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**APPENDIX B2**

**CalEEMod INPUT AND RESULTS FOR GREENHOUSE GAS  
EMISSIONS ANALYSIS**

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7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

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**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	100.00	Space	0.90	40,000.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	30
<b>Climate Zone</b>	8			<b>Operational Year</b>	2025
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use -

Construction Phase - Const. start and end dates

Vehicle Trips - Based on Traffic Study

Vehicle Emission Factors - Considering only light duty vehicles.

Vehicle Emission Factors - Considering only light duty vehicles.

Vehicle Emission Factors - Considering only light duty vehicles.

Area Coating - SCAQMD - Rule AC

Construction Off-road Equipment Mitigation -

Area Mitigation - SCAQMD

Fleet Mix - Fleet Mix Total= 1

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Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	5.00	20.00
tblConstructionPhase	NumDays	100.00	300.00
tblConstructionPhase	NumDays	2.00	30.00
tblConstructionPhase	NumDays	5.00	20.00
tblConstructionPhase	NumDays	1.00	10.00
tblFleetMix	HHD	4.9260e-003	0.00
tblFleetMix	LDA	0.55	0.69
tblFleetMix	LDT1	0.06	0.08
tblFleetMix	LDT2	0.19	0.23
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.6790e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.8010e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	6.6200e-004	0.00
tblFleetMix	SBUS	7.0500e-004	0.00
tblFleetMix	UBUS	3.7800e-004	0.00
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.15	0.00
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	6.06	0.00
tblVehicleEF	HHD	0.66	0.00
tblVehicleEF	HHD	0.01	0.00
tblVehicleEF	HHD	994.96	0.00

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tblVehicleEF	HHD	1,350.21	0.00
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	0.16	0.00
tblVehicleEF	HHD	0.22	0.00
tblVehicleEF	HHD	1.1000e-005	0.00
tblVehicleEF	HHD	5.21	0.00
tblVehicleEF	HHD	2.40	0.00
tblVehicleEF	HHD	2.48	0.00
tblVehicleEF	HHD	2.8300e-003	0.00
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.02	0.00
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	2.7080e-003	0.00
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	8.7610e-003	0.00
tblVehicleEF	HHD	0.02	0.00
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	1.3900e-004	0.00
tblVehicleEF	HHD	0.40	0.00
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.00
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	4.0000e-006	0.00
tblVehicleEF	HHD	9.0760e-003	0.00
tblVehicleEF	HHD	0.01	0.00
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	3.0000e-006	0.00

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	HHD	1.3900e-004	0.00
tblVehicleEF	HHD	0.47	0.00
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.18	0.00
tblVehicleEF	HHD	5.6000e-005	0.00
tblVehicleEF	HHD	4.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.15	0.00
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	5.98	0.00
tblVehicleEF	HHD	0.66	0.00
tblVehicleEF	HHD	9.7150e-003	0.00
tblVehicleEF	HHD	983.91	0.00
tblVehicleEF	HHD	1,350.21	0.00
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	0.16	0.00
tblVehicleEF	HHD	0.22	0.00
tblVehicleEF	HHD	1.1000e-005	0.00
tblVehicleEF	HHD	4.99	0.00
tblVehicleEF	HHD	2.27	0.00
tblVehicleEF	HHD	2.47	0.00
tblVehicleEF	HHD	2.4660e-003	0.00
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.02	0.00
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	2.3590e-003	0.00
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	8.7610e-003	0.00

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tblVehicleEF	HHD	0.02	0.00
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	5.0000e-006	0.00
tblVehicleEF	HHD	1.4100e-004	0.00
tblVehicleEF	HHD	0.43	0.00
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.00
tblVehicleEF	HHD	5.5000e-005	0.00
tblVehicleEF	HHD	4.0000e-006	0.00
tblVehicleEF	HHD	8.9730e-003	0.00
tblVehicleEF	HHD	0.01	0.00
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	5.0000e-006	0.00
tblVehicleEF	HHD	1.4100e-004	0.00
tblVehicleEF	HHD	0.50	0.00
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.18	0.00
tblVehicleEF	HHD	5.5000e-005	0.00
tblVehicleEF	HHD	4.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	0.15	0.00
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	6.19	0.00
tblVehicleEF	HHD	0.66	0.00
tblVehicleEF	HHD	0.01	0.00
tblVehicleEF	HHD	1,010.23	0.00
tblVehicleEF	HHD	1,350.21	0.00
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	0.16	0.00

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tblVehicleEF	HHD	0.22	0.00
tblVehicleEF	HHD	1.1000e-005	0.00
tblVehicleEF	HHD	5.53	0.00
tblVehicleEF	HHD	2.36	0.00
tblVehicleEF	HHD	2.48	0.00
tblVehicleEF	HHD	3.3340e-003	0.00
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.02	0.00
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	3.1900e-003	0.00
tblVehicleEF	HHD	0.03	0.00
tblVehicleEF	HHD	8.7610e-003	0.00
tblVehicleEF	HHD	0.02	0.00
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	1.5200e-004	0.00
tblVehicleEF	HHD	0.37	0.00
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.00
tblVehicleEF	HHD	6.0000e-005	0.00
tblVehicleEF	HHD	4.0000e-006	0.00
tblVehicleEF	HHD	9.2190e-003	0.00
tblVehicleEF	HHD	0.01	0.00
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	1.5200e-004	0.00
tblVehicleEF	HHD	0.43	0.00
tblVehicleEF	HHD	2.0000e-006	0.00

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tblVehicleEF	HHD	0.18	0.00
tblVehicleEF	HHD	6.0000e-005	0.00
tblVehicleEF	HHD	4.0000e-006	0.00
tblVehicleEF	LHD1	4.9870e-003	0.00
tblVehicleEF	LHD1	3.3360e-003	0.00
tblVehicleEF	LHD1	0.01	0.00
tblVehicleEF	LHD1	0.18	0.00
tblVehicleEF	LHD1	0.38	0.00
tblVehicleEF	LHD1	0.93	0.00
tblVehicleEF	LHD1	8.79	0.00
tblVehicleEF	LHD1	621.11	0.00
tblVehicleEF	LHD1	11.08	0.00
tblVehicleEF	LHD1	7.6100e-004	0.00
tblVehicleEF	LHD1	0.04	0.00
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	0.52	0.00
tblVehicleEF	LHD1	0.28	0.00
tblVehicleEF	LHD1	8.6300e-004	0.00
tblVehicleEF	LHD1	0.08	0.00
tblVehicleEF	LHD1	9.8410e-003	0.00
tblVehicleEF	LHD1	6.1240e-003	0.00
tblVehicleEF	LHD1	2.1400e-004	0.00
tblVehicleEF	LHD1	8.2500e-004	0.00
tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	2.4600e-003	0.00
tblVehicleEF	LHD1	5.8360e-003	0.00
tblVehicleEF	LHD1	1.9700e-004	0.00
tblVehicleEF	LHD1	1.7860e-003	0.00



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tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	1.1920e-003	0.00
tblVehicleEF	LHD1	0.04	0.00
tblVehicleEF	LHD1	0.14	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	8.5000e-005	0.00
tblVehicleEF	LHD1	6.0550e-003	0.00
tblVehicleEF	LHD1	1.1000e-004	0.00
tblVehicleEF	LHD1	1.7860e-003	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	1.1920e-003	0.00
tblVehicleEF	LHD1	0.04	0.00
tblVehicleEF	LHD1	0.14	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	4.9970e-003	0.00
tblVehicleEF	LHD1	3.3830e-003	0.00
tblVehicleEF	LHD1	0.01	0.00
tblVehicleEF	LHD1	0.18	0.00
tblVehicleEF	LHD1	0.38	0.00
tblVehicleEF	LHD1	0.89	0.00
tblVehicleEF	LHD1	8.79	0.00
tblVehicleEF	LHD1	621.12	0.00
tblVehicleEF	LHD1	11.01	0.00
tblVehicleEF	LHD1	7.6300e-004	0.00
tblVehicleEF	LHD1	0.04	0.00
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	0.06	0.00

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tblVehicleEF	LHD1	0.49	0.00
tblVehicleEF	LHD1	0.27	0.00
tblVehicleEF	LHD1	8.6300e-004	0.00
tblVehicleEF	LHD1	0.08	0.00
tblVehicleEF	LHD1	9.8410e-003	0.00
tblVehicleEF	LHD1	6.1240e-003	0.00
tblVehicleEF	LHD1	2.1400e-004	0.00
tblVehicleEF	LHD1	8.2500e-004	0.00
tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	2.4600e-003	0.00
tblVehicleEF	LHD1	5.8360e-003	0.00
tblVehicleEF	LHD1	1.9700e-004	0.00
tblVehicleEF	LHD1	2.4970e-003	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	1.6080e-003	0.00
tblVehicleEF	LHD1	0.04	0.00
tblVehicleEF	LHD1	0.14	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	8.5000e-005	0.00
tblVehicleEF	LHD1	6.0550e-003	0.00
tblVehicleEF	LHD1	1.0900e-004	0.00
tblVehicleEF	LHD1	2.4970e-003	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	1.6080e-003	0.00
tblVehicleEF	LHD1	0.04	0.00
tblVehicleEF	LHD1	0.14	0.00
tblVehicleEF	LHD1	0.06	0.00

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tblVehicleEF	LHD1	4.9850e-003	0.00
tblVehicleEF	LHD1	3.3230e-003	0.00
tblVehicleEF	LHD1	0.01	0.00
tblVehicleEF	LHD1	0.18	0.00
tblVehicleEF	LHD1	0.38	0.00
tblVehicleEF	LHD1	0.93	0.00
tblVehicleEF	LHD1	8.79	0.00
tblVehicleEF	LHD1	621.11	0.00
tblVehicleEF	LHD1	11.09	0.00
tblVehicleEF	LHD1	7.6100e-004	0.00
tblVehicleEF	LHD1	0.04	0.00
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	0.51	0.00
tblVehicleEF	LHD1	0.28	0.00
tblVehicleEF	LHD1	8.6300e-004	0.00
tblVehicleEF	LHD1	0.08	0.00
tblVehicleEF	LHD1	9.8410e-003	0.00
tblVehicleEF	LHD1	6.1240e-003	0.00
tblVehicleEF	LHD1	2.1400e-004	0.00
tblVehicleEF	LHD1	8.2500e-004	0.00
tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	2.4600e-003	0.00
tblVehicleEF	LHD1	5.8360e-003	0.00
tblVehicleEF	LHD1	1.9700e-004	0.00
tblVehicleEF	LHD1	1.8230e-003	0.00
tblVehicleEF	LHD1	0.07	0.00
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	1.1980e-003	0.00

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tblVehicleEF	LHD1	0.04	0.00
tblVehicleEF	LHD1	0.16	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	8.5000e-005	0.00
tblVehicleEF	LHD1	6.0550e-003	0.00
tblVehicleEF	LHD1	1.1000e-004	0.00
tblVehicleEF	LHD1	1.8230e-003	0.00
tblVehicleEF	LHD1	0.07	0.00
tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	1.1980e-003	0.00
tblVehicleEF	LHD1	0.04	0.00
tblVehicleEF	LHD1	0.16	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD2	3.5550e-003	0.00
tblVehicleEF	LHD2	2.6750e-003	0.00
tblVehicleEF	LHD2	8.3360e-003	0.00
tblVehicleEF	LHD2	0.15	0.00
tblVehicleEF	LHD2	0.29	0.00
tblVehicleEF	LHD2	0.62	0.00
tblVehicleEF	LHD2	13.37	0.00
tblVehicleEF	LHD2	629.56	0.00
tblVehicleEF	LHD2	8.62	0.00
tblVehicleEF	LHD2	1.5950e-003	0.00
tblVehicleEF	LHD2	0.05	0.00
tblVehicleEF	LHD2	0.02	0.00
tblVehicleEF	LHD2	0.08	0.00
tblVehicleEF	LHD2	0.59	0.00
tblVehicleEF	LHD2	0.20	0.00
tblVehicleEF	LHD2	1.3060e-003	0.00

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tblVehicleEF	LHD2	0.09	0.00
tblVehicleEF	LHD2	0.01	0.00
tblVehicleEF	LHD2	9.5240e-003	0.00
tblVehicleEF	LHD2	1.2300e-004	0.00
tblVehicleEF	LHD2	1.2490e-003	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	2.6550e-003	0.00
tblVehicleEF	LHD2	9.0990e-003	0.00
tblVehicleEF	LHD2	1.1400e-004	0.00
tblVehicleEF	LHD2	1.1380e-003	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	0.02	0.00
tblVehicleEF	LHD2	7.9000e-004	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	0.08	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	1.2800e-004	0.00
tblVehicleEF	LHD2	6.0870e-003	0.00
tblVehicleEF	LHD2	8.5000e-005	0.00
tblVehicleEF	LHD2	1.1380e-003	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	0.02	0.00
tblVehicleEF	LHD2	7.9000e-004	0.00
tblVehicleEF	LHD2	0.05	0.00
tblVehicleEF	LHD2	0.08	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	3.5620e-003	0.00
tblVehicleEF	LHD2	2.6960e-003	0.00
tblVehicleEF	LHD2	8.0750e-003	0.00

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tblVehicleEF	LHD2	0.15	0.00
tblVehicleEF	LHD2	0.29	0.00
tblVehicleEF	LHD2	0.59	0.00
tblVehicleEF	LHD2	13.37	0.00
tblVehicleEF	LHD2	629.57	0.00
tblVehicleEF	LHD2	8.58	0.00
tblVehicleEF	LHD2	1.5970e-003	0.00
tblVehicleEF	LHD2	0.05	0.00
tblVehicleEF	LHD2	0.02	0.00
tblVehicleEF	LHD2	0.08	0.00
tblVehicleEF	LHD2	0.55	0.00
tblVehicleEF	LHD2	0.19	0.00
tblVehicleEF	LHD2	1.3060e-003	0.00
tblVehicleEF	LHD2	0.09	0.00
tblVehicleEF	LHD2	0.01	0.00
tblVehicleEF	LHD2	9.5240e-003	0.00
tblVehicleEF	LHD2	1.2300e-004	0.00
tblVehicleEF	LHD2	1.2490e-003	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	2.6550e-003	0.00
tblVehicleEF	LHD2	9.0990e-003	0.00
tblVehicleEF	LHD2	1.1400e-004	0.00
tblVehicleEF	LHD2	1.5940e-003	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	0.02	0.00
tblVehicleEF	LHD2	1.0670e-003	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	0.08	0.00
tblVehicleEF	LHD2	0.04	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	LHD2	1.2800e-004	0.00
tblVehicleEF	LHD2	6.0870e-003	0.00
tblVehicleEF	LHD2	8.5000e-005	0.00
tblVehicleEF	LHD2	1.5940e-003	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	0.02	0.00
tblVehicleEF	LHD2	1.0670e-003	0.00
tblVehicleEF	LHD2	0.05	0.00
tblVehicleEF	LHD2	0.08	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	3.5530e-003	0.00
tblVehicleEF	LHD2	2.6690e-003	0.00
tblVehicleEF	LHD2	8.3900e-003	0.00
tblVehicleEF	LHD2	0.15	0.00
tblVehicleEF	LHD2	0.29	0.00
tblVehicleEF	LHD2	0.62	0.00
tblVehicleEF	LHD2	13.37	0.00
tblVehicleEF	LHD2	629.56	0.00
tblVehicleEF	LHD2	8.63	0.00
tblVehicleEF	LHD2	1.5950e-003	0.00
tblVehicleEF	LHD2	0.05	0.00
tblVehicleEF	LHD2	0.02	0.00
tblVehicleEF	LHD2	0.08	0.00
tblVehicleEF	LHD2	0.58	0.00
tblVehicleEF	LHD2	0.20	0.00
tblVehicleEF	LHD2	1.3060e-003	0.00
tblVehicleEF	LHD2	0.09	0.00
tblVehicleEF	LHD2	0.01	0.00
tblVehicleEF	LHD2	9.5240e-003	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	LHD2	1.2300e-004	0.00
tblVehicleEF	LHD2	1.2490e-003	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	2.6550e-003	0.00
tblVehicleEF	LHD2	9.0990e-003	0.00
tblVehicleEF	LHD2	1.1400e-004	0.00
tblVehicleEF	LHD2	1.1350e-003	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	0.02	0.00
tblVehicleEF	LHD2	7.8000e-004	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	0.09	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	1.2800e-004	0.00
tblVehicleEF	LHD2	6.0870e-003	0.00
tblVehicleEF	LHD2	8.5000e-005	0.00
tblVehicleEF	LHD2	1.1350e-003	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	0.02	0.00
tblVehicleEF	LHD2	7.8000e-004	0.00
tblVehicleEF	LHD2	0.05	0.00
tblVehicleEF	LHD2	0.09	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	MCY	0.35	0.00
tblVehicleEF	MCY	0.23	0.00
tblVehicleEF	MCY	17.97	0.00
tblVehicleEF	MCY	8.52	0.00
tblVehicleEF	MCY	214.62	0.00
tblVehicleEF	MCY	58.88	0.00



7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MCY	0.06	0.00
tblVehicleEF	MCY	0.02	0.00
tblVehicleEF	MCY	1.12	0.00
tblVehicleEF	MCY	0.26	0.00
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MCY	4.0000e-003	0.00
tblVehicleEF	MCY	2.2670e-003	0.00
tblVehicleEF	MCY	2.9890e-003	0.00
tblVehicleEF	MCY	5.0400e-003	0.00
tblVehicleEF	MCY	1.0000e-003	0.00
tblVehicleEF	MCY	2.1160e-003	0.00
tblVehicleEF	MCY	2.8040e-003	0.00
tblVehicleEF	MCY	1.14	0.00
tblVehicleEF	MCY	0.67	0.00
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.34	0.00
tblVehicleEF	MCY	0.52	0.00
tblVehicleEF	MCY	1.78	0.00
tblVehicleEF	MCY	2.1240e-003	0.00
tblVehicleEF	MCY	5.8300e-004	0.00
tblVehicleEF	MCY	1.14	0.00
tblVehicleEF	MCY	0.67	0.00
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.92	0.00
tblVehicleEF	MCY	0.52	0.00
tblVehicleEF	MCY	1.94	0.00
tblVehicleEF	MCY	0.34	0.00
tblVehicleEF	MCY	0.21	0.00
tblVehicleEF	MCY	17.33	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MCY	7.79	0.00
tblVehicleEF	MCY	213.42	0.00
tblVehicleEF	MCY	57.11	0.00
tblVehicleEF	MCY	0.06	0.00
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MCY	0.98	0.00
tblVehicleEF	MCY	0.25	0.00
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MCY	4.0000e-003	0.00
tblVehicleEF	MCY	2.2670e-003	0.00
tblVehicleEF	MCY	2.9890e-003	0.00
tblVehicleEF	MCY	5.0400e-003	0.00
tblVehicleEF	MCY	1.0000e-003	0.00
tblVehicleEF	MCY	2.1160e-003	0.00
tblVehicleEF	MCY	2.8040e-003	0.00
tblVehicleEF	MCY	1.72	0.00
tblVehicleEF	MCY	0.72	0.00
tblVehicleEF	MCY	1.10	0.00
tblVehicleEF	MCY	2.29	0.00
tblVehicleEF	MCY	0.49	0.00
tblVehicleEF	MCY	1.60	0.00
tblVehicleEF	MCY	2.1120e-003	0.00
tblVehicleEF	MCY	5.6500e-004	0.00
tblVehicleEF	MCY	1.72	0.00
tblVehicleEF	MCY	0.72	0.00
tblVehicleEF	MCY	1.10	0.00
tblVehicleEF	MCY	2.86	0.00
tblVehicleEF	MCY	0.49	0.00
tblVehicleEF	MCY	1.74	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MCY	0.35	0.00
tblVehicleEF	MCY	0.24	0.00
tblVehicleEF	MCY	18.07	0.00
tblVehicleEF	MCY	8.64	0.00
tblVehicleEF	MCY	214.80	0.00
tblVehicleEF	MCY	59.19	0.00
tblVehicleEF	MCY	0.06	0.00
tblVehicleEF	MCY	0.02	0.00
tblVehicleEF	MCY	1.09	0.00
tblVehicleEF	MCY	0.27	0.00
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MCY	4.0000e-003	0.00
tblVehicleEF	MCY	2.2670e-003	0.00
tblVehicleEF	MCY	2.9890e-003	0.00
tblVehicleEF	MCY	5.0400e-003	0.00
tblVehicleEF	MCY	1.0000e-003	0.00
tblVehicleEF	MCY	2.1160e-003	0.00
tblVehicleEF	MCY	2.8040e-003	0.00
tblVehicleEF	MCY	1.27	0.00
tblVehicleEF	MCY	0.86	0.00
tblVehicleEF	MCY	0.74	0.00
tblVehicleEF	MCY	2.35	0.00
tblVehicleEF	MCY	0.60	0.00
tblVehicleEF	MCY	1.82	0.00
tblVehicleEF	MCY	2.1260e-003	0.00
tblVehicleEF	MCY	5.8600e-004	0.00
tblVehicleEF	MCY	1.27	0.00
tblVehicleEF	MCY	0.86	0.00
tblVehicleEF	MCY	0.74	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MCY	2.93	0.00
tblVehicleEF	MCY	0.60	0.00
tblVehicleEF	MCY	1.98	0.00
tblVehicleEF	MDV	3.3090e-003	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.76	0.00
tblVehicleEF	MDV	2.56	0.00
tblVehicleEF	MDV	366.23	0.00
tblVehicleEF	MDV	75.11	0.00
tblVehicleEF	MDV	6.8670e-003	0.00
tblVehicleEF	MDV	0.03	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.25	0.00
tblVehicleEF	MDV	0.04	0.00
tblVehicleEF	MDV	8.0000e-003	0.00
tblVehicleEF	MDV	1.4800e-003	0.00
tblVehicleEF	MDV	1.6530e-003	0.00
tblVehicleEF	MDV	0.02	0.00
tblVehicleEF	MDV	2.0000e-003	0.00
tblVehicleEF	MDV	1.3650e-003	0.00
tblVehicleEF	MDV	1.5200e-003	0.00
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.12	0.00
tblVehicleEF	MDV	0.08	0.00
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	0.05	0.00
tblVehicleEF	MDV	0.28	0.00
tblVehicleEF	MDV	3.6200e-003	0.00
tblVehicleEF	MDV	7.4300e-004	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.12	0.00
tblVehicleEF	MDV	0.08	0.00
tblVehicleEF	MDV	0.02	0.00
tblVehicleEF	MDV	0.05	0.00
tblVehicleEF	MDV	0.31	0.00
tblVehicleEF	MDV	3.5160e-003	0.00
tblVehicleEF	MDV	0.05	0.00
tblVehicleEF	MDV	0.83	0.00
tblVehicleEF	MDV	2.20	0.00
tblVehicleEF	MDV	375.90	0.00
tblVehicleEF	MDV	74.45	0.00
tblVehicleEF	MDV	6.3900e-003	0.00
tblVehicleEF	MDV	0.03	0.00
tblVehicleEF	MDV	0.05	0.00
tblVehicleEF	MDV	0.23	0.00
tblVehicleEF	MDV	0.04	0.00
tblVehicleEF	MDV	8.0000e-003	0.00
tblVehicleEF	MDV	1.4800e-003	0.00
tblVehicleEF	MDV	1.6530e-003	0.00
tblVehicleEF	MDV	0.02	0.00
tblVehicleEF	MDV	2.0000e-003	0.00
tblVehicleEF	MDV	1.3650e-003	0.00
tblVehicleEF	MDV	1.5200e-003	0.00
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	0.12	0.00
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	0.05	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MDV	0.25	0.00
tblVehicleEF	MDV	3.7160e-003	0.00
tblVehicleEF	MDV	7.3700e-004	0.00
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	0.12	0.00
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	0.02	0.00
tblVehicleEF	MDV	0.05	0.00
tblVehicleEF	MDV	0.28	0.00
tblVehicleEF	MDV	3.2440e-003	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.74	0.00
tblVehicleEF	MDV	2.64	0.00
tblVehicleEF	MDV	362.66	0.00
tblVehicleEF	MDV	75.25	0.00
tblVehicleEF	MDV	6.7220e-003	0.00
tblVehicleEF	MDV	0.03	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.25	0.00
tblVehicleEF	MDV	0.04	0.00
tblVehicleEF	MDV	8.0000e-003	0.00
tblVehicleEF	MDV	1.4800e-003	0.00
tblVehicleEF	MDV	1.6530e-003	0.00
tblVehicleEF	MDV	0.02	0.00
tblVehicleEF	MDV	2.0000e-003	0.00
tblVehicleEF	MDV	1.3650e-003	0.00
tblVehicleEF	MDV	1.5200e-003	0.00
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.13	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MDV	0.08	0.00
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.29	0.00
tblVehicleEF	MDV	3.5850e-003	0.00
tblVehicleEF	MDV	7.4500e-004	0.00
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.13	0.00
tblVehicleEF	MDV	0.08	0.00
tblVehicleEF	MDV	0.02	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.32	0.00
tblVehicleEF	MH	6.3110e-003	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.64	0.00
tblVehicleEF	MH	1.69	0.00
tblVehicleEF	MH	1,379.66	0.00
tblVehicleEF	MH	16.52	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	1.22	0.00
tblVehicleEF	MH	0.23	0.00
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	2.1000e-004	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	0.00
tblVehicleEF	MH	0.02	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MH	1.9300e-004	0.00
tblVehicleEF	MH	0.57	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	9.2180e-003	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	1.6300e-004	0.00
tblVehicleEF	MH	0.57	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	9.2180e-003	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	6.4280e-003	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.65	0.00
tblVehicleEF	MH	1.60	0.00
tblVehicleEF	MH	1,379.69	0.00
tblVehicleEF	MH	16.37	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	1.14	0.00
tblVehicleEF	MH	0.22	0.00
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	2.1000e-004	0.00



7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.9300e-004	0.00
tblVehicleEF	MH	0.77	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	8.9920e-003	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	1.6200e-004	0.00
tblVehicleEF	MH	0.77	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	8.9920e-003	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	6.2760e-003	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.63	0.00
tblVehicleEF	MH	1.70	0.00
tblVehicleEF	MH	1,379.66	0.00
tblVehicleEF	MH	16.55	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	1.20	0.00
tblVehicleEF	MH	0.23	0.00
tblVehicleEF	MH	0.13	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	2.1000e-004	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.9300e-004	0.00
tblVehicleEF	MH	0.61	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	9.7620e-003	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	1.6400e-004	0.00
tblVehicleEF	MH	0.61	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	9.7620e-003	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MHD	4.4490e-003	0.00
tblVehicleEF	MHD	1.0860e-003	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	0.37	0.00
tblVehicleEF	MHD	0.15	0.00
tblVehicleEF	MHD	1.07	0.00
tblVehicleEF	MHD	52.09	0.00
tblVehicleEF	MHD	972.22	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MHD	11.38	0.00
tblVehicleEF	MHD	7.0040e-003	0.00
tblVehicleEF	MHD	0.12	0.00
tblVehicleEF	MHD	8.9360e-003	0.00
tblVehicleEF	MHD	0.24	0.00
tblVehicleEF	MHD	0.97	0.00
tblVehicleEF	MHD	1.57	0.00
tblVehicleEF	MHD	1.5400e-004	0.00
tblVehicleEF	MHD	0.13	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	6.1640e-003	0.00
tblVehicleEF	MHD	1.0700e-004	0.00
tblVehicleEF	MHD	1.4700e-004	0.00
tblVehicleEF	MHD	0.06	0.00
tblVehicleEF	MHD	3.0000e-003	0.00
tblVehicleEF	MHD	5.8920e-003	0.00
tblVehicleEF	MHD	9.9000e-005	0.00
tblVehicleEF	MHD	4.5800e-004	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	3.4000e-004	0.00
tblVehicleEF	MHD	9.7290e-003	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.05	0.00
tblVehicleEF	MHD	4.9600e-004	0.00
tblVehicleEF	MHD	9.2940e-003	0.00
tblVehicleEF	MHD	1.1300e-004	0.00
tblVehicleEF	MHD	4.5800e-004	0.00
tblVehicleEF	MHD	0.02	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	MHD	3.4000e-004	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.06	0.00
tblVehicleEF	MHD	4.2220e-003	0.00
tblVehicleEF	MHD	1.1050e-003	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	0.31	0.00
tblVehicleEF	MHD	0.15	0.00
tblVehicleEF	MHD	1.02	0.00
tblVehicleEF	MHD	51.99	0.00
tblVehicleEF	MHD	972.23	0.00
tblVehicleEF	MHD	11.30	0.00
tblVehicleEF	MHD	6.9400e-003	0.00
tblVehicleEF	MHD	0.12	0.00
tblVehicleEF	MHD	8.7690e-003	0.00
tblVehicleEF	MHD	0.23	0.00
tblVehicleEF	MHD	0.91	0.00
tblVehicleEF	MHD	1.57	0.00
tblVehicleEF	MHD	1.3200e-004	0.00
tblVehicleEF	MHD	0.13	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	6.1640e-003	0.00
tblVehicleEF	MHD	1.0700e-004	0.00
tblVehicleEF	MHD	1.2600e-004	0.00
tblVehicleEF	MHD	0.06	0.00
tblVehicleEF	MHD	3.0000e-003	0.00
tblVehicleEF	MHD	5.8920e-003	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MHD	9.9000e-005	0.00
tblVehicleEF	MHD	6.4600e-004	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	4.6100e-004	0.00
tblVehicleEF	MHD	9.8040e-003	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.05	0.00
tblVehicleEF	MHD	4.9500e-004	0.00
tblVehicleEF	MHD	9.2940e-003	0.00
tblVehicleEF	MHD	1.1200e-004	0.00
tblVehicleEF	MHD	6.4600e-004	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	MHD	4.6100e-004	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.05	0.00
tblVehicleEF	MHD	4.7790e-003	0.00
tblVehicleEF	MHD	1.0800e-003	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	0.46	0.00
tblVehicleEF	MHD	0.15	0.00
tblVehicleEF	MHD	1.08	0.00
tblVehicleEF	MHD	52.24	0.00
tblVehicleEF	MHD	972.22	0.00
tblVehicleEF	MHD	11.40	0.00
tblVehicleEF	MHD	7.0970e-003	0.00
tblVehicleEF	MHD	0.12	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MHD	9.0440e-003	0.00
tblVehicleEF	MHD	0.25	0.00
tblVehicleEF	MHD	0.95	0.00
tblVehicleEF	MHD	1.57	0.00
tblVehicleEF	MHD	1.8400e-004	0.00
tblVehicleEF	MHD	0.13	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	6.1640e-003	0.00
tblVehicleEF	MHD	1.0700e-004	0.00
tblVehicleEF	MHD	1.7600e-004	0.00
tblVehicleEF	MHD	0.06	0.00
tblVehicleEF	MHD	3.0000e-003	0.00
tblVehicleEF	MHD	5.8920e-003	0.00
tblVehicleEF	MHD	9.9000e-005	0.00
tblVehicleEF	MHD	4.4700e-004	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	3.3600e-004	0.00
tblVehicleEF	MHD	9.7060e-003	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.05	0.00
tblVehicleEF	MHD	4.9700e-004	0.00
tblVehicleEF	MHD	9.2940e-003	0.00
tblVehicleEF	MHD	1.1300e-004	0.00
tblVehicleEF	MHD	4.4700e-004	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	MHD	3.3600e-004	0.00
tblVehicleEF	MHD	0.01	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.06	0.00
tblVehicleEF	OBUS	8.6320e-003	0.00
tblVehicleEF	OBUS	3.8930e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.57	0.00
tblVehicleEF	OBUS	0.48	0.00
tblVehicleEF	OBUS	2.18	0.00
tblVehicleEF	OBUS	79.64	0.00
tblVehicleEF	OBUS	1,303.68	0.00
tblVehicleEF	OBUS	18.90	0.00
tblVehicleEF	OBUS	0.01	0.00
tblVehicleEF	OBUS	0.10	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.31	0.00
tblVehicleEF	OBUS	0.96	0.00
tblVehicleEF	OBUS	0.77	0.00
tblVehicleEF	OBUS	1.0400e-004	0.00
tblVehicleEF	OBUS	0.13	0.00
tblVehicleEF	OBUS	0.01	0.00
tblVehicleEF	OBUS	6.5670e-003	0.00
tblVehicleEF	OBUS	2.0200e-004	0.00
tblVehicleEF	OBUS	1.0000e-004	0.00
tblVehicleEF	OBUS	0.06	0.00
tblVehicleEF	OBUS	3.0000e-003	0.00
tblVehicleEF	OBUS	6.2660e-003	0.00
tblVehicleEF	OBUS	1.8600e-004	0.00
tblVehicleEF	OBUS	1.6950e-003	0.00
tblVehicleEF	OBUS	0.02	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	OBUS	0.05	0.00
tblVehicleEF	OBUS	9.2900e-004	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.06	0.00
tblVehicleEF	OBUS	0.11	0.00
tblVehicleEF	OBUS	7.5900e-004	0.00
tblVehicleEF	OBUS	0.01	0.00
tblVehicleEF	OBUS	1.8700e-004	0.00
tblVehicleEF	OBUS	1.6950e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.07	0.00
tblVehicleEF	OBUS	9.2900e-004	0.00
tblVehicleEF	OBUS	0.03	0.00
tblVehicleEF	OBUS	0.06	0.00
tblVehicleEF	OBUS	0.12	0.00
tblVehicleEF	OBUS	8.7120e-003	0.00
tblVehicleEF	OBUS	3.9740e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.57	0.00
tblVehicleEF	OBUS	0.49	0.00
tblVehicleEF	OBUS	2.07	0.00
tblVehicleEF	OBUS	78.76	0.00
tblVehicleEF	OBUS	1,303.69	0.00
tblVehicleEF	OBUS	18.71	0.00
tblVehicleEF	OBUS	0.01	0.00
tblVehicleEF	OBUS	0.10	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.29	0.00
tblVehicleEF	OBUS	0.90	0.00



7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	OBUS	0.76	0.00
tblVehicleEF	OBUS	9.2000e-005	0.00
tblVehicleEF	OBUS	0.13	0.00
tblVehicleEF	OBUS	0.01	0.00
tblVehicleEF	OBUS	6.5670e-003	0.00
tblVehicleEF	OBUS	2.0200e-004	0.00
tblVehicleEF	OBUS	8.8000e-005	0.00
tblVehicleEF	OBUS	0.06	0.00
tblVehicleEF	OBUS	3.0000e-003	0.00
tblVehicleEF	OBUS	6.2660e-003	0.00
tblVehicleEF	OBUS	1.8600e-004	0.00
tblVehicleEF	OBUS	2.3180e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.05	0.00
tblVehicleEF	OBUS	1.2550e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.06	0.00
tblVehicleEF	OBUS	0.10	0.00
tblVehicleEF	OBUS	7.5000e-004	0.00
tblVehicleEF	OBUS	0.01	0.00
tblVehicleEF	OBUS	1.8500e-004	0.00
tblVehicleEF	OBUS	2.3180e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.07	0.00
tblVehicleEF	OBUS	1.2550e-003	0.00
tblVehicleEF	OBUS	0.03	0.00
tblVehicleEF	OBUS	0.06	0.00
tblVehicleEF	OBUS	0.11	0.00
tblVehicleEF	OBUS	8.5440e-003	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	OBUS	3.8700e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.58	0.00
tblVehicleEF	OBUS	0.48	0.00
tblVehicleEF	OBUS	2.20	0.00
tblVehicleEF	OBUS	80.87	0.00
tblVehicleEF	OBUS	1,303.67	0.00
tblVehicleEF	OBUS	18.93	0.00
tblVehicleEF	OBUS	0.01	0.00
tblVehicleEF	OBUS	0.10	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.33	0.00
tblVehicleEF	OBUS	0.94	0.00
tblVehicleEF	OBUS	0.77	0.00
tblVehicleEF	OBUS	1.2000e-004	0.00
tblVehicleEF	OBUS	0.13	0.00
tblVehicleEF	OBUS	0.01	0.00
tblVehicleEF	OBUS	6.5670e-003	0.00
tblVehicleEF	OBUS	2.0200e-004	0.00
tblVehicleEF	OBUS	1.1500e-004	0.00
tblVehicleEF	OBUS	0.06	0.00
tblVehicleEF	OBUS	3.0000e-003	0.00
tblVehicleEF	OBUS	6.2660e-003	0.00
tblVehicleEF	OBUS	1.8600e-004	0.00
tblVehicleEF	OBUS	1.7040e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.05	0.00
tblVehicleEF	OBUS	9.2000e-004	0.00
tblVehicleEF	OBUS	0.02	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	OBUS	0.07	0.00
tblVehicleEF	OBUS	0.11	0.00
tblVehicleEF	OBUS	7.7000e-004	0.00
tblVehicleEF	OBUS	0.01	0.00
tblVehicleEF	OBUS	1.8700e-004	0.00
tblVehicleEF	OBUS	1.7040e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.06	0.00
tblVehicleEF	OBUS	9.2000e-004	0.00
tblVehicleEF	OBUS	0.03	0.00
tblVehicleEF	OBUS	0.07	0.00
tblVehicleEF	OBUS	0.12	0.00
tblVehicleEF	SBUS	0.09	0.00
tblVehicleEF	SBUS	8.5960e-003	0.00
tblVehicleEF	SBUS	8.5700e-003	0.00
tblVehicleEF	SBUS	3.52	0.00
tblVehicleEF	SBUS	0.79	0.00
tblVehicleEF	SBUS	1.15	0.00
tblVehicleEF	SBUS	359.30	0.00
tblVehicleEF	SBUS	1,057.69	0.00
tblVehicleEF	SBUS	6.94	0.00
tblVehicleEF	SBUS	0.04	0.00
tblVehicleEF	SBUS	0.12	0.00
tblVehicleEF	SBUS	7.6770e-003	0.00
tblVehicleEF	SBUS	3.33	0.00
tblVehicleEF	SBUS	4.70	0.00
tblVehicleEF	SBUS	0.82	0.00
tblVehicleEF	SBUS	3.9590e-003	0.00
tblVehicleEF	SBUS	0.74	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	0.03	0.00
tblVehicleEF	SBUS	8.3000e-005	0.00
tblVehicleEF	SBUS	3.7880e-003	0.00
tblVehicleEF	SBUS	0.32	0.00
tblVehicleEF	SBUS	2.6060e-003	0.00
tblVehicleEF	SBUS	0.03	0.00
tblVehicleEF	SBUS	7.6000e-005	0.00
tblVehicleEF	SBUS	1.2140e-003	0.00
tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	0.42	0.00
tblVehicleEF	SBUS	7.1400e-004	0.00
tblVehicleEF	SBUS	0.10	0.00
tblVehicleEF	SBUS	0.02	0.00
tblVehicleEF	SBUS	0.05	0.00
tblVehicleEF	SBUS	3.4370e-003	0.00
tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	6.9000e-005	0.00
tblVehicleEF	SBUS	1.2140e-003	0.00
tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	0.60	0.00
tblVehicleEF	SBUS	7.1400e-004	0.00
tblVehicleEF	SBUS	0.12	0.00
tblVehicleEF	SBUS	0.02	0.00
tblVehicleEF	SBUS	0.05	0.00
tblVehicleEF	SBUS	0.09	0.00
tblVehicleEF	SBUS	8.7000e-003	0.00
tblVehicleEF	SBUS	7.7020e-003	0.00
tblVehicleEF	SBUS	3.49	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	SBUS	0.80	0.00
tblVehicleEF	SBUS	0.95	0.00
tblVehicleEF	SBUS	367.70	0.00
tblVehicleEF	SBUS	1,057.71	0.00
tblVehicleEF	SBUS	6.60	0.00
tblVehicleEF	SBUS	0.05	0.00
tblVehicleEF	SBUS	0.12	0.00
tblVehicleEF	SBUS	7.5200e-003	0.00
tblVehicleEF	SBUS	3.40	0.00
tblVehicleEF	SBUS	4.44	0.00
tblVehicleEF	SBUS	0.81	0.00
tblVehicleEF	SBUS	3.3440e-003	0.00
tblVehicleEF	SBUS	0.74	0.00
tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	0.03	0.00
tblVehicleEF	SBUS	8.3000e-005	0.00
tblVehicleEF	SBUS	3.1990e-003	0.00
tblVehicleEF	SBUS	0.32	0.00
tblVehicleEF	SBUS	2.6060e-003	0.00
tblVehicleEF	SBUS	0.03	0.00
tblVehicleEF	SBUS	7.6000e-005	0.00
tblVehicleEF	SBUS	1.6680e-003	0.00
tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	0.42	0.00
tblVehicleEF	SBUS	9.6300e-004	0.00
tblVehicleEF	SBUS	0.10	0.00
tblVehicleEF	SBUS	0.02	0.00
tblVehicleEF	SBUS	0.04	0.00
tblVehicleEF	SBUS	3.5160e-003	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	6.5000e-005	0.00
tblVehicleEF	SBUS	1.6680e-003	0.00
tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	0.60	0.00
tblVehicleEF	SBUS	9.6300e-004	0.00
tblVehicleEF	SBUS	0.12	0.00
tblVehicleEF	SBUS	0.02	0.00
tblVehicleEF	SBUS	0.05	0.00
tblVehicleEF	SBUS	0.09	0.00
tblVehicleEF	SBUS	8.5670e-003	0.00
tblVehicleEF	SBUS	8.6950e-003	0.00
tblVehicleEF	SBUS	3.57	0.00
tblVehicleEF	SBUS	0.79	0.00
tblVehicleEF	SBUS	1.17	0.00
tblVehicleEF	SBUS	347.70	0.00
tblVehicleEF	SBUS	1,057.69	0.00
tblVehicleEF	SBUS	6.97	0.00
tblVehicleEF	SBUS	0.04	0.00
tblVehicleEF	SBUS	0.12	0.00
tblVehicleEF	SBUS	7.7950e-003	0.00
tblVehicleEF	SBUS	3.22	0.00
tblVehicleEF	SBUS	4.62	0.00
tblVehicleEF	SBUS	0.82	0.00
tblVehicleEF	SBUS	4.8080e-003	0.00
tblVehicleEF	SBUS	0.74	0.00
tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	0.03	0.00
tblVehicleEF	SBUS	8.3000e-005	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	SBUS	4.6000e-003	0.00
tblVehicleEF	SBUS	0.32	0.00
tblVehicleEF	SBUS	2.6060e-003	0.00
tblVehicleEF	SBUS	0.03	0.00
tblVehicleEF	SBUS	7.6000e-005	0.00
tblVehicleEF	SBUS	1.1730e-003	0.00
tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	0.42	0.00
tblVehicleEF	SBUS	6.9200e-004	0.00
tblVehicleEF	SBUS	0.10	0.00
tblVehicleEF	SBUS	0.02	0.00
tblVehicleEF	SBUS	0.05	0.00
tblVehicleEF	SBUS	3.3270e-003	0.00
tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	6.9000e-005	0.00
tblVehicleEF	SBUS	1.1730e-003	0.00
tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	0.60	0.00
tblVehicleEF	SBUS	6.9200e-004	0.00
tblVehicleEF	SBUS	0.12	0.00
tblVehicleEF	SBUS	0.02	0.00
tblVehicleEF	SBUS	0.06	0.00
tblVehicleEF	UBUS	5.27	0.00
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	41.11	0.00
tblVehicleEF	UBUS	1.81	0.00
tblVehicleEF	UBUS	2,017.30	0.00
tblVehicleEF	UBUS	19.54	0.00
tblVehicleEF	UBUS	0.34	0.00

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.44	0.00
tblVehicleEF	UBUS	0.17	0.00
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	3.1350e-003	0.00
tblVehicleEF	UBUS	2.0200e-004	0.00
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	7.5850e-003	0.00
tblVehicleEF	UBUS	2.9840e-003	0.00
tblVehicleEF	UBUS	1.8600e-004	0.00
tblVehicleEF	UBUS	5.7500e-004	0.00
tblVehicleEF	UBUS	5.9810e-003	0.00
tblVehicleEF	UBUS	4.0400e-004	0.00
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	1.2270e-003	0.00
tblVehicleEF	UBUS	0.10	0.00
tblVehicleEF	UBUS	3.6420e-003	0.00
tblVehicleEF	UBUS	1.9300e-004	0.00
tblVehicleEF	UBUS	5.7500e-004	0.00
tblVehicleEF	UBUS	5.9810e-003	0.00
tblVehicleEF	UBUS	4.0400e-004	0.00
tblVehicleEF	UBUS	5.38	0.00
tblVehicleEF	UBUS	1.2270e-003	0.00
tblVehicleEF	UBUS	0.11	0.00
tblVehicleEF	UBUS	5.27	0.00
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	41.11	0.00
tblVehicleEF	UBUS	1.61	0.00



7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	UBUS	2,017.31	0.00
tblVehicleEF	UBUS	19.19	0.00
tblVehicleEF	UBUS	0.34	0.00
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.44	0.00
tblVehicleEF	UBUS	0.16	0.00
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	3.1350e-003	0.00
tblVehicleEF	UBUS	2.0200e-004	0.00
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	7.5850e-003	0.00
tblVehicleEF	UBUS	2.9840e-003	0.00
tblVehicleEF	UBUS	1.8600e-004	0.00
tblVehicleEF	UBUS	8.0300e-004	0.00
tblVehicleEF	UBUS	6.2910e-003	0.00
tblVehicleEF	UBUS	5.8300e-004	0.00
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	1.1110e-003	0.00
tblVehicleEF	UBUS	0.09	0.00
tblVehicleEF	UBUS	3.6420e-003	0.00
tblVehicleEF	UBUS	1.9000e-004	0.00
tblVehicleEF	UBUS	8.0300e-004	0.00
tblVehicleEF	UBUS	6.2910e-003	0.00
tblVehicleEF	UBUS	5.8300e-004	0.00
tblVehicleEF	UBUS	5.38	0.00
tblVehicleEF	UBUS	1.1110e-003	0.00
tblVehicleEF	UBUS	0.10	0.00
tblVehicleEF	UBUS	5.27	0.00

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	41.11	0.00
tblVehicleEF	UBUS	1.85	0.00
tblVehicleEF	UBUS	2,017.30	0.00
tblVehicleEF	UBUS	19.61	0.00
tblVehicleEF	UBUS	0.34	0.00
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.44	0.00
tblVehicleEF	UBUS	0.17	0.00
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	3.1350e-003	0.00
tblVehicleEF	UBUS	2.0200e-004	0.00
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	7.5850e-003	0.00
tblVehicleEF	UBUS	2.9840e-003	0.00
tblVehicleEF	UBUS	1.8600e-004	0.00
tblVehicleEF	UBUS	6.1900e-004	0.00
tblVehicleEF	UBUS	6.8140e-003	0.00
tblVehicleEF	UBUS	4.0500e-004	0.00
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	1.4930e-003	0.00
tblVehicleEF	UBUS	0.10	0.00
tblVehicleEF	UBUS	3.6420e-003	0.00
tblVehicleEF	UBUS	1.9400e-004	0.00
tblVehicleEF	UBUS	6.1900e-004	0.00
tblVehicleEF	UBUS	6.8140e-003	0.00
tblVehicleEF	UBUS	4.0500e-004	0.00
tblVehicleEF	UBUS	5.38	0.00

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblVehicleEF	UBUS	1.4930e-003	0.00
tblVehicleEF	UBUS	0.11	0.00
tblVehicleTrips	HO_TL	0.00	6.90
tblVehicleTrips	HS_TL	0.00	8.40
tblVehicleTrips	HW_TL	0.00	16.60
tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	3.00
tblVehicleTrips	SU_TR	0.00	3.00
tblVehicleTrips	WD_TR	0.00	0.50

**2.0 Emissions Summary**

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**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					
2023	0.0480	0.4859	0.4534	9.1000e-004	0.0176	0.0220	0.0395	5.8200e-003	0.0202	0.0260	0.0000	81.1816	81.1816	0.0225	9.9000e-004	82.0400
2024	0.0830	0.7223	0.8953	1.6500e-003	0.0265	0.0329	0.0595	7.1500e-003	0.0304	0.0375	0.0000	146.3020	146.3020	0.0381	2.2500e-003	147.9230
<b>Maximum</b>	<b>0.0830</b>	<b>0.7223</b>	<b>0.8953</b>	<b>1.6500e-003</b>	<b>0.0265</b>	<b>0.0329</b>	<b>0.0595</b>	<b>7.1500e-003</b>	<b>0.0304</b>	<b>0.0375</b>	<b>0.0000</b>	<b>146.3020</b>	<b>146.3020</b>	<b>0.0381</b>	<b>2.2500e-003</b>	<b>147.9230</b>

**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					
2023	0.0480	0.4859	0.4534	9.1000e-004	0.0145	0.0220	0.0364	4.3900e-003	0.0202	0.0246	0.0000	81.1815	81.1815	0.0225	9.9000e-004	82.0399
2024	0.0830	0.7223	0.8953	1.6500e-003	0.0265	0.0329	0.0595	7.1500e-003	0.0304	0.0375	0.0000	146.3018	146.3018	0.0381	2.2500e-003	147.9228
<b>Maximum</b>	<b>0.0830</b>	<b>0.7223</b>	<b>0.8953</b>	<b>1.6500e-003</b>	<b>0.0265</b>	<b>0.0329</b>	<b>0.0595</b>	<b>7.1500e-003</b>	<b>0.0304</b>	<b>0.0375</b>	<b>0.0000</b>	<b>146.3018</b>	<b>146.3018</b>	<b>0.0381</b>	<b>2.2500e-003</b>	<b>147.9228</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	6.96	0.00	3.10	11.03	0.00	2.25	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	7-1-2023	9-30-2023	0.2959	0.2959
2	10-1-2023	12-31-2023	0.2431	0.2431
3	1-1-2024	3-31-2024	0.2246	0.2246
4	4-1-2024	6-30-2024	0.2240	0.2240
5	7-1-2024	9-30-2024	0.2265	0.2265
		Highest	0.2959	0.2959

**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	3.2600e-003	1.0000e-005	1.2700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.4800e-003	2.4800e-003	1.0000e-005	0.0000	2.6400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.4828	2.4828	2.1000e-004	3.0000e-005	2.4957
Mobile	0.0255	0.0338	0.5675	2.0300e-003	0.2737	1.2100e-003	0.2749	0.0727	1.1200e-003	0.0738	0.0000	186.3202	186.3202	3.3400e-003	3.9900e-003	187.5943
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
<b>Total</b>	<b>0.0288</b>	<b>0.0339</b>	<b>0.5688</b>	<b>2.0300e-003</b>	<b>0.2737</b>	<b>1.2100e-003</b>	<b>0.2749</b>	<b>0.0727</b>	<b>1.1200e-003</b>	<b>0.0738</b>	<b>0.0000</b>	<b>188.8056</b>	<b>188.8056</b>	<b>3.5600e-003</b>	<b>4.0200e-003</b>	<b>190.0926</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**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	3.2600e-003	1.0000e-005	1.2700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.4800e-003	2.4800e-003	1.0000e-005	0.0000	2.6400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.4828	2.4828	2.1000e-004	3.0000e-005	2.4957
Mobile	0.0255	0.0338	0.5675	2.0300e-003	0.2737	1.2100e-003	0.2749	0.0727	1.1200e-003	0.0738	0.0000	186.3202	186.3202	3.3400e-003	3.9900e-003	187.5943
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
<b>Total</b>	<b>0.0288</b>	<b>0.0339</b>	<b>0.5688</b>	<b>2.0300e-003</b>	<b>0.2737</b>	<b>1.2100e-003</b>	<b>0.2749</b>	<b>0.0727</b>	<b>1.1200e-003</b>	<b>0.0738</b>	<b>0.0000</b>	<b>188.8056</b>	<b>188.8056</b>	<b>3.5600e-003</b>	<b>4.0200e-003</b>	<b>190.0926</b>

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/1/2023	7/14/2023	5	10	
2	Grading	Grading	7/15/2023	8/25/2023	5	30	
3	Building Construction	Building Construction	8/26/2023	10/18/2024	5	300	

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

4	Paving	Paving	10/19/2024	11/15/2024	5	20
5	Architectural Coating	Architectural Coating	11/16/2024	12/13/2024	5	20

**Acres of Grading (Site Preparation Phase): 0.5**

**Acres of Grading (Grading Phase): 1.5**

**Acres of Paving: 0.9**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 2,400 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
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	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Grading	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	17.00	7.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

**3.2 Site Preparation - 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					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6700e-003	0.0309	0.0196	5.0000e-005		1.1300e-003	1.1300e-003		1.0400e-003	1.0400e-003	0.0000	4.2748	4.2748	1.3800e-003	0.0000	4.3094
<b>Total</b>	<b>2.6700e-003</b>	<b>0.0309</b>	<b>0.0196</b>	<b>5.0000e-005</b>	<b>2.7000e-004</b>	<b>1.1300e-003</b>	<b>1.4000e-003</b>	<b>3.0000e-005</b>	<b>1.0400e-003</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>4.2748</b>	<b>4.2748</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>4.3094</b>



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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**3.2 Site Preparation - 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	7.0000e-005	5.0000e-005	7.3000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2087	0.2087	0.0000	1.0000e-005	0.2103
<b>Total</b>	<b>7.0000e-005</b>	<b>5.0000e-005</b>	<b>7.3000e-004</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>2.8000e-004</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.2087</b>	<b>0.2087</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.2103</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2000e-004	0.0000	1.2000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6700e-003	0.0309	0.0196	5.0000e-005		1.1300e-003	1.1300e-003		1.0400e-003	1.0400e-003	0.0000	4.2748	4.2748	1.3800e-003	0.0000	4.3094
<b>Total</b>	<b>2.6700e-003</b>	<b>0.0309</b>	<b>0.0196</b>	<b>5.0000e-005</b>	<b>1.2000e-004</b>	<b>1.1300e-003</b>	<b>1.2500e-003</b>	<b>1.0000e-005</b>	<b>1.0400e-003</b>	<b>1.0500e-003</b>	<b>0.0000</b>	<b>4.2748</b>	<b>4.2748</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>4.3094</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**3.2 Site Preparation - 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	7.0000e-005	5.0000e-005	7.3000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2087	0.2087	0.0000	1.0000e-005	0.2103
<b>Total</b>	<b>7.0000e-005</b>	<b>5.0000e-005</b>	<b>7.3000e-004</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>2.8000e-004</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.2087</b>	<b>0.2087</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.2103</b>

**3.3 Grading - 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					
Fugitive Dust					5.3100e-003	0.0000	5.3100e-003	2.5700e-003	0.0000	2.5700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0140	0.1527	0.0833	2.1000e-004		6.3000e-003	6.3000e-003		5.8000e-003	5.8000e-003	0.0000	18.5715	18.5715	6.0100e-003	0.0000	18.7217
<b>Total</b>	<b>0.0140</b>	<b>0.1527</b>	<b>0.0833</b>	<b>2.1000e-004</b>	<b>5.3100e-003</b>	<b>6.3000e-003</b>	<b>0.0116</b>	<b>2.5700e-003</b>	<b>5.8000e-003</b>	<b>8.3700e-003</b>	<b>0.0000</b>	<b>18.5715</b>	<b>18.5715</b>	<b>6.0100e-003</b>	<b>0.0000</b>	<b>18.7217</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**3.3 Grading - 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	3.4000e-004	2.4000e-004	3.4900e-003	1.0000e-005	1.3200e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0016	1.0016	2.0000e-005	2.0000e-005	1.0094
<b>Total</b>	<b>3.4000e-004</b>	<b>2.4000e-004</b>	<b>3.4900e-003</b>	<b>1.0000e-005</b>	<b>1.3200e-003</b>	<b>1.0000e-005</b>	<b>1.3200e-003</b>	<b>3.5000e-004</b>	<b>1.0000e-005</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>1.0016</b>	<b>1.0016</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>1.0094</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3900e-003	0.0000	2.3900e-003	1.1600e-003	0.0000	1.1600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0140	0.1527	0.0833	2.1000e-004		6.3000e-003	6.3000e-003		5.8000e-003	5.8000e-003	0.0000	18.5715	18.5715	6.0100e-003	0.0000	18.7216
<b>Total</b>	<b>0.0140</b>	<b>0.1527</b>	<b>0.0833</b>	<b>2.1000e-004</b>	<b>2.3900e-003</b>	<b>6.3000e-003</b>	<b>8.6900e-003</b>	<b>1.1600e-003</b>	<b>5.8000e-003</b>	<b>6.9600e-003</b>	<b>0.0000</b>	<b>18.5715</b>	<b>18.5715</b>	<b>6.0100e-003</b>	<b>0.0000</b>	<b>18.7216</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**3.3 Grading - 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	3.4000e-004	2.4000e-004	3.4900e-003	1.0000e-005	1.3200e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0016	1.0016	2.0000e-005	2.0000e-005	1.0094
<b>Total</b>	<b>3.4000e-004</b>	<b>2.4000e-004</b>	<b>3.4900e-003</b>	<b>1.0000e-005</b>	<b>1.3200e-003</b>	<b>1.0000e-005</b>	<b>1.3200e-003</b>	<b>3.5000e-004</b>	<b>1.0000e-005</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>1.0016</b>	<b>1.0016</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>1.0094</b>

**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	0.0285	0.2888	0.3194	5.1000e-004		0.0144	0.0144		0.0133	0.0133	0.0000	45.0938	45.0938	0.0146	0.0000	45.4584
<b>Total</b>	<b>0.0285</b>	<b>0.2888</b>	<b>0.3194</b>	<b>5.1000e-004</b>		<b>0.0144</b>	<b>0.0144</b>		<b>0.0133</b>	<b>0.0133</b>	<b>0.0000</b>	<b>45.0938</b>	<b>45.0938</b>	<b>0.0146</b>	<b>0.0000</b>	<b>45.4584</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**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	3.1000e-004	0.0116	4.6400e-003	6.0000e-005	1.9800e-003	6.0000e-005	2.0400e-003	5.7000e-004	5.0000e-005	6.3000e-004	0.0000	5.6459	5.6459	3.4000e-004	8.1000e-004	5.8959
Worker	2.1600e-003	1.5400e-003	0.0223	7.0000e-005	8.4000e-003	4.0000e-005	8.4400e-003	2.2300e-003	4.0000e-005	2.2700e-003	0.0000	6.3853	6.3853	1.5000e-004	1.5000e-004	6.4350
<b>Total</b>	<b>2.4700e-003</b>	<b>0.0131</b>	<b>0.0269</b>	<b>1.3000e-004</b>	<b>0.0104</b>	<b>1.0000e-004</b>	<b>0.0105</b>	<b>2.8000e-003</b>	<b>9.0000e-005</b>	<b>2.9000e-003</b>	<b>0.0000</b>	<b>12.0312</b>	<b>12.0312</b>	<b>4.9000e-004</b>	<b>9.6000e-004</b>	<b>12.3309</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0285	0.2888	0.3194	5.1000e-004		0.0144	0.0144		0.0133	0.0133	0.0000	45.0937	45.0937	0.0146	0.0000	45.4584
<b>Total</b>	<b>0.0285</b>	<b>0.2888</b>	<b>0.3194</b>	<b>5.1000e-004</b>		<b>0.0144</b>	<b>0.0144</b>		<b>0.0133</b>	<b>0.0133</b>	<b>0.0000</b>	<b>45.0937</b>	<b>45.0937</b>	<b>0.0146</b>	<b>0.0000</b>	<b>45.4584</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**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	3.1000e-004	0.0116	4.6400e-003	6.0000e-005	1.9800e-003	6.0000e-005	2.0400e-003	5.7000e-004	5.0000e-005	6.3000e-004	0.0000	5.6459	5.6459	3.4000e-004	8.1000e-004	5.8959
Worker	2.1600e-003	1.5400e-003	0.0223	7.0000e-005	8.4000e-003	4.0000e-005	8.4400e-003	2.2300e-003	4.0000e-005	2.2700e-003	0.0000	6.3853	6.3853	1.5000e-004	1.5000e-004	6.4350
<b>Total</b>	<b>2.4700e-003</b>	<b>0.0131</b>	<b>0.0269</b>	<b>1.3000e-004</b>	<b>0.0104</b>	<b>1.0000e-004</b>	<b>0.0105</b>	<b>2.8000e-003</b>	<b>9.0000e-005</b>	<b>2.9000e-003</b>	<b>0.0000</b>	<b>12.0312</b>	<b>12.0312</b>	<b>4.9000e-004</b>	<b>9.6000e-004</b>	<b>12.3309</b>

**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	0.0625	0.6273	0.7421	1.2000e-003		0.0297	0.0297		0.0273	0.0273	0.0000	105.2545	105.2545	0.0340	0.0000	106.1056
<b>Total</b>	<b>0.0625</b>	<b>0.6273</b>	<b>0.7421</b>	<b>1.2000e-003</b>		<b>0.0297</b>	<b>0.0297</b>		<b>0.0273</b>	<b>0.0273</b>	<b>0.0000</b>	<b>105.2545</b>	<b>105.2545</b>	<b>0.0340</b>	<b>0.0000</b>	<b>106.1056</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**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	7.2000e-004	0.0269	0.0108	1.3000e-004	4.6300e-003	1.4000e-004	4.7700e-003	1.3400e-003	1.3000e-004	1.4700e-003	0.0000	12.9695	12.9695	7.9000e-004	1.8700e-003	13.5466
Worker	4.7400e-003	3.2300e-003	0.0484	1.6000e-004	0.0196	1.0000e-004	0.0197	5.2000e-003	9.0000e-005	5.2900e-003	0.0000	14.4268	14.4268	3.1000e-004	3.4000e-004	14.5349
<b>Total</b>	<b>5.4600e-003</b>	<b>0.0301</b>	<b>0.0591</b>	<b>2.9000e-004</b>	<b>0.0242</b>	<b>2.4000e-004</b>	<b>0.0245</b>	<b>6.5400e-003</b>	<b>2.2000e-004</b>	<b>6.7600e-003</b>	<b>0.0000</b>	<b>27.3963</b>	<b>27.3963</b>	<b>1.1000e-003</b>	<b>2.2100e-003</b>	<b>28.0815</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0625	0.6273	0.7421	1.2000e-003		0.0297	0.0297		0.0273	0.0273	0.0000	105.2544	105.2544	0.0340	0.0000	106.1054
<b>Total</b>	<b>0.0625</b>	<b>0.6273</b>	<b>0.7421</b>	<b>1.2000e-003</b>		<b>0.0297</b>	<b>0.0297</b>		<b>0.0273</b>	<b>0.0273</b>	<b>0.0000</b>	<b>105.2544</b>	<b>105.2544</b>	<b>0.0340</b>	<b>0.0000</b>	<b>106.1054</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**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	7.2000e-004	0.0269	0.0108	1.3000e-004	4.6300e-003	1.4000e-004	4.7700e-003	1.3400e-003	1.3000e-004	1.4700e-003	0.0000	12.9695	12.9695	7.9000e-004	1.8700e-003	13.5466
Worker	4.7400e-003	3.2300e-003	0.0484	1.6000e-004	0.0196	1.0000e-004	0.0197	5.2000e-003	9.0000e-005	5.2900e-003	0.0000	14.4268	14.4268	3.1000e-004	3.4000e-004	14.5349
<b>Total</b>	<b>5.4600e-003</b>	<b>0.0301</b>	<b>0.0591</b>	<b>2.9000e-004</b>	<b>0.0242</b>	<b>2.4000e-004</b>	<b>0.0245</b>	<b>6.5400e-003</b>	<b>2.2000e-004</b>	<b>6.7600e-003</b>	<b>0.0000</b>	<b>27.3963</b>	<b>27.3963</b>	<b>1.1000e-003</b>	<b>2.2100e-003</b>	<b>28.0815</b>

**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	5.9000e-003	0.0523	0.0703	1.1000e-004		2.4300e-003	2.4300e-003		2.2700e-003	2.2700e-003	0.0000	9.4006	9.4006	2.7400e-003	0.0000	9.4691
Paving	1.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>7.0800e-003</b>	<b>0.0523</b>	<b>0.0703</b>	<b>1.1000e-004</b>		<b>2.4300e-003</b>	<b>2.4300e-003</b>		<b>2.2700e-003</b>	<b>2.2700e-003</b>	<b>0.0000</b>	<b>9.4006</b>	<b>9.4006</b>	<b>2.7400e-003</b>	<b>0.0000</b>	<b>9.4691</b>



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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**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	4.8000e-004	3.3000e-004	4.8800e-003	2.0000e-005	1.9800e-003	1.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.3000e-004	0.0000	1.4548	1.4548	3.0000e-005	3.0000e-005	1.4657
<b>Total</b>	<b>4.8000e-004</b>	<b>3.3000e-004</b>	<b>4.8800e-003</b>	<b>2.0000e-005</b>	<b>1.9800e-003</b>	<b>1.0000e-005</b>	<b>1.9900e-003</b>	<b>5.2000e-004</b>	<b>1.0000e-005</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>1.4548</b>	<b>1.4548</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>1.4657</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.9000e-003	0.0523	0.0703	1.1000e-004		2.4300e-003	2.4300e-003		2.2700e-003	2.2700e-003	0.0000	9.4006	9.4006	2.7400e-003	0.0000	9.4691
Paving	1.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>7.0800e-003</b>	<b>0.0523</b>	<b>0.0703</b>	<b>1.1000e-004</b>		<b>2.4300e-003</b>	<b>2.4300e-003</b>		<b>2.2700e-003</b>	<b>2.2700e-003</b>	<b>0.0000</b>	<b>9.4006</b>	<b>9.4006</b>	<b>2.7400e-003</b>	<b>0.0000</b>	<b>9.4691</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**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	4.8000e-004	3.3000e-004	4.8800e-003	2.0000e-005	1.9800e-003	1.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.3000e-004	0.0000	1.4548	1.4548	3.0000e-005	3.0000e-005	1.4657
<b>Total</b>	<b>4.8000e-004</b>	<b>3.3000e-004</b>	<b>4.8800e-003</b>	<b>2.0000e-005</b>	<b>1.9800e-003</b>	<b>1.0000e-005</b>	<b>1.9900e-003</b>	<b>5.2000e-004</b>	<b>1.0000e-005</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>1.4548</b>	<b>1.4548</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>1.4657</b>

**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	5.5600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8100e-003	0.0122	0.0181	3.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5569
<b>Total</b>	<b>7.3700e-003</b>	<b>0.0122</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>2.5569</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**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	8.0000e-005	5.0000e-005	8.1000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2425	0.2425	1.0000e-005	1.0000e-005	0.2443
<b>Total</b>	<b>8.0000e-005</b>	<b>5.0000e-005</b>	<b>8.1000e-004</b>	<b>0.0000</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>3.3000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.2425</b>	<b>0.2425</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.2443</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	5.5600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8100e-003	0.0122	0.0181	3.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5568
<b>Total</b>	<b>7.3700e-003</b>	<b>0.0122</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>2.5568</b>

7179\_ Richard T. Steed Memorial Park San Clemente project\_Operational Mobile Source Only - Orange County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**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	8.0000e-005	5.0000e-005	8.1000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2425	0.2425	1.0000e-005	1.0000e-005	0.2443
<b>Total</b>	<b>8.0000e-005</b>	<b>5.0000e-005</b>	<b>8.1000e-004</b>	<b>0.0000</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>3.3000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.2425</b>	<b>0.2425</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.2443</b>







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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	14000	2.4828	2.1000e-004	3.0000e-005	2.4957
<b>Total</b>		<b>2.4828</b>	<b>2.1000e-004</b>	<b>3.0000e-005</b>	<b>2.4957</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	14000	2.4828	2.1000e-004	3.0000e-005	2.4957
<b>Total</b>		<b>2.4828</b>	<b>2.1000e-004</b>	<b>3.0000e-005</b>	<b>2.4957</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**



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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.2600e-003	1.0000e-005	1.2700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.4800e-003	2.4800e-003	1.0000e-005	0.0000	2.6400e-003
Unmitigated	3.2600e-003	1.0000e-005	1.2700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.4800e-003	2.4800e-003	1.0000e-005	0.0000	2.6400e-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	5.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.5900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2000e-004	1.0000e-005	1.2700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.4800e-003	2.4800e-003	1.0000e-005	0.0000	2.6400e-003
<b>Total</b>	<b>3.2700e-003</b>	<b>1.0000e-005</b>	<b>1.2700e-003</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.4800e-003</b>	<b>2.4800e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.6400e-003</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**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	5.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.5900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2000e-004	1.0000e-005	1.2700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.4800e-003	2.4800e-003	1.0000e-005	0.0000	2.6400e-003
<b>Total</b>	<b>3.2700e-003</b>	<b>1.0000e-005</b>	<b>1.2700e-003</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.4800e-003</b>	<b>2.4800e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.6400e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	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			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**7.2 Water by Land Use**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**8.0 Waste Detail**

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**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

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**8.2 Waste by Land Use**

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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