

# Appendix E

California Emissions Estimator Model Results

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Dizard Park Renovations Project - Ventura County APCD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Dizard Park Renovations Project  
Ventura County APCD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	1.75	Acre	1.75	76,230.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.6	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	8			<b>Operational Year</b>	2024
<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 - Based on anticipated project construction activities.
- Grading -
- Demolition -
- Trips and VMT - Based on architect calculations and 16-CY trucks.
- Vehicle Trips - Construction run only
- Water And Wastewater - Construction run only
- Solid Waste - Construction run only

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	4.00	160.00

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblConstructionPhase	NumDays	10.00	134.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	3/28/2023	3/23/2023
tblConstructionPhase	PhaseEndDate	4/5/2023	9/28/2023
tblConstructionPhase	PhaseEndDate	1/24/2024	2/29/2024
tblConstructionPhase	PhaseEndDate	3/30/2023	3/25/2023
tblConstructionPhase	PhaseStartDate	3/31/2023	3/27/2023
tblConstructionPhase	PhaseStartDate	1/11/2024	9/27/2023
tblConstructionPhase	PhaseStartDate	3/29/2023	3/24/2023
tblGrading	MaterialExported	0.00	400.00
tblSolidWaste	SolidWasteGenerationRate	0.15	0.00
tblTripsAndVMT	HaulingTripNumber	42.00	188.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblWater	OutdoorWaterUseRate	2,085,092.36	0.00

**2.0 Emissions Summary**

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Dizard Park Renovations Project - Ventura County APCD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.1534	1.5865	1.2391	2.6300e-003	0.5914	0.0684	0.6599	0.2814	0.0631	0.3445	0.0000	231.6794	231.6794	0.0687	1.3500e-003	233.7992
2024	0.0170	0.1530	0.2373	3.7000e-004	2.7300e-003	7.3200e-003	0.0101	7.2000e-004	6.7600e-003	7.4800e-003	0.0000	32.6833	32.6833	9.7700e-003	6.0000e-005	32.9448
<b>Maximum</b>	<b>0.1534</b>	<b>1.5865</b>	<b>1.2391</b>	<b>2.6300e-003</b>	<b>0.5914</b>	<b>0.0684</b>	<b>0.6599</b>	<b>0.2814</b>	<b>0.0631</b>	<b>0.3445</b>	<b>0.0000</b>	<b>231.6794</b>	<b>231.6794</b>	<b>0.0687</b>	<b>1.3500e-003</b>	<b>233.7992</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	0.1534	1.5865	1.2391	2.6300e-003	0.5914	0.0684	0.6599	0.2814	0.0631	0.3445	0.0000	231.6791	231.6791	0.0687	1.3500e-003	233.7989
2024	0.0170	0.1530	0.2373	3.7000e-004	2.7300e-003	7.3200e-003	0.0101	7.2000e-004	6.7600e-003	7.4800e-003	0.0000	32.6833	32.6833	9.7700e-003	6.0000e-005	32.9447
<b>Maximum</b>	<b>0.1534</b>	<b>1.5865</b>	<b>1.2391</b>	<b>2.6300e-003</b>	<b>0.5914</b>	<b>0.0684</b>	<b>0.6599</b>	<b>0.2814</b>	<b>0.0631</b>	<b>0.3445</b>	<b>0.0000</b>	<b>231.6791</b>	<b>231.6791</b>	<b>0.0687</b>	<b>1.3500e-003</b>	<b>233.7989</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	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)
1	3-1-2023	5-31-2023	0.6291	0.6291
2	6-1-2023	8-31-2023	0.6263	0.6263
3	9-1-2023	11-30-2023	0.3842	0.3842
4	12-1-2023	2-29-2024	0.2605	0.2605
		Highest	0.6291	0.6291

**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	7.2000e-004	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
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
<b>Total</b>	<b>7.2000e-004</b>	<b>0.0000</b>	<b>2.0000e-005</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>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	7.2000e-004	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
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
<b>Total</b>	<b>7.2000e-004</b>	<b>0.0000</b>	<b>2.0000e-005</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>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</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	Demolition	Demolition	3/1/2023	3/23/2023	6	20	
2	Site Preparation	Site Preparation	3/24/2023	3/25/2023	6	2	
3	Grading	Grading	3/27/2023	9/28/2023	6	160	

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

4	Paving	Paving	9/27/2023	2/29/2024	6	134
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**Acres of Grading (Site Preparation Phase): 1.88**

**Acres of Grading (Grading Phase): 160**

**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
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Graders	1	8.00	187	0.41
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	188.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	50.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 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					4.6200e-003	0.0000	4.6200e-003	7.0000e-004	0.0000	7.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0147	0.1432	0.1346	2.4000e-004		6.7700e-003	6.7700e-003		6.3300e-003	6.3300e-003	0.0000	21.0866	21.0866	5.3500e-003	0.0000	21.2202
<b>Total</b>	<b>0.0147</b>	<b>0.1432</b>	<b>0.1346</b>	<b>2.4000e-004</b>	<b>4.6200e-003</b>	<b>6.7700e-003</b>	<b>0.0114</b>	<b>7.0000e-004</b>	<b>6.3300e-003</b>	<b>7.0300e-003</b>	<b>0.0000</b>	<b>21.0866</b>	<b>21.0866</b>	<b>5.3500e-003</b>	<b>0.0000</b>	<b>21.2202</b>



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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.2 Demolition - 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	1.8000e-004	0.0118	3.2300e-003	5.0000e-005	1.6100e-003	8.0000e-005	1.7000e-003	4.4000e-004	8.0000e-005	5.2000e-004	0.0000	5.3394	5.3394	3.6000e-004	8.5000e-004	5.6019
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.6000e-004	3.2400e-003	1.0000e-005	1.0500e-003	1.0000e-005	1.0500e-003	2.8000e-004	1.0000e-005	2.8000e-004	0.0000	0.8151	0.8151	3.0000e-005	2.0000e-005	0.8229
<b>Total</b>	<b>5.5000e-004</b>	<b>0.0120</b>	<b>6.4700e-003</b>	<b>6.0000e-005</b>	<b>2.6600e-003</b>	<b>9.0000e-005</b>	<b>2.7500e-003</b>	<b>7.2000e-004</b>	<b>9.0000e-005</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>6.1545</b>	<b>6.1545</b>	<b>3.9000e-004</b>	<b>8.7000e-004</b>	<b>6.4248</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					4.6200e-003	0.0000	4.6200e-003	7.0000e-004	0.0000	7.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0147	0.1432	0.1346	2.4000e-004		6.7700e-003	6.7700e-003		6.3300e-003	6.3300e-003	0.0000	21.0865	21.0865	5.3500e-003	0.0000	21.2202
<b>Total</b>	<b>0.0147</b>	<b>0.1432</b>	<b>0.1346</b>	<b>2.4000e-004</b>	<b>4.6200e-003</b>	<b>6.7700e-003</b>	<b>0.0114</b>	<b>7.0000e-004</b>	<b>6.3300e-003</b>	<b>7.0300e-003</b>	<b>0.0000</b>	<b>21.0865</b>	<b>21.0865</b>	<b>5.3500e-003</b>	<b>0.0000</b>	<b>21.2202</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.2 Demolition - 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	1.8000e-004	0.0118	3.2300e-003	5.0000e-005	1.6100e-003	8.0000e-005	1.7000e-003	4.4000e-004	8.0000e-005	5.2000e-004	0.0000	5.3394	5.3394	3.6000e-004	8.5000e-004	5.6019
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.6000e-004	3.2400e-003	1.0000e-005	1.0500e-003	1.0000e-005	1.0500e-003	2.8000e-004	1.0000e-005	2.8000e-004	0.0000	0.8151	0.8151	3.0000e-005	2.0000e-005	0.8229
<b>Total</b>	<b>5.5000e-004</b>	<b>0.0120</b>	<b>6.4700e-003</b>	<b>6.0000e-005</b>	<b>2.6600e-003</b>	<b>9.0000e-005</b>	<b>2.7500e-003</b>	<b>7.2000e-004</b>	<b>9.0000e-005</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>6.1545</b>	<b>6.1545</b>	<b>3.9000e-004</b>	<b>8.7000e-004</b>	<b>6.4248</b>

**3.3 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					6.2700e-003	0.0000	6.2700e-003	3.0000e-003	0.0000	3.0000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1300e-003	0.0124	6.6400e-003	2.0000e-005		5.1000e-004	5.1000e-004		4.7000e-004	4.7000e-004	0.0000	1.5114	1.5114	4.9000e-004	0.0000	1.5236
<b>Total</b>	<b>1.1300e-003</b>	<b>0.0124</b>	<b>6.6400e-003</b>	<b>2.0000e-005</b>	<b>6.2700e-003</b>	<b>5.1000e-004</b>	<b>6.7800e-003</b>	<b>3.0000e-003</b>	<b>4.7000e-004</b>	<b>3.4700e-003</b>	<b>0.0000</b>	<b>1.5114</b>	<b>1.5114</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>1.5236</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.3 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	2.0000e-005	2.0000e-005	2.0000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0502	0.0502	0.0000	0.0000	0.0506
<b>Total</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0502</b>	<b>0.0502</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0506</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					6.2700e-003	0.0000	6.2700e-003	3.0000e-003	0.0000	3.0000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1300e-003	0.0124	6.6400e-003	2.0000e-005		5.1000e-004	5.1000e-004		4.7000e-004	4.7000e-004	0.0000	1.5114	1.5114	4.9000e-004	0.0000	1.5236
<b>Total</b>	<b>1.1300e-003</b>	<b>0.0124</b>	<b>6.6400e-003</b>	<b>2.0000e-005</b>	<b>6.2700e-003</b>	<b>5.1000e-004</b>	<b>6.7800e-003</b>	<b>3.0000e-003</b>	<b>4.7000e-004</b>	<b>3.4700e-003</b>	<b>0.0000</b>	<b>1.5114</b>	<b>1.5114</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>1.5236</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.3 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	2.0000e-005	2.0000e-005	2.0000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0502	0.0502	0.0000	0.0000	0.0506
<b>Total</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0502</b>	<b>0.0502</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0506</b>

**3.4 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					0.5666	0.0000	0.5666	0.2740	0.0000	0.2740	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1066	1.1574	0.6963	1.6500e-003		0.0484	0.0484		0.0445	0.0445	0.0000	144.8313	144.8313	0.0468	0.0000	146.0023
<b>Total</b>	<b>0.1066</b>	<b>1.1574</b>	<b>0.6963</b>	<b>1.6500e-003</b>	<b>0.5666</b>	<b>0.0484</b>	<b>0.6150</b>	<b>0.2740</b>	<b>0.0445</b>	<b>0.3185</b>	<b>0.0000</b>	<b>144.8313</b>	<b>144.8313</b>	<b>0.0468</b>	<b>0.0000</b>	<b>146.0023</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.4 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	5.0000e-005	3.1300e-003	8.6000e-004	1.0000e-005	4.3000e-004	2.0000e-005	4.5000e-004	1.2000e-004	2.0000e-005	1.4000e-004	0.0000	1.4201	1.4201	1.0000e-004	2.3000e-004	1.4899
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2900e-003	1.6000e-003	0.0199	5.0000e-005	6.4500e-003	4.0000e-005	6.4900e-003	1.7100e-003	3.0000e-005	1.7500e-003	0.0000	5.0163	5.0163	1.6000e-004	1.5000e-004	5.0642
<b>Total</b>	<b>2.3400e-003</b>	<b>4.7300e-003</b>	<b>0.0208</b>	<b>6.0000e-005</b>	<b>6.8800e-003</b>	<b>6.0000e-005</b>	<b>6.9400e-003</b>	<b>1.8300e-003</b>	<b>5.0000e-005</b>	<b>1.8900e-003</b>	<b>0.0000</b>	<b>6.4363</b>	<b>6.4363</b>	<b>2.6000e-004</b>	<b>3.8000e-004</b>	<b>6.5540</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					0.5666	0.0000	0.5666	0.2740	0.0000	0.2740	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1066	1.1574	0.6963	1.6500e-003		0.0484	0.0484		0.0445	0.0445	0.0000	144.8311	144.8311	0.0468	0.0000	146.0022
<b>Total</b>	<b>0.1066</b>	<b>1.1574</b>	<b>0.6963</b>	<b>1.6500e-003</b>	<b>0.5666</b>	<b>0.0484</b>	<b>0.6150</b>	<b>0.2740</b>	<b>0.0445</b>	<b>0.3185</b>	<b>0.0000</b>	<b>144.8311</b>	<b>144.8311</b>	<b>0.0468</b>	<b>0.0000</b>	<b>146.0022</b>

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**3.4 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	5.0000e-005	3.1300e-003	8.6000e-004	1.0000e-005	4.3000e-004	2.0000e-005	4.5000e-004	1.2000e-004	2.0000e-005	1.4000e-004	0.0000	1.4201	1.4201	1.0000e-004	2.3000e-004	1.4899
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2900e-003	1.6000e-003	0.0199	5.0000e-005	6.4500e-003	4.0000e-005	6.4900e-003	1.7100e-003	3.0000e-005	1.7500e-003	0.0000	5.0163	5.0163	1.6000e-004	1.5000e-004	5.0642
<b>Total</b>	<b>2.3400e-003</b>	<b>4.7300e-003</b>	<b>0.0208</b>	<b>6.0000e-005</b>	<b>6.8800e-003</b>	<b>6.0000e-005</b>	<b>6.9400e-003</b>	<b>1.8300e-003</b>	<b>5.0000e-005</b>	<b>1.8900e-003</b>	<b>0.0000</b>	<b>6.4363</b>	<b>6.4363</b>	<b>2.6000e-004</b>	<b>3.8000e-004</b>	<b>6.5540</b>

**3.5 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	0.0264	0.2557	0.3609	5.6000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	48.2670	48.2670	0.0153	0.0000	48.6495
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0264</b>	<b>0.2557</b>	<b>0.3609</b>	<b>5.6000e-004</b>		<b>0.0127</b>	<b>0.0127</b>		<b>0.0117</b>	<b>0.0117</b>	<b>0.0000</b>	<b>48.2670</b>	<b>48.2670</b>	<b>0.0153</b>	<b>0.0000</b>	<b>48.6495</b>

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**3.5 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	1.5200e-003	1.0700e-003	0.0133	4.0000e-005	4.3000e-003	2.0000e-005	4.3200e-003	1.1400e-003	2.0000e-005	1.1600e-003	0.0000	3.3421	3.3421	1.1000e-004	1.0000e-004	3.3740
<b>Total</b>	<b>1.5200e-003</b>	<b>1.0700e-003</b>	<b>0.0133</b>	<b>4.0000e-005</b>	<b>4.3000e-003</b>	<b>2.0000e-005</b>	<b>4.3200e-003</b>	<b>1.1400e-003</b>	<b>2.0000e-005</b>	<b>1.1600e-003</b>	<b>0.0000</b>	<b>3.3421</b>	<b>3.3421</b>	<b>1.1000e-004</b>	<b>1.0000e-004</b>	<b>3.3740</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	0.0264	0.2557	0.3609	5.6000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	48.2669	48.2669	0.0153	0.0000	48.6494
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0264</b>	<b>0.2557</b>	<b>0.3609</b>	<b>5.6000e-004</b>		<b>0.0127</b>	<b>0.0127</b>		<b>0.0117</b>	<b>0.0117</b>	<b>0.0000</b>	<b>48.2669</b>	<b>48.2669</b>	<b>0.0153</b>	<b>0.0000</b>	<b>48.6494</b>

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**3.5 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	1.5200e-003	1.0700e-003	0.0133	4.0000e-005	4.3000e-003	2.0000e-005	4.3200e-003	1.1400e-003	2.0000e-005	1.1600e-003	0.0000	3.3421	3.3421	1.1000e-004	1.0000e-004	3.3740
<b>Total</b>	<b>1.5200e-003</b>	<b>1.0700e-003</b>	<b>0.0133</b>	<b>4.0000e-005</b>	<b>4.3000e-003</b>	<b>2.0000e-005</b>	<b>4.3200e-003</b>	<b>1.1400e-003</b>	<b>2.0000e-005</b>	<b>1.1600e-003</b>	<b>0.0000</b>	<b>3.3421</b>	<b>3.3421</b>	<b>1.1000e-004</b>	<b>1.0000e-004</b>	<b>3.3740</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	0.0161	0.1524	0.2295	3.5000e-004		7.3100e-003	7.3100e-003		6.7400e-003	6.7400e-003	0.0000	30.6126	30.6126	9.7000e-003	0.0000	30.8552
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0161</b>	<b>0.1524</b>	<b>0.2295</b>	<b>3.5000e-004</b>		<b>7.3100e-003</b>	<b>7.3100e-003</b>		<b>6.7400e-003</b>	<b>6.7400e-003</b>	<b>0.0000</b>	<b>30.6126</b>	<b>30.6126</b>	<b>9.7000e-003</b>	<b>0.0000</b>	<b>30.8552</b>



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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	9.0000e-004	6.1000e-004	7.8500e-003	2.0000e-005	2.7300e-003	1.0000e-005	2.7400e-003	7.2000e-004	1.0000e-005	7.4000e-004	0.0000	2.0707	2.0707	6.0000e-005	6.0000e-005	2.0896
<b>Total</b>	<b>9.0000e-004</b>	<b>6.1000e-004</b>	<b>7.8500e-003</b>	<b>2.0000e-005</b>	<b>2.7300e-003</b>	<b>1.0000e-005</b>	<b>2.7400e-003</b>	<b>7.2000e-004</b>	<b>1.0000e-005</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>2.0707</b>	<b>2.0707</b>	<b>6.0000e-005</b>	<b>6.0000e-005</b>	<b>2.0896</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	0.0161	0.1524	0.2295	3.5000e-004		7.3100e-003	7.3100e-003		6.7400e-003	6.7400e-003	0.0000	30.6125	30.6125	9.7000e-003	0.0000	30.8552
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0161</b>	<b>0.1524</b>	<b>0.2295</b>	<b>3.5000e-004</b>		<b>7.3100e-003</b>	<b>7.3100e-003</b>		<b>6.7400e-003</b>	<b>6.7400e-003</b>	<b>0.0000</b>	<b>30.6125</b>	<b>30.6125</b>	<b>9.7000e-003</b>	<b>0.0000</b>	<b>30.8552</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	9.0000e-004	6.1000e-004	7.8500e-003	2.0000e-005	2.7300e-003	1.0000e-005	2.7400e-003	7.2000e-004	1.0000e-005	7.4000e-004	0.0000	2.0707	2.0707	6.0000e-005	6.0000e-005	2.0896
<b>Total</b>	<b>9.0000e-004</b>	<b>6.1000e-004</b>	<b>7.8500e-003</b>	<b>2.0000e-005</b>	<b>2.7300e-003</b>	<b>1.0000e-005</b>	<b>2.7400e-003</b>	<b>7.2000e-004</b>	<b>1.0000e-005</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>2.0707</b>	<b>2.0707</b>	<b>6.0000e-005</b>	<b>6.0000e-005</b>	<b>2.0896</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

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

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.548670	0.058343	0.171689	0.130773	0.027316	0.007545	0.011806	0.006161	0.000681	0.000392	0.029028	0.000637	0.006958

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**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



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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	7.2000e-004	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Unmitigated	7.2000e-004	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
<b>Total</b>	<b>7.2000e-004</b>	<b>0.0000</b>	<b>2.0000e-005</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>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>

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**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	7.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
<b>Total</b>	<b>7.2000e-004</b>	<b>0.0000</b>	<b>2.0000e-005</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>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</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 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			
City Park	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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**7.2 Water by Land Use**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
<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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**8.2 Waste by Land Use**

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
<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			
City Park	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**

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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 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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