23
tblVehicleEF	OBUS	6.63	2.58
tblVehicleEF	OBUS	69.87	91.44
tblVehicleEF	OBUS	1,103.17	1,454.82
tblVehicleEF	OBUS	70.73	20.29
tblVehicleEF	OBUS	0.37	0.66
tblVehicleEF	OBUS	1.34	2.38
tblVehicleEF	OBUS	2.21	0.60
tblVehicleEF	OBUS	2.1500e-004	3.8273e-003
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.1510e-003	0.05
tblVehicleEF	OBUS	8.2800e-004	2.0334e-004

tblVehicleEF	OBUS	2.0600e-004	3.6617e-003
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.8270e-003	0.05
tblVehicleEF	OBUS	7.6200e-004	1.8723e-004
tblVehicleEF	OBUS	1.9540e-003	2.0891e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	8.7300e-004	9.7037e-004
tblVehicleEF	OBUS	0.04	0.14
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	6.7900e-004	8.7034e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2400e-004	2.0080e-004
tblVehicleEF	OBUS	1.9540e-003	2.0891e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	8.7300e-004	9.7037e-004
tblVehicleEF	OBUS	0.06	0.17
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.45	0.14
tblVehicleEF	SBUS	0.85	0.07
tblVehicleEF	SBUS	0.01	9.0558e-003
tblVehicleEF	SBUS	0.06	6.4940e-003
tblVehicleEF	SBUS	7.81	2.72
tblVehicleEF	SBUS	0.66	0.79

tblVehicleEF	SBUS	6.73	0.92
tblVehicleEF	SBUS	1,154.91	356.52
tblVehicleEF	SBUS	1,108.94	1,135.70
tblVehicleEF	SBUS	53.24	5.46
tblVehicleEF	SBUS	10.58	3.53
tblVehicleEF	SBUS	4.99	5.58
tblVehicleEF	SBUS	12.59	0.70
tblVehicleEF	SBUS	0.01	5.3126e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.4200e-004	4.8524e-005
tblVehicleEF	SBUS	0.01	5.0828e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7000e-003	2.6797e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.0600e-004	4.4616e-005
tblVehicleEF	SBUS	4.5410e-003	1.0878e-003
tblVehicleEF	SBUS	0.03	8.9941e-003
tblVehicleEF	SBUS	0.94	0.32
tblVehicleEF	SBUS	2.0600e-003	5.3214e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.4013e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.4900e-004	5.4047e-005

tblVehicleEF	SBUS	4.5410e-003	1.0878e-003
tblVehicleEF	SBUS	0.03	8.9941e-003
tblVehicleEF	SBUS	1.35	0.46
tblVehicleEF	SBUS	2.0600e-003	5.3214e-004
tblVehicleEF	SBUS	0.13	0.14
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.40	0.04
tblVehicleEF	SBUS	0.85	0.07
tblVehicleEF	SBUS	0.01	9.1649e-003
tblVehicleEF	SBUS	0.05	5.7028e-003
tblVehicleEF	SBUS	7.67	2.68
tblVehicleEF	SBUS	0.67	0.80
tblVehicleEF	SBUS	4.88	0.73
tblVehicleEF	SBUS	1,207.92	366.39
tblVehicleEF	SBUS	1,108.94	1,135.72
tblVehicleEF	SBUS	53.24	5.15
tblVehicleEF	SBUS	10.92	3.62
tblVehicleEF	SBUS	4.69	5.26
tblVehicleEF	SBUS	12.56	0.70
tblVehicleEF	SBUS	0.01	4.4850e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.4200e-004	4.8524e-005
tblVehicleEF	SBUS	9.8070e-003	4.2910e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7000e-003	2.6797e-003

tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.0600e-004	4.4616e-005
tblVehicleEF	SBUS	8.2250e-003	1.6536e-003
tblVehicleEF	SBUS	0.03	9.1914e-003
tblVehicleEF	SBUS	0.93	0.32
tblVehicleEF	SBUS	3.8990e-003	8.1500e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.31	0.03
tblVehicleEF	SBUS	0.01	3.4945e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.1800e-004	5.0916e-005
tblVehicleEF	SBUS	8.2250e-003	1.6536e-003
tblVehicleEF	SBUS	0.03	9.1914e-003
tblVehicleEF	SBUS	1.35	0.46
tblVehicleEF	SBUS	3.8990e-003	8.1500e-004
tblVehicleEF	SBUS	0.13	0.14
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.34	0.04
tblVehicleEF	SBUS	0.85	0.07
tblVehicleEF	SBUS	0.01	9.0312e-003
tblVehicleEF	SBUS	0.07	6.6366e-003
tblVehicleEF	SBUS	7.99	2.78
tblVehicleEF	SBUS	0.66	0.78
tblVehicleEF	SBUS	7.09	0.94
tblVehicleEF	SBUS	1,081.70	342.89
tblVehicleEF	SBUS	1,108.94	1,135.69

tblVehicleEF	SBUS	53.24	5.51
tblVehicleEF	SBUS	10.11	3.41
tblVehicleEF	SBUS	4.94	5.49
tblVehicleEF	SBUS	12.59	0.70
tblVehicleEF	SBUS	0.01	6.4556e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.4200e-004	4.8524e-005
tblVehicleEF	SBUS	0.01	6.1763e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7000e-003	2.6797e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.0600e-004	4.4616e-005
tblVehicleEF	SBUS	4.1410e-003	1.1224e-003
tblVehicleEF	SBUS	0.03	9.8000e-003
tblVehicleEF	SBUS	0.94	0.32
tblVehicleEF	SBUS	1.9980e-003	5.3138e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.38	0.04
tblVehicleEF	SBUS	0.01	3.2726e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.5500e-004	5.4498e-005
tblVehicleEF	SBUS	4.1410e-003	1.1224e-003
tblVehicleEF	SBUS	0.03	9.8000e-003
tblVehicleEF	SBUS	1.35	0.46

tblVehicleEF	SBUS	1.9980e-003	5.3138e-004
tblVehicleEF	SBUS	0.13	0.14
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.42	0.04
tblVehicleEF	UBUS	1.60	6.04
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	10.35	38.44
tblVehicleEF	UBUS	16.43	0.97
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.92
tblVehicleEF	UBUS	5.46	1.54
tblVehicleEF	UBUS	12.53	0.12
tblVehicleEF	UBUS	0.50	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.01	9.5872e-004
tblVehicleEF	UBUS	0.13	0.01
tblVehicleEF	UBUS	5.4970e-003	6.5436e-004
tblVehicleEF	UBUS	0.64	0.14
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	1.28	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003

tblVehicleEF	UBUS	1.8570e-003	1.1798e-004
tblVehicleEF	UBUS	0.01	9.5872e-004
tblVehicleEF	UBUS	0.13	0.01
tblVehicleEF	UBUS	5.4970e-003	6.5436e-004
tblVehicleEF	UBUS	2.30	6.22
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	1.40	0.07
tblVehicleEF	UBUS	1.61	6.04
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	10.64	38.44
tblVehicleEF	UBUS	14.18	0.85
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.72
tblVehicleEF	UBUS	5.09	1.54
tblVehicleEF	UBUS	12.44	0.11
tblVehicleEF	UBUS	0.50	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.02	1.4178e-003
tblVehicleEF	UBUS	0.17	0.01
tblVehicleEF	UBUS	0.01	9.4757e-004
tblVehicleEF	UBUS	0.65	0.14

tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.17	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003
tblVehicleEF	UBUS	1.8170e-003	1.1596e-004
tblVehicleEF	UBUS	0.02	1.4178e-003
tblVehicleEF	UBUS	0.17	0.01
tblVehicleEF	UBUS	0.01	9.4757e-004
tblVehicleEF	UBUS	2.31	6.22
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.28	0.06
tblVehicleEF	UBUS	1.60	6.04
tblVehicleEF	UBUS	0.10	0.02
tblVehicleEF	UBUS	10.37	38.44
tblVehicleEF	UBUS	16.61	0.98
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.95
tblVehicleEF	UBUS	5.42	1.54
tblVehicleEF	UBUS	12.54	0.12
tblVehicleEF	UBUS	0.50	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.01	9.4530e-004

tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.7660e-003	6.2920e-004
tblVehicleEF	UBUS	0.64	0.14
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	1.29	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003
tblVehicleEF	UBUS	1.8600e-003	1.1829e-004
tblVehicleEF	UBUS	0.01	9.4530e-004
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.7660e-003	6.2920e-004
tblVehicleEF	UBUS	2.30	6.22
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	1.42	0.07
tblVehicleTrips	ST_TR	2.49	2.54
tblVehicleTrips	ST_TR	8.96	8.57
tblVehicleTrips	ST_TR	42.04	46.12
tblVehicleTrips	SU_TR	0.73	1.24
tblVehicleTrips	SU_TR	1.55	1.42
tblVehicleTrips	SU_TR	20.43	21.10
tblVehicleTrips	WD_TR	6.83	3.37
tblVehicleTrips	WD_TR	36.13	34.80
tblVehicleTrips	WD_TR	44.32	37.75

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					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2023	0.0000	0.0000	0.0000	0.0000	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**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2023	0.0000	0.0000	0.0000	0.0000	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**	**N20**	**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	21.6019	9.2000e-004	0.0993	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2115	0.2115	5.7000e-004		0.2257
Energy	0.0685	0.6230	0.5233	3.7400e-003		0.0474	0.0474		0.0474	0.0474		747.5720	747.5720	0.0143	0.0137	752.0144
Mobile	17.0285	62.6604	163.7902	0.5317	41.9335	0.9562	42.8897	11.1993	0.9063	12.1055		54,936.1028	54,936.1028	2.1672		54,990.2817
Total	**38.6989**	**63.2843**	**164.4129**	**0.5354**	**41.9335**	**1.0039**	**42.9374**	**11.1993**	**0.9540**	**12.1533**		**55,683.8863**	**55,683.8863**	**2.1821**	**0.0137**	**55,742.5219**

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	21.6019	9.2000e-004	0.0993	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2115	0.2115	5.7000e-004		0.2257
Energy	0.0685	0.6230	0.5233	3.7400e-003		0.0474	0.0474		0.0474	0.0474		747.5720	747.5720	0.0143	0.0137	752.0144
Mobile	17.0285	62.6604	163.7902	0.5317	41.9335	0.9562	42.8897	11.1993	0.9063	12.1055		54,936.1028	54,936.1028	2.1672		54,990.2817
Total	**38.6989**	**63.2843**	**164.4129**	**0.5354**	**41.9335**	**1.0039**	**42.9374**	**11.1993**	**0.9540**	**12.1533**		**55,683.8863**	**55,683.8863**	**2.1821**	**0.0137**	**55,742.5219**

	ROG	NOx	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	**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	6/30/2019	9/6/2019	5	50	
2	Site Preparation	Site Preparation	9/7/2019	10/18/2019	5	30	
3	Grading	Grading	10/19/2019	1/31/2020	5	75	
4	Building Construction	Building Construction	2/1/2020	12/2/2022	5	740	
5	Paving	Paving	12/3/2022	2/17/2023	5	55	
6	Architectural Coating	Architectural Coating	2/18/2023	5/5/2023	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	0.00	81	0.73
Demolition	Excavators	3	0.00	158	0.38
Demolition	Rubber Tired Dozers	2	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	0.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	0.00	97	0.37
Grading	Excavators	2	0.00	158	0.38
Grading	Graders	1	0.00	187	0.41
Grading	Rubber Tired Dozers	1	0.00	247	0.40
Grading	Scrapers	2	0.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	0.00	97	0.37
Building Construction	Cranes	1	0.00	231	0.29
Building Construction	Forklifts	3	0.00	89	0.20
Building Construction	Generator Sets	1	0.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	0.00	97	0.37
Building Construction	Welders	1	0.00	46	0.45
Paving	Pavers	2	0.00	130	0.42
Paving	Paving Equipment	2	0.00	132	0.36
Paving	Rollers	2	0.00	80	0.38
Architectural Coating	Air Compressors	1	0.00	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	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2019

Unmitigated Construction On-Site

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

3.2 Demolition - 2019

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.2 Demolition - 2019

Mitigated Construction Off-Site

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

3.3 Site Preparation - 2019

Unmitigated Construction On-Site

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

3.3 Site Preparation - 2019

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.3 Site Preparation - 2019

Mitigated Construction Off-Site

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

3.4 Grading - 2019

Unmitigated Construction On-Site

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

3.4 Grading - 2019

Unmitigated Construction Off-Site

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

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

3.4 Grading - 2019

Mitigated Construction Off-Site

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

3.4 Grading - 2020

Unmitigated Construction On-Site

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

3.4 Grading - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.4 Grading - 2020

Mitigated Construction Off-Site

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

3.5 Building Construction - 2020

Unmitigated Construction On-Site

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

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

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

3.5 Building Construction - 2021

Unmitigated Construction On-Site

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

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

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

3.5 Building Construction - 2022

Unmitigated Construction On-Site

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

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

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

3.6 Paving - 2022

Unmitigated Construction On-Site

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

3.6 Paving - 2022

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
Paving	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**

3.6 Paving - 2022

Mitigated Construction Off-Site

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

3.6 Paving - 2023

Unmitigated Construction On-Site

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

3.6 Paving - 2023

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
Paving	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**

3.6 Paving - 2023

Mitigated Construction Off-Site

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

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	17.0285	62.6604	163.7902	0.5317	41.9335	0.9562	42.8897	11.1993	0.9063	12.1055		54,936.1028	54,936.1028	2.1672		54,990.2817
Unmitigated	17.0285	62.6604	163.7902	0.5317	41.9335	0.9562	42.8897	11.1993	0.9063	12.1055		54,936.1028	54,936.1028	2.1672		54,990.2817

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	2,956.50	2,228.34	1087.85	10,282,353	10,282,353
Medical Office Building	1,811.69	446.15	73.93	3,549,332	3,549,332
Strip Mall	1,403.92	1,715.20	784.71	2,587,400	2,587,400
Total	6,172.11	4,389.70	1,946.49	16,419,086	16,419,086

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Industrial Park	16.60	8.40	6.90	59.00	28.00	13.00	79	19	2
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.539000	0.040000	0.185000	0.123000	0.018000	0.007000	0.018000	0.070000	0.000000	0.000000	0.000000	0.000000	0.000000
Medical Office Building	0.539000	0.040000	0.185000	0.123000	0.018000	0.007000	0.018000	0.070000	0.000000	0.000000	0.000000	0.000000	0.000000
Strip Mall	0.539000	0.040000	0.185000	0.123000	0.018000	0.007000	0.018000	0.070000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.0685	0.6230	0.5233	3.7400e-003		0.0474	0.0474		0.0474	0.0474		747.5720	747.5720	0.0143	0.0137	752.0144
NaturalGas Unmitigated	0.0685	0.6230	0.5233	3.7400e-003		0.0474	0.0474		0.0474	0.0474		747.5720	747.5720	0.0143	0.0137	752.0144

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					
Industrial Park	5840.64	0.0630	0.5726	0.4810	3.4400e-003		0.0435	0.0435		0.0435	0.0435		687.1343	687.1343	0.0132	0.0126	691.2176
Medical Office Building	346.625	3.7400e-003	0.0340	0.0286	2.0000e-004		2.5800e-003	2.5800e-003		2.5800e-003	2.5800e-003		40.7794	40.7794	7.8000e-004	7.5000e-004	41.0217
Strip Mall	167.096	1.8000e-003	0.0164	0.0138	1.0000e-004		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003		19.6583	19.6583	3.8000e-004	3.6000e-004	19.7752
Total		**0.0685**	**0.6230**	**0.5233**	**3.7400e-003**		**0.0474**	**0.0474**		**0.0474**	**0.0474**		**747.5720**	**747.5720**	**0.0143**	**0.0137**	**752.0144**

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					
Industrial Park	5.84064	0.0630	0.5726	0.4810	3.4400e-003		0.0435	0.0435		0.0435	0.0435		687.1343	687.1343	0.0132	0.0126	691.2176
Medical Office Building	0.346625	3.7400e-003	0.0340	0.0286	2.0000e-004		2.5800e-003	2.5800e-003		2.5800e-003	2.5800e-003		40.7794	40.7794	7.8000e-004	7.5000e-004	41.0217
Strip Mall	0.167096	1.8000e-003	0.0164	0.0138	1.0000e-004		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003		19.6583	19.6583	3.8000e-004	3.6000e-004	19.7752
Total		**0.0685**	**0.6230**	**0.5233**	**3.7400e-003**		**0.0474**	**0.0474**		**0.0474**	**0.0474**		**747.5720**	**747.5720**	**0.0143**	**0.0137**	**752.0144**

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	21.6019	9.2000e-004	0.0993	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2115	0.2115	5.7000e-004		0.2257
Unmitigated	21.6019	9.2000e-004	0.0993	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2115	0.2115	5.7000e-004		0.2257

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	2.4548					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	19.1377					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.3400e-003	9.2000e-004	0.0993	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2115	0.2115	5.7000e-004		0.2257
Total	**21.6019**	**9.2000e-004**	**0.0993**	**1.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**		**0.2115**	**0.2115**	**5.7000e-004**		**0.2257**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.4548					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	19.1377					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.3400e-003	9.2000e-004	0.0993	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2115	0.2115	5.7000e-004		0.2257
Total	**21.6019**	**9.2000e-004**	**0.0993**	**1.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**		**0.2115**	**0.2115**	**5.7000e-004**		**0.2257**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

12928 Sun Lakes Village North Specific Plan Amendment No. 6 Proposed 2020 Operational Run

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	52.06	1000sqft	4.00	52,065.00	0
Industrial Park	877.30	1000sqft	40.28	877,298.00	0
Strip Mall	37.19	1000sqft	2.83	37,189.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Per land use plan

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Off-road Equipment - Operations only

Trips and VMT - Operations only

On-road Fugitive Dust - Operations only

Grading - Operations only

Architectural Coating - Operations

Vehicle Trips - ITE 10th Generation

Energy Use - 2019 Title 24 Standards

Fleet Mix - Only cars and trucks present on site

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	483,276.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,449,828.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	0.00
tblArchitecturalCoating	EF_Parking	100.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	50.00	0.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	0.00
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	5.61	3.92

tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	4.58	3.20
tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	1.92	1.34
tblFleetMix	HHD	0.07	0.07
tblFleetMix	HHD	0.07	0.07
tblFleetMix	HHD	0.07	0.07
tblFleetMix	LDA	0.54	0.54
tblFleetMix	LDA	0.54	0.54
tblFleetMix	LDA	0.54	0.54
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.18	0.19
tblFleetMix	LDT2	0.18	0.19
tblFleetMix	LDT2	0.18	0.19
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	5.3390e-003	7.0000e-003
tblFleetMix	LHD2	5.3390e-003	7.0000e-003
tblFleetMix	LHD2	5.3390e-003	7.0000e-003
tblFleetMix	MCY	4.6290e-003	0.00
tblFleetMix	MCY	4.6290e-003	0.00
tblFleetMix	MCY	4.6290e-003	0.00

tblFleetMix	MDV	0.12	0.12
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MH	1.1200e-003	0.00
tblFleetMix	MH	1.1200e-003	0.00
tblFleetMix	MH	1.1200e-003	0.00
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	OBUS	1.3650e-003	0.00
tblFleetMix	OBUS	1.3650e-003	0.00
tblFleetMix	OBUS	1.3650e-003	0.00
tblFleetMix	SBUS	9.5900e-004	0.00
tblFleetMix	SBUS	9.5900e-004	0.00
tblFleetMix	SBUS	9.5900e-004	0.00
tblFleetMix	UBUS	1.2130e-003	0.00
tblFleetMix	UBUS	1.2130e-003	0.00
tblFleetMix	UBUS	1.2130e-003	0.00
tblGrading	MeanVehicleSpeed	7.10	0.00
tblGrading	MeanVehicleSpeed	7.10	0.00
tblLandUse	LandUseSquareFeet	52,060.00	52,065.00
tblLandUse	LandUseSquareFeet	877,300.00	877,298.00
tblLandUse	LandUseSquareFeet	37,190.00	37,189.00
tblLandUse	LotAcreage	1.20	4.00
tblLandUse	LotAcreage	20.14	40.28
tblLandUse	LotAcreage	0.85	2.83
tblOffRoadEquipment	UsageHours	6.00	0.00

tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblTripsAndVMT	VendorTripNumber	158.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00

tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	397.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	79.00	0.00
tblVehicleEF	HHD	1.50	0.03
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.11	4.6629e-007
tblVehicleEF	HHD	3.46	5.53
tblVehicleEF	HHD	0.46	0.76
tblVehicleEF	HHD	1.51	9.4864e-003
tblVehicleEF	HHD	6,555.40	1,119.65
tblVehicleEF	HHD	1,477.34	1,531.38
tblVehicleEF	HHD	4.68	0.09
tblVehicleEF	HHD	27.96	6.29
tblVehicleEF	HHD	3.07	4.45
tblVehicleEF	HHD	20.33	1.79
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	4.0000e-005	2.1559e-006
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8710e-003	8.8586e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	3.7000e-005	1.9942e-006
tblVehicleEF	HHD	9.2000e-005	8.7614e-006

tblVehicleEF	HHD	2.7720e-003	3.5026e-004
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tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.2000e-005	8.9814e-007
tblVehicleEF	HHD	9.2000e-005	8.7614e-006
tblVehicleEF	HHD	2.7720e-003	3.5026e-004
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tblVehicleEF	HHD	0.11	0.25
tblVehicleEF	HHD	1.9500e-004	1.7747e-003
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tblVehicleEF	HHD	1,477.34	1,531.38
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tblVehicleEF	HHD	28.85	6.16
tblVehicleEF	HHD	2.90	4.21

tblVehicleEF	HHD	20.32	1.79
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	4.0000e-005	2.1559e-006
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8710e-003	8.8586e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	3.7000e-005	1.9942e-006
tblVehicleEF	HHD	1.7900e-004	1.4432e-005
tblVehicleEF	HHD	3.1980e-003	3.6287e-004
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tblVehicleEF	HHD	0.07	0.14
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tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	8.9058e-007
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tblVehicleEF	HHD	0.97	0.54
tblVehicleEF	HHD	1.0100e-004	9.8546e-006
tblVehicleEF	HHD	0.11	0.25
tblVehicleEF	HHD	2.0100e-004	1.7655e-003

tblVehicleEF	HHD	0.05	2.5774e-006
tblVehicleEF	HHD	1.62	0.02
tblVehicleEF	HHD	0.03	6.4690e-003
tblVehicleEF	HHD	0.11	4.6976e-007
tblVehicleEF	HHD	4.76	5.65
tblVehicleEF	HHD	0.46	0.56
tblVehicleEF	HHD	1.51	9.5464e-003
tblVehicleEF	HHD	6,023.73	1,099.62
tblVehicleEF	HHD	1,477.34	1,476.92
tblVehicleEF	HHD	4.68	0.09
tblVehicleEF	HHD	26.74	6.35
tblVehicleEF	HHD	3.05	4.31
tblVehicleEF	HHD	20.33	1.79
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	4.0000e-005	2.1559e-006
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8710e-003	8.7195e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	3.7000e-005	1.9942e-006
tblVehicleEF	HHD	7.4000e-005	9.2695e-006
tblVehicleEF	HHD	2.9910e-003	4.0976e-004
tblVehicleEF	HHD	0.96	0.43
tblVehicleEF	HHD	4.5000e-005	6.0706e-006

tblVehicleEF	HHD	0.07	0.14
tblVehicleEF	HHD	2.0800e-004	1.8772e-003
tblVehicleEF	HHD	0.05	2.4672e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.2000e-005	8.9908e-007
tblVehicleEF	HHD	7.4000e-005	9.2695e-006
tblVehicleEF	HHD	2.9910e-003	4.0976e-004
tblVehicleEF	HHD	1.11	0.49
tblVehicleEF	HHD	4.5000e-005	6.0706e-006
tblVehicleEF	HHD	0.11	0.16
tblVehicleEF	HHD	2.0800e-004	1.8772e-003
tblVehicleEF	HHD	0.06	2.7013e-006
tblVehicleEF	LDA	4.4730e-003	3.6439e-003
tblVehicleEF	LDA	6.2970e-003	0.06
tblVehicleEF	LDA	0.62	0.82
tblVehicleEF	LDA	1.29	2.22
tblVehicleEF	LDA	266.01	281.79
tblVehicleEF	LDA	60.91	56.36
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.09	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003
tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003

tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.08	0.27
tblVehicleEF	LDA	2.6640e-003	2.7877e-003
tblVehicleEF	LDA	6.3100e-004	5.5773e-004
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.09	0.29
tblVehicleEF	LDA	5.0810e-003	3.9168e-003
tblVehicleEF	LDA	5.4700e-003	0.05
tblVehicleEF	LDA	0.76	0.91
tblVehicleEF	LDA	1.14	1.89
tblVehicleEF	LDA	289.77	295.95
tblVehicleEF	LDA	60.91	55.74
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.19
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003

tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.13	0.12
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.07	0.24
tblVehicleEF	LDA	2.9040e-003	2.9279e-003
tblVehicleEF	LDA	6.2800e-004	5.5159e-004
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.13	0.12
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.08	0.26
tblVehicleEF	LDA	4.3110e-003	3.5693e-003
tblVehicleEF	LDA	6.4670e-003	0.06
tblVehicleEF	LDA	0.58	0.79
tblVehicleEF	LDA	1.32	2.28
tblVehicleEF	LDA	259.39	277.36
tblVehicleEF	LDA	60.91	56.47
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.09	0.21

tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.6430e-003	1.9039e-003
tblVehicleEF	LDA	2.2790e-003	2.0517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5150e-003	1.7542e-003
tblVehicleEF	LDA	2.0950e-003	1.8866e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.09	0.27
tblVehicleEF	LDA	2.5980e-003	2.7439e-003
tblVehicleEF	LDA	6.3200e-004	5.5885e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.10	0.30
tblVehicleEF	LDT1	0.01	9.4839e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.62	1.75
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tblVehicleEF	LDT1	325.17	331.55

tblVehicleEF	LDT1	74.01	67.29
tblVehicleEF	LDT1	0.16	0.15
tblVehicleEF	LDT1	0.23	0.31
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.22	0.16
tblVehicleEF	LDT1	0.37	0.24
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.22	0.83
tblVehicleEF	LDT1	0.27	0.45
tblVehicleEF	LDT1	3.2720e-003	3.2808e-003
tblVehicleEF	LDT1	8.0700e-004	6.6594e-004
tblVehicleEF	LDT1	0.22	0.16
tblVehicleEF	LDT1	0.37	0.24
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	0.22	0.83
tblVehicleEF	LDT1	0.30	0.49
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	0.08

tblVehicleEF	LDT1	1.95	1.93
tblVehicleEF	LDT1	3.33	2.09
tblVehicleEF	LDT1	353.10	345.86
tblVehicleEF	LDT1	74.01	66.53
tblVehicleEF	LDT1	0.15	0.13
tblVehicleEF	LDT1	0.22	0.29
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.44	0.26
tblVehicleEF	LDT1	0.46	0.26
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.22	0.77
tblVehicleEF	LDT1	0.23	0.39
tblVehicleEF	LDT1	3.5570e-003	3.4225e-003
tblVehicleEF	LDT1	7.9900e-004	6.5837e-004
tblVehicleEF	LDT1	0.44	0.26
tblVehicleEF	LDT1	0.46	0.26
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.22	0.77

tblVehicleEF	LDT1	0.26	0.43
tblVehicleEF	LDT1	0.01	9.3109e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.52	1.70
tblVehicleEF	LDT1	3.84	2.53
tblVehicleEF	LDT1	316.88	326.99
tblVehicleEF	LDT1	74.01	67.43
tblVehicleEF	LDT1	0.16	0.15
tblVehicleEF	LDT1	0.23	0.31
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.6810e-003	2.9968e-003
tblVehicleEF	LDT1	3.8960e-003	3.0637e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.4680e-003	2.7581e-003
tblVehicleEF	LDT1	3.5830e-003	2.8173e-003
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.41	0.28
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.28	0.46
tblVehicleEF	LDT1	3.1880e-003	3.2357e-003
tblVehicleEF	LDT1	8.0800e-004	6.6731e-004
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.41	0.28

tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.30	0.50
tblVehicleEF	LDT2	6.1110e-003	5.7338e-003
tblVehicleEF	LDT2	8.2750e-003	0.08
tblVehicleEF	LDT2	0.82	1.16
tblVehicleEF	LDT2	1.71	2.85
tblVehicleEF	LDT2	366.61	361.86
tblVehicleEF	LDT2	83.75	73.87
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.15	0.34
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.37
tblVehicleEF	LDT2	3.6730e-003	3.5801e-003

tblVehicleEF	LDT2	8.6600e-004	7.3103e-004
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.41
tblVehicleEF	LDT2	6.9350e-003	6.1404e-003
tblVehicleEF	LDT2	7.1890e-003	0.07
tblVehicleEF	LDT2	1.00	1.29
tblVehicleEF	LDT2	1.51	2.43
tblVehicleEF	LDT2	398.95	376.16
tblVehicleEF	LDT2	83.75	73.06
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.15	0.32
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.02	0.03

tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	3.9980e-003	3.7215e-003
tblVehicleEF	LDT2	8.6300e-004	7.2299e-004
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.11	0.36
tblVehicleEF	LDT2	5.8750e-003	5.6213e-003
tblVehicleEF	LDT2	8.5090e-003	0.08
tblVehicleEF	LDT2	0.76	1.12
tblVehicleEF	LDT2	1.74	2.93
tblVehicleEF	LDT2	356.95	357.31
tblVehicleEF	LDT2	83.75	74.02
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.15	0.34
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.6030e-003	1.9687e-003
tblVehicleEF	LDT2	2.3200e-003	2.0527e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.4740e-003	1.8118e-003
tblVehicleEF	LDT2	2.1330e-003	1.8875e-003
tblVehicleEF	LDT2	0.06	0.08

tblVehicleEF	LDT2	0.14	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.08	0.51
tblVehicleEF	LDT2	0.11	0.38
tblVehicleEF	LDT2	3.5750e-003	3.5351e-003
tblVehicleEF	LDT2	8.6700e-004	7.3252e-004
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.14	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.51
tblVehicleEF	LDT2	0.13	0.42
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tblVehicleEF	LHD1	0.01	6.7552e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.03	0.81
tblVehicleEF	LHD1	2.54	1.20
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.90
tblVehicleEF	LHD1	30.90	12.81
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.35	0.99
tblVehicleEF	LHD1	1.02	0.36
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08

tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	3.9460e-003	2.8668e-003
tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.9130e-003	1.6620e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.59
tblVehicleEF	LHD1	0.28	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6818e-003
tblVehicleEF	LHD1	3.5800e-004	1.2675e-004
tblVehicleEF	LHD1	3.9460e-003	2.8668e-003
tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.9130e-003	1.6620e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.31	0.59
tblVehicleEF	LHD1	0.30	0.10
tblVehicleEF	LHD1	5.6490e-003	5.8948e-003
tblVehicleEF	LHD1	0.01	6.8828e-003

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.05	0.82
tblVehicleEF	LHD1	2.42	1.14
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.92
tblVehicleEF	LHD1	30.90	12.71
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.21	0.93
tblVehicleEF	LHD1	0.98	0.35
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004
tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	7.3960e-003	4.3926e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.6890e-003	2.4883e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.58
tblVehicleEF	LHD1	0.27	0.09

tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6820e-003
tblVehicleEF	LHD1	3.5500e-004	1.2579e-004
tblVehicleEF	LHD1	7.3960e-003	4.3926e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.6890e-003	2.4883e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.31	0.58
tblVehicleEF	LHD1	0.29	0.10
tblVehicleEF	LHD1	5.6490e-003	5.8802e-003
tblVehicleEF	LHD1	0.01	6.7279e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.03	0.80
tblVehicleEF	LHD1	2.54	1.20
tblVehicleEF	LHD1	9.27	9.09
tblVehicleEF	LHD1	612.92	683.90
tblVehicleEF	LHD1	30.90	12.82
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	2.32	0.98
tblVehicleEF	LHD1	1.01	0.37
tblVehicleEF	LHD1	9.6900e-004	7.3831e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.6122e-003
tblVehicleEF	LHD1	0.01	7.9104e-003
tblVehicleEF	LHD1	9.2500e-004	3.0835e-004

tblVehicleEF	LHD1	9.2700e-004	7.0637e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5280e-003	2.4030e-003
tblVehicleEF	LHD1	0.01	7.5385e-003
tblVehicleEF	LHD1	8.5100e-004	2.8391e-004
tblVehicleEF	LHD1	3.5540e-003	3.0437e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7480e-003	1.6710e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.28	0.09
tblVehicleEF	LHD1	9.3000e-005	8.8350e-005
tblVehicleEF	LHD1	6.0140e-003	6.6818e-003
tblVehicleEF	LHD1	3.5800e-004	1.2686e-004
tblVehicleEF	LHD1	3.5540e-003	3.0437e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7480e-003	1.6710e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.30	0.10
tblVehicleEF	LHD2	3.8330e-003	4.1865e-003
tblVehicleEF	LHD2	5.1000e-003	4.7023e-003
tblVehicleEF	LHD2	9.1950e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55

tblVehicleEF	LHD2	1.23	0.82
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.41
tblVehicleEF	LHD2	23.90	9.98
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.94	1.23
tblVehicleEF	LHD2	0.56	0.25
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	1.5990e-003	1.7535e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.1500e-004	1.0288e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.38
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6672e-003
tblVehicleEF	LHD2	2.6200e-004	9.8743e-005

tblVehicleEF	LHD2	1.5990e-003	1.7535e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	8.1500e-004	1.0288e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.38
tblVehicleEF	LHD2	0.14	0.07
tblVehicleEF	LHD2	3.8330e-003	4.1958e-003
tblVehicleEF	LHD2	5.1600e-003	4.7587e-003
tblVehicleEF	LHD2	8.8690e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.18	0.78
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.42
tblVehicleEF	LHD2	23.90	9.91
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.83	1.16
tblVehicleEF	LHD2	0.54	0.24
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	3.0260e-003	2.6685e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5540e-003	1.5255e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.37
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6673e-003
tblVehicleEF	LHD2	2.6100e-004	9.8090e-005
tblVehicleEF	LHD2	3.0260e-003	2.6685e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	1.5540e-003	1.5255e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.37
tblVehicleEF	LHD2	0.13	0.07
tblVehicleEF	LHD2	3.8330e-003	4.1853e-003
tblVehicleEF	LHD2	5.0860e-003	4.6903e-003
tblVehicleEF	LHD2	9.2490e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.56	0.55
tblVehicleEF	LHD2	1.24	0.82
tblVehicleEF	LHD2	14.53	13.75
tblVehicleEF	LHD2	609.83	688.41

tblVehicleEF	LHD2	23.90	9.99
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	1.92	1.21
tblVehicleEF	LHD2	0.56	0.26
tblVehicleEF	LHD2	1.3510e-003	1.2196e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.1000e-004	1.7139e-004
tblVehicleEF	LHD2	1.2930e-003	1.1669e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6930e-003	2.6175e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7700e-004	1.5759e-004
tblVehicleEF	LHD2	1.2860e-003	1.8367e-003
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.9100e-004	1.0189e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	1.4200e-004	1.3193e-004
tblVehicleEF	LHD2	5.9300e-003	6.6671e-003
tblVehicleEF	LHD2	2.6200e-004	9.8819e-005
tblVehicleEF	LHD2	1.2860e-003	1.8367e-003
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.02	0.03

tblVehicleEF	LHD2	6.9100e-004	1.0189e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.14	0.07
tblVehicleEF	MCY	0.41	0.37
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.93	19.66
tblVehicleEF	MCY	9.66	8.48
tblVehicleEF	MCY	164.88	218.98
tblVehicleEF	MCY	46.70	60.53
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	1.68	1.17
tblVehicleEF	MCY	0.86	0.72
tblVehicleEF	MCY	0.93	0.71
tblVehicleEF	MCY	2.17	2.53
tblVehicleEF	MCY	0.58	2.13
tblVehicleEF	MCY	2.09	1.84
tblVehicleEF	MCY	2.0370e-003	2.1670e-003

tblVehicleEF	MCY	6.8600e-004	5.9901e-004
tblVehicleEF	MCY	1.68	1.17
tblVehicleEF	MCY	0.86	0.72
tblVehicleEF	MCY	0.93	0.71
tblVehicleEF	MCY	2.66	3.12
tblVehicleEF	MCY	0.58	2.13
tblVehicleEF	MCY	2.27	2.00
tblVehicleEF	MCY	0.41	0.36
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.66	19.00
tblVehicleEF	MCY	9.11	7.76
tblVehicleEF	MCY	164.88	217.72
tblVehicleEF	MCY	46.70	58.69
tblVehicleEF	MCY	0.98	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	3.35	1.93
tblVehicleEF	MCY	1.25	0.82
tblVehicleEF	MCY	2.10	1.23
tblVehicleEF	MCY	2.15	2.46

tblVehicleEF	MCY	0.58	2.01
tblVehicleEF	MCY	1.87	1.63
tblVehicleEF	MCY	2.0470e-003	2.1545e-003
tblVehicleEF	MCY	6.7100e-004	5.8079e-004
tblVehicleEF	MCY	3.35	1.93
tblVehicleEF	MCY	1.25	0.82
tblVehicleEF	MCY	2.10	1.23
tblVehicleEF	MCY	2.63	3.04
tblVehicleEF	MCY	0.58	2.01
tblVehicleEF	MCY	2.03	1.77
tblVehicleEF	MCY	0.41	0.37
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.43	19.68
tblVehicleEF	MCY	9.60	8.55
tblVehicleEF	MCY	164.88	219.04
tblVehicleEF	MCY	46.70	60.74
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	1.7160e-003	2.1582e-003
tblVehicleEF	MCY	3.4600e-003	3.3391e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.6070e-003	2.0200e-003
tblVehicleEF	MCY	3.2650e-003	3.1505e-003
tblVehicleEF	MCY	1.60	1.29

tblVehicleEF	MCY	1.06	0.93
tblVehicleEF	MCY	0.75	0.70
tblVehicleEF	MCY	2.17	2.54
tblVehicleEF	MCY	0.66	2.43
tblVehicleEF	MCY	2.10	1.87
tblVehicleEF	MCY	2.0290e-003	2.1676e-003
tblVehicleEF	MCY	6.8600e-004	6.0106e-004
tblVehicleEF	MCY	1.60	1.29
tblVehicleEF	MCY	1.06	0.93
tblVehicleEF	MCY	0.75	0.70
tblVehicleEF	MCY	2.66	3.13
tblVehicleEF	MCY	0.66	2.43
tblVehicleEF	MCY	2.28	2.03
tblVehicleEF	MDV	0.01	8.1275e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.58	1.49
tblVehicleEF	MDV	3.47	3.45
tblVehicleEF	MDV	501.88	442.94
tblVehicleEF	MDV	112.78	90.12
tblVehicleEF	MDV	0.19	0.15
tblVehicleEF	MDV	0.34	0.42
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003

tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.21	0.16
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.27	0.49
tblVehicleEF	MDV	5.0330e-003	4.3797e-003
tblVehicleEF	MDV	1.1890e-003	8.9179e-004
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.21	0.16
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.30	0.53
tblVehicleEF	MDV	0.02	8.6153e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.91	1.63
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tblVehicleEF	MDV	544.80	458.44
tblVehicleEF	MDV	112.78	89.12
tblVehicleEF	MDV	0.18	0.13
tblVehicleEF	MDV	0.33	0.39
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003

tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.22	0.15
tblVehicleEF	MDV	0.24	0.17
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.24	0.43
tblVehicleEF	MDV	5.4670e-003	4.5332e-003
tblVehicleEF	MDV	1.1820e-003	8.8191e-004
tblVehicleEF	MDV	0.22	0.15
tblVehicleEF	MDV	0.24	0.17
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.26	0.47
tblVehicleEF	MDV	0.01	7.9891e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.48	1.45
tblVehicleEF	MDV	3.54	3.54
tblVehicleEF	MDV	489.12	438.16
tblVehicleEF	MDV	112.78	90.29
tblVehicleEF	MDV	0.18	0.14
tblVehicleEF	MDV	0.34	0.42

tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.7360e-003	2.1447e-003
tblVehicleEF	MDV	2.5110e-003	2.2597e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.6010e-003	1.9788e-003
tblVehicleEF	MDV	2.3110e-003	2.0799e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.22	0.17
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.13	0.54
tblVehicleEF	MDV	0.28	0.50
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tblVehicleEF	MDV	1.1910e-003	8.9352e-004
tblVehicleEF	MDV	0.09	0.09
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tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.13	0.54
tblVehicleEF	MDV	0.31	0.54
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.14	0.32
tblVehicleEF	MH	6.37	0.00
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tblVehicleEF	MH	1.76	4.09
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	9.9900e-003	9.3020e-003
tblVehicleEF	MH	7.0000e-004	0.00
tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00

tblVehicleEF	MH	3.24	0.32
tblVehicleEF	MH	5.95	0.00
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tblVehicleEF	MH	1.63	3.87
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	3.01	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	1.11	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	9.9910e-003	9.3020e-003
tblVehicleEF	MH	6.9300e-004	0.00
tblVehicleEF	MH	3.01	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	1.11	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00

tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.03	3.4654e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.12	0.32
tblVehicleEF	MH	6.40	0.00
tblVehicleEF	MH	1,005.77	983.97
tblVehicleEF	MH	58.82	0.00
tblVehicleEF	MH	1.74	4.02
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.05	0.11
tblVehicleEF	MH	1.2480e-003	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	1.1520e-003	0.00
tblVehicleEF	MH	1.67	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.11	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	9.9890e-003	9.3020e-003
tblVehicleEF	MH	7.0000e-004	0.00
tblVehicleEF	MH	1.67	0.00
tblVehicleEF	MH	0.11	0.00

tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.15	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MHD	0.02	4.2934e-003
tblVehicleEF	MHD	6.1240e-003	8.3332e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.43	0.38
tblVehicleEF	MHD	0.47	0.75
tblVehicleEF	MHD	6.54	1.42
tblVehicleEF	MHD	156.54	67.47
tblVehicleEF	MHD	1,067.94	1,101.43
tblVehicleEF	MHD	55.18	11.84
tblVehicleEF	MHD	1.06	0.60
tblVehicleEF	MHD	1.70	2.64
tblVehicleEF	MHD	11.65	1.02
tblVehicleEF	MHD	3.7720e-003	2.2012e-003
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.06	0.08
tblVehicleEF	MHD	8.1800e-004	1.3381e-004
tblVehicleEF	MHD	3.6080e-003	2.1060e-003
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	1.8750e-003	6.7885e-004

tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
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tblVehicleEF	MHD	0.07	0.14
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.40	0.07
tblVehicleEF	MHD	1.5050e-003	6.4116e-004
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tblVehicleEF	MHD	6.6700e-004	1.1717e-004
tblVehicleEF	MHD	1.8750e-003	6.7885e-004
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tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	9.0500e-004	4.1295e-004
tblVehicleEF	MHD	0.08	0.16
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.44	0.07
tblVehicleEF	MHD	0.02	4.0641e-003
tblVehicleEF	MHD	6.1890e-003	8.3939e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.31	0.30
tblVehicleEF	MHD	0.47	0.76
tblVehicleEF	MHD	6.24	1.35
tblVehicleEF	MHD	165.81	69.00
tblVehicleEF	MHD	1,067.94	1,101.45
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tblVehicleEF	MHD	1.10	0.61
tblVehicleEF	MHD	1.60	2.49

tblVehicleEF	MHD	11.62	1.02
tblVehicleEF	MHD	3.1790e-003	1.8578e-003
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.06	0.08
tblVehicleEF	MHD	8.1800e-004	1.3381e-004
tblVehicleEF	MHD	3.0420e-003	1.7774e-003
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tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.7950e-003	6.1744e-004
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tblVehicleEF	MHD	1.5920e-003	6.5574e-004
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tblVehicleEF	MHD	6.6100e-004	1.1597e-004
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tblVehicleEF	MHD	0.02	0.13

tblVehicleEF	MHD	0.42	0.07
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tblVehicleEF	MHD	1,067.94	1,101.43
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tblVehicleEF	MHD	0.06	0.08
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tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	0.05	0.07
tblVehicleEF	MHD	7.5200e-004	1.2303e-004
tblVehicleEF	MHD	1.4650e-003	7.1674e-004
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tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	7.2400e-004	4.1297e-004

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tblVehicleEF	MHD	0.01	0.01
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tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	7.2400e-004	4.1297e-004
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tblVehicleEF	OBUS	7.1510e-003	0.05
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tblVehicleEF	OBUS	1.6900e-004	3.0140e-003
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.8270e-003	0.05
tblVehicleEF	OBUS	7.6200e-004	1.8723e-004
tblVehicleEF	OBUS	2.2350e-003	1.9757e-003
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tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	9.4600e-004	9.6790e-004
tblVehicleEF	OBUS	0.04	0.14
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tblVehicleEF	OBUS	2.2350e-003	1.9757e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	9.4600e-004	9.6790e-004
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tblVehicleEF	OBUS	4.1760e-003	2.9545e-003
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tblVehicleEF	OBUS	7.1510e-003	0.05
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tblVehicleEF	OBUS	6.8270e-003	0.05
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tblVehicleEF	UBUS	1.28	0.06
tblVehicleEF	UBUS	1.60	6.04
tblVehicleEF	UBUS	0.10	0.02
tblVehicleEF	UBUS	10.37	38.44
tblVehicleEF	UBUS	16.61	0.98
tblVehicleEF	UBUS	1,836.48	1,950.83
tblVehicleEF	UBUS	155.92	11.95
tblVehicleEF	UBUS	5.42	1.54
tblVehicleEF	UBUS	12.54	0.12
tblVehicleEF	UBUS	0.50	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.06	3.7716e-003
tblVehicleEF	UBUS	1.6630e-003	5.1939e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.6074e-003
tblVehicleEF	UBUS	0.06	3.6040e-003
tblVehicleEF	UBUS	1.5380e-003	4.7756e-005
tblVehicleEF	UBUS	0.01	9.4530e-004

tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.7660e-003	6.2920e-004
tblVehicleEF	UBUS	0.64	0.14
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	1.29	0.06
tblVehicleEF	UBUS	0.01	2.3968e-003
tblVehicleEF	UBUS	1.8600e-003	1.1829e-004
tblVehicleEF	UBUS	0.01	9.4530e-004
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.7660e-003	6.2920e-004
tblVehicleEF	UBUS	2.30	6.22
tblVehicleEF	UBUS	0.03	0.08
tblVehicleEF	UBUS	1.42	0.07
tblVehicleTrips	ST_TR	2.49	2.54
tblVehicleTrips	ST_TR	8.96	8.57
tblVehicleTrips	ST_TR	42.04	46.12
tblVehicleTrips	SU_TR	0.73	1.24
tblVehicleTrips	SU_TR	1.55	1.42
tblVehicleTrips	SU_TR	20.43	21.10
tblVehicleTrips	WD_TR	6.83	3.37
tblVehicleTrips	WD_TR	36.13	34.80
tblVehicleTrips	WD_TR	44.32	37.75

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					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2023	0.0000	0.0000	0.0000	0.0000	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**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2023	0.0000	0.0000	0.0000	0.0000	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**	**N20**	**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	21.6019	9.2000e-004	0.0993	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2115	0.2115	5.7000e-004		0.2257
Energy	0.0685	0.6230	0.5233	3.7400e-003		0.0474	0.0474		0.0474	0.0474		747.5720	747.5720	0.0143	0.0137	752.0144
Mobile	17.2572	65.1327	152.9926	0.5120	41.9208	0.9570	42.8779	11.1947	0.9070	12.1017		52,468.1353	52,468.1353	1.5250		52,506.2610
Total	**38.9276**	**65.7566**	**153.6152**	**0.5157**	**41.9208**	**1.0047**	**42.9256**	**11.1947**	**0.9547**	**12.1494**		**53,215.9188**	**53,215.9188**	**1.5399**	**0.0137**	**53,258.5011**

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	21.6019	9.2000e-004	0.0993	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2115	0.2115	5.7000e-004		0.2257
Energy	0.0685	0.6230	0.5233	3.7400e-003		0.0474	0.0474		0.0474	0.0474		747.5720	747.5720	0.0143	0.0137	752.0144
Mobile	17.2572	65.1327	152.9926	0.5120	41.9208	0.9570	42.8779	11.1947	0.9070	12.1017		52,468.1353	52,468.1353	1.5250		52,506.2610
Total	**38.9276**	**65.7566**	**153.6152**	**0.5157**	**41.9208**	**1.0047**	**42.9256**	**11.1947**	**0.9547**	**12.1494**		**53,215.9188**	**53,215.9188**	**1.5399**	**0.0137**	**53,258.5011**

	ROG	NOx	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	**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	6/30/2019	9/6/2019	5	50	
2	Site Preparation	Site Preparation	9/7/2019	10/18/2019	5	30	
3	Grading	Grading	10/19/2019	1/31/2020	5	75	
4	Building Construction	Building Construction	2/1/2020	12/2/2022	5	740	
5	Paving	Paving	12/3/2022	2/17/2023	5	55	
6	Architectural Coating	Architectural Coating	2/18/2023	5/5/2023	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	0.00	81	0.73
Demolition	Excavators	3	0.00	158	0.38
Demolition	Rubber Tired Dozers	2	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	0.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	0.00	97	0.37
Grading	Excavators	2	0.00	158	0.38
Grading	Graders	1	0.00	187	0.41
Grading	Rubber Tired Dozers	1	0.00	247	0.40
Grading	Scrapers	2	0.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	0.00	97	0.37
Building Construction	Cranes	1	0.00	231	0.29
Building Construction	Forklifts	3	0.00	89	0.20
Building Construction	Generator Sets	1	0.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	0.00	97	0.37
Building Construction	Welders	1	0.00	46	0.45
Paving	Pavers	2	0.00	130	0.42
Paving	Paving Equipment	2	0.00	132	0.36
Paving	Rollers	2	0.00	80	0.38
Architectural Coating	Air Compressors	1	0.00	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	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2019

Unmitigated Construction On-Site

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

3.2 Demolition - 2019

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.2 Demolition - 2019

Mitigated Construction Off-Site

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

3.3 Site Preparation - 2019

Unmitigated Construction On-Site

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

3.3 Site Preparation - 2019

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.3 Site Preparation - 2019

Mitigated Construction Off-Site

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

3.4 Grading - 2019

Unmitigated Construction On-Site

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

3.4 Grading - 2019

Unmitigated Construction Off-Site

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

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

3.4 Grading - 2019

Mitigated Construction Off-Site

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

3.4 Grading - 2020

Unmitigated Construction On-Site

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

3.4 Grading - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.4 Grading - 2020

Mitigated Construction Off-Site

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

3.5 Building Construction - 2020

Unmitigated Construction On-Site

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

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

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

3.5 Building Construction - 2021

Unmitigated Construction On-Site

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

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

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

3.5 Building Construction - 2022

Unmitigated Construction On-Site

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

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
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**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

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

3.6 Paving - 2022

Unmitigated Construction On-Site

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

3.6 Paving - 2022

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
Paving	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**

3.6 Paving - 2022

Mitigated Construction Off-Site

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

3.6 Paving - 2023

Unmitigated Construction On-Site

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

3.6 Paving - 2023

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
Paving	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**

3.6 Paving - 2023

Mitigated Construction Off-Site

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

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	17.2572	65.1327	152.9926	0.5120	41.9208	0.9570	42.8779	11.1947	0.9070	12.1017		52,468.1353	52,468.1353	1.5250		52,506.2610
Unmitigated	17.2572	65.1327	152.9926	0.5120	41.9208	0.9570	42.8779	11.1947	0.9070	12.1017		52,468.1353	52,468.1353	1.5250		52,506.2610

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	2,956.50	2,228.34	1087.85	10,282,353	10,282,353
Medical Office Building	1,811.69	446.15	73.93	3,549,332	3,549,332
Strip Mall	1,403.92	1,715.20	784.71	2,587,400	2,587,400
Total	6,172.11	4,389.70	1,946.49	16,419,086	16,419,086

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Industrial Park	16.60	8.40	6.90	59.00	28.00	13.00	79	19	2
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.539000	0.040000	0.185000	0.123000	0.018000	0.007000	0.018000	0.070000	0.000000	0.000000	0.000000	0.000000	0.000000
Medical Office Building	0.539000	0.040000	0.185000	0.123000	0.018000	0.007000	0.018000	0.070000	0.000000	0.000000	0.000000	0.000000	0.000000
Strip Mall	0.539000	0.040000	0.185000	0.123000	0.018000	0.007000	0.018000	0.070000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.0685	0.6230	0.5233	3.7400e-003		0.0474	0.0474		0.0474	0.0474		747.5720	747.5720	0.0143	0.0137	752.0144
NaturalGas Unmitigated	0.0685	0.6230	0.5233	3.7400e-003		0.0474	0.0474		0.0474	0.0474		747.5720	747.5720	0.0143	0.0137	752.0144

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					
Industrial Park	5840.64	0.0630	0.5726	0.4810	3.4400e-003		0.0435	0.0435		0.0435	0.0435		687.1343	687.1343	0.0132	0.0126	691.2176
Medical Office Building	346.625	3.7400e-003	0.0340	0.0286	2.0000e-004		2.5800e-003	2.5800e-003		2.5800e-003	2.5800e-003		40.7794	40.7794	7.8000e-004	7.5000e-004	41.0217
Strip Mall	167.096	1.8000e-003	0.0164	0.0138	1.0000e-004		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003		19.6583	19.6583	3.8000e-004	3.6000e-004	19.7752
Total		**0.0685**	**0.6230**	**0.5233**	**3.7400e-003**		**0.0474**	**0.0474**		**0.0474**	**0.0474**		**747.5720**	**747.5720**	**0.0143**	**0.0137**	**752.0144**

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					
Industrial Park	5.84064	0.0630	0.5726	0.4810	3.4400e-003		0.0435	0.0435		0.0435	0.0435		687.1343	687.1343	0.0132	0.0126	691.2176
Medical Office Building	0.346625	3.7400e-003	0.0340	0.0286	2.0000e-004		2.5800e-003	2.5800e-003		2.5800e-003	2.5800e-003		40.7794	40.7794	7.8000e-004	7.5000e-004	41.0217
Strip Mall	0.167096	1.8000e-003	0.0164	0.0138	1.0000e-004		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003		19.6583	19.6583	3.8000e-004	3.6000e-004	19.7752
Total		**0.0685**	**0.6230**	**0.5233**	**3.7400e-003**		**0.0474**	**0.0474**		**0.0474**	**0.0474**		**747.5720**	**747.5720**	**0.0143**	**0.0137**	**752.0144**

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	21.6019	9.2000e-004	0.0993	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2115	0.2115	5.7000e-004		0.2257
Unmitigated	21.6019	9.2000e-004	0.0993	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2115	0.2115	5.7000e-004		0.2257

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	2.4548					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	19.1377					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.3400e-003	9.2000e-004	0.0993	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2115	0.2115	5.7000e-004		0.2257
Total	**21.6019**	**9.2000e-004**	**0.0993**	**1.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**		**0.2115**	**0.2115**	**5.7000e-004**		**0.2257**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.4548					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	19.1377					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.3400e-003	9.2000e-004	0.0993	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2115	0.2115	5.7000e-004		0.2257
Total	**21.6019**	**9.2000e-004**	**0.0993**	**1.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**		**0.2115**	**0.2115**	**5.7000e-004**		**0.2257**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation