

Veterans Memorial Park - San Diego County, Summer

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

**Veterans Memorial Park  
San Diego County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	2.00	1000sqft	0.05	2,000.00	0
Parking Lot	103.00	Space	0.93	41,200.00	0
City Park	29.00	Acre	29.00	1,263,240.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.6	<b>Precipitation Freq (Days)</b>	40
<b>Climate Zone</b>	13			<b>Operational Year</b>	2025
<b>Utility Company</b>	San Diego Gas & Electric				
<b>CO2 Intensity (lb/MWhr)</b>	539.98	<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 - 30 acre total site based on estimate of area to be graded
- Building for purpose of utility, consumer factors
- Construction Phase - Construction schedule per applicant
- Off-road Equipment -
- Off-road Equipment - 2 small buildings
- Off-road Equipment - Demo limited to V ditch removal
- Off-road Equipment -
- Off-road Equipment -
- Off-road Equipment - Staging area const & brush clearing



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

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	35.00	23.00
tblConstructionPhase	NumDays	440.00	199.00
tblConstructionPhase	NumDays	30.00	23.00
tblConstructionPhase	NumDays	45.00	133.00
tblConstructionPhase	NumDays	35.00	23.00
tblConstructionPhase	NumDays	20.00	45.00
tblEnergyUse	NT24NG	4.20	0.00
tblEnergyUse	T24NG	15.83	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblTripsAndVMT	VendorTripNumber	214.00	6.00
tblTripsAndVMT	WorkerTripNumber	549.00	50.00
tblTripsAndVMT	WorkerTripNumber	110.00	6.00
tblVehicleTrips	CC_TL	7.30	3.66
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TL	7.30	3.66

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

tblVehicleTrips	CNW_TTP	19.00	100.00
tblVehicleTrips	CW_TL	9.50	3.66
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	ST_TR	1.96	37.90
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	SU_TR	2.19	37.90
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	WD_TR	0.78	30.79
tblVehicleTrips	WD_TR	9.74	0.00
tblWater	OutdoorWaterUseRate	34,552,959.14	14,965,000.00
tblWater	OutdoorWaterUseRate	217,867.17	0.00

**2.0 Emissions Summary**

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Veterans Memorial Park - San Diego County, Summer

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

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.3764	34.5495	28.5312	0.0635	9.3679	1.4254	10.7933	3.6973	1.3113	5.0087			6,158.2105	1.9482	0.0106	6,208.0058
2024	3.2695	32.4075	28.1706	0.0635	9.3679	1.3362	10.7041	3.6973	1.2293	4.9267			6,151.6604	1.9473	0.0274	6,201.3614
2025	3.4460	8.6024	14.8924	0.0238	0.4514	0.4191	0.6824	0.1207	0.3856	0.4183			2,309.5487	0.7162	0.0265	2,328.1704
<b>Maximum</b>	<b>3.4460</b>	<b>34.5495</b>	<b>28.5312</b>	<b>0.0635</b>	<b>9.3679</b>	<b>1.4254</b>	<b>10.7933</b>	<b>3.6973</b>	<b>1.3113</b>	<b>5.0087</b>			<b>6,158.2105</b>	<b>1.9482</b>	<b>0.0274</b>	<b>6,208.0058</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	lb/day										lb/day					
2023	1.5778	30.0121	37.2026	0.0635	4.3059	1.3003	5.6062	1.6878	1.3002	2.9880			6,158.2105	1.9482	0.0106	6,208.0058
2024	1.5744	30.0087	37.1704	0.0635	4.3059	1.3003	5.6062	1.6878	1.3002	2.9880			6,151.6604	1.9473	0.0274	6,201.3614
2025	3.3346	11.3160	17.6101	0.0238	0.4514	0.6099	0.9343	0.1207	0.6099	0.6426			2,309.5487	0.7162	0.0265	2,328.1704
<b>Maximum</b>	<b>3.3346</b>	<b>30.0121</b>	<b>37.2026</b>	<b>0.0635</b>	<b>4.3059</b>	<b>1.3003</b>	<b>5.6062</b>	<b>1.6878</b>	<b>1.3002</b>	<b>2.9880</b>			<b>6,158.2105</b>	<b>1.9482</b>	<b>0.0274</b>	<b>6,208.0058</b>

## Veterans Memorial Park - San Diego County, Summer

**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	35.72	5.59	-28.48	0.00	52.76	-0.94	45.24	53.48	-9.71	36.08	0.00	0.00	0.00	0.00	0.00	0.00

Veterans Memorial Park - San Diego County, Summer

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

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1443	1.2000e-004	0.0137	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005			0.0293	8.0000e-005		0.0312
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
Mobile	2.2426	1.7326	15.2069	0.0291	3.0824	0.0233	3.1057	0.8211	0.0217	0.8428			2,964.5755	0.2499	0.1513	3,015.9190
<b>Total</b>	<b>2.3869</b>	<b>1.7327</b>	<b>15.2206</b>	<b>0.0291</b>	<b>3.0824</b>	<b>0.0234</b>	<b>3.1057</b>	<b>0.8211</b>	<b>0.0218</b>	<b>0.8429</b>			<b>2,964.6049</b>	<b>0.2500</b>	<b>0.1513</b>	<b>3,015.9502</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1443	1.2000e-004	0.0137	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005			0.0293	8.0000e-005		0.0312
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
Mobile	2.2426	1.7326	15.2069	0.0291	3.0824	0.0233	3.1057	0.8211	0.0217	0.8428			2,964.5755	0.2499	0.1513	3,015.9190
<b>Total</b>	<b>2.3869</b>	<b>1.7327</b>	<b>15.2206</b>	<b>0.0291</b>	<b>3.0824</b>	<b>0.0234</b>	<b>3.1057</b>	<b>0.8211</b>	<b>0.0218</b>	<b>0.8429</b>			<b>2,964.6049</b>	<b>0.2500</b>	<b>0.1513</b>	<b>3,015.9502</b>

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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
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/19/2023	8/18/2023	5	23	
2	Site Preparation	Site Preparation	8/21/2023	10/20/2023	5	45	
3	Grading	Grading	10/23/2023	4/24/2024	5	133	
4	Building Construction	Building Construction	4/25/2024	1/28/2025	5	199	
5	Paving	Paving	1/29/2025	2/28/2025	5	23	
6	Architectural Coating	Architectural Coating	3/3/2025	4/2/2025	5	23	

**Acres of Grading (Site Preparation Phase): 45**

**Acres of Grading (Grading Phase): 399**

**Acres of Paving: 0.93**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,000; Non-Residential Outdoor: 1,000; Striped Parking Area: 2,472 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41



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Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	0	0.00	231	0.29
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	0.00	20.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	50.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	6.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

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

Use Cleaner Engines for Construction Equipment

Water Exposed Area

**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	lb/day										lb/day					
Fugitive Dust					0.1884	0.0000	0.1884	0.0285	0.0000	0.0285			0.0000			0.0000
Off-Road	0.6738	5.6686	9.1464	0.0145		0.2799	0.2799		0.2678	0.2678			1,394.3478	0.2885		1,401.5598
<b>Total</b>	<b>0.6738</b>	<b>5.6686</b>	<b>9.1464</b>	<b>0.0145</b>	<b>0.1884</b>	<b>0.2799</b>	<b>0.4683</b>	<b>0.0285</b>	<b>0.2678</b>	<b>0.2963</b>			<b>1,394.3478</b>	<b>0.2885</b>		<b>1,401.5598</b>

Veterans Memorial Park - San Diego County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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	lb/day										lb/day					
Hauling	1.9700e-003	0.1138	0.0313	5.2000e-004	0.0152	9.7000e-004	0.0162	4.1700e-003	9.2000e-004	5.0900e-003			57.5024	2.9000e-003	9.1400e-003	60.2998
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0219	0.0136	0.1920	5.8000e-004	0.0657	3.5000e-004	0.0661	0.0174	3.2000e-004	0.0178			58.6931	1.5900e-003	1.4600e-003	59.1689
<b>Total</b>	<b>0.0238</b>	<b>0.1273</b>	<b>0.2232</b>	<b>1.1000e-003</b>	<b>0.0809</b>	<b>1.3200e-003</b>	<b>0.0822</b>	<b>0.0216</b>	<b>1.2400e-003</b>	<b>0.0229</b>			<b>116.1955</b>	<b>4.4900e-003</b>	<b>0.0106</b>	<b>119.4687</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	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	0.0128	0.0000	0.0128			0.0000			0.0000
Off-Road	0.5368	6.7753	9.9175	0.0145		0.3684	0.3684		0.3684	0.3684			1,394.3478	0.2885		1,401.5598
<b>Total</b>	<b>0.5368</b>	<b>6.7753</b>	<b>9.9175</b>	<b>0.0145</b>	<b>0.0848</b>	<b>0.3684</b>	<b>0.4532</b>	<b>0.0128</b>	<b>0.3684</b>	<b>0.3813</b>			<b>1,394.3478</b>	<b>0.2885</b>		<b>1,401.5598</b>

Veterans Memorial Park - San Diego County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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	lb/day										lb/day					
Hauling	1.9700e-003	0.1138	0.0313	5.2000e-004	0.0152	9.7000e-004	0.0162	4.1700e-003	9.2000e-004	5.0900e-003			57.5024	2.9000e-003	9.1400e-003	60.2998
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0219	0.0136	0.1920	5.8000e-004	0.0657	3.5000e-004	0.0661	0.0174	3.2000e-004	0.0178			58.6931	1.5900e-003	1.4600e-003	59.1689
<b>Total</b>	<b>0.0238</b>	<b>0.1273</b>	<b>0.2232</b>	<b>1.1000e-003</b>	<b>0.0809</b>	<b>1.3200e-003</b>	<b>0.0822</b>	<b>0.0216</b>	<b>1.2400e-003</b>	<b>0.0229</b>			<b>116.1955</b>	<b>4.4900e-003</b>	<b>0.0106</b>	<b>119.4687</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	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.3709	14.8515	9.2616	0.0214		0.6233	0.6233		0.5734	0.5734			2,071.0089	0.6698		2,087.7540
<b>Total</b>	<b>1.3709</b>	<b>14.8515</b>	<b>9.2616</b>	<b>0.0214</b>	<b>7.0826</b>	<b>0.6233</b>	<b>7.7059</b>	<b>3.4247</b>	<b>0.5734</b>	<b>3.9982</b>			<b>2,071.0089</b>	<b>0.6698</b>		<b>2,087.7540</b>

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**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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0273	0.0170	0.2400	7.3000e-004	0.0822	4.4000e-004	0.0826	0.0218	4.1000e-004	0.0222			73.3664	1.9900e-003	1.8300e-003	73.9611
<b>Total</b>	<b>0.0273</b>	<b>0.0170</b>	<b>0.2400</b>	<b>7.3000e-004</b>	<b>0.0822</b>	<b>4.4000e-004</b>	<b>0.0826</b>	<b>0.0218</b>	<b>4.1000e-004</b>	<b>0.0222</b>			<b>73.3664</b>	<b>1.9900e-003</b>	<b>1.8300e-003</b>	<b>73.9611</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	lb/day										lb/day					
Fugitive Dust					3.1872	0.0000	3.1872	1.5411	0.0000	1.5411			0.0000			0.0000
Off-Road	0.5233	10.6486	12.7305	0.0214		0.5154	0.5154		0.5154	0.5154			2,071.0089	0.6698		2,087.7540
<b>Total</b>	<b>0.5233</b>	<b>10.6486</b>	<b>12.7305</b>	<b>0.0214</b>	<b>3.1872</b>	<b>0.5154</b>	<b>3.7026</b>	<b>1.5411</b>	<b>0.5154</b>	<b>2.0565</b>			<b>2,071.0089</b>	<b>0.6698</b>		<b>2,087.7540</b>

Veterans Memorial Park - San Diego County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0273	0.0170	0.2400	7.3000e-004	0.0822	4.4000e-004	0.0826	0.0218	4.1000e-004	0.0222			73.3664	1.9900e-003	1.8300e-003	73.9611
<b>Total</b>	<b>0.0273</b>	<b>0.0170</b>	<b>0.2400</b>	<b>7.3000e-004</b>	<b>0.0822</b>	<b>4.4000e-004</b>	<b>0.0826</b>	<b>0.0218</b>	<b>4.1000e-004</b>	<b>0.0222</b>			<b>73.3664</b>	<b>1.9900e-003</b>	<b>1.8300e-003</b>	<b>73.9611</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	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105			6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>9.2036</b>	<b>1.4245</b>	<b>10.6281</b>	<b>3.6538</b>	<b>1.3105</b>	<b>4.9643</b>			<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

Veterans Memorial Park - San Diego County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0547	0.0339	0.4800	1.4500e-003	0.1643	8.8000e-004	0.1652	0.0436	8.1000e-004	0.0444			146.7328	3.9800e-003	3.6600e-003	147.9223
<b>Total</b>	<b>0.0547</b>	<b>0.0339</b>	<b>0.4800</b>	<b>1.4500e-003</b>	<b>0.1643</b>	<b>8.8000e-004</b>	<b>0.1652</b>	<b>0.0436</b>	<b>8.1000e-004</b>	<b>0.0444</b>			<b>146.7328</b>	<b>3.9800e-003</b>	<b>3.6600e-003</b>	<b>147.9223</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	lb/day										lb/day					
Fugitive Dust					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	1.5231	29.9782	36.7226	0.0621		1.2994	1.2994		1.2994	1.2994			6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>1.5231</b>	<b>29.9782</b>	<b>36.7226</b>	<b>0.0621</b>	<b>4.1416</b>	<b>1.2994</b>	<b>5.4410</b>	<b>1.6442</b>	<b>1.2994</b>	<b>2.9436</b>			<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

Veterans Memorial Park - San Diego County, Summer

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

**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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0547	0.0339	0.4800	1.4500e-003	0.1643	8.8000e-004	0.1652	0.0436	8.1000e-004	0.0444			146.7328	3.9800e-003	3.6600e-003	147.9223
<b>Total</b>	<b>0.0547</b>	<b>0.0339</b>	<b>0.4800</b>	<b>1.4500e-003</b>	<b>0.1643</b>	<b>8.8000e-004</b>	<b>0.1652</b>	<b>0.0436</b>	<b>8.1000e-004</b>	<b>0.0444</b>			<b>146.7328</b>	<b>3.9800e-003</b>	<b>3.6600e-003</b>	<b>147.9223</b>

**3.4 Grading - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286			6,009.7487	1.9437		6,058.3405
<b>Total</b>	<b>3.2181</b>	<b>32.3770</b>	<b>27.7228</b>	<b>0.0621</b>	<b>9.2036</b>	<b>1.3354</b>	<b>10.5390</b>	<b>3.6538</b>	<b>1.2286</b>	<b>4.8823</b>			<b>6,009.7487</b>	<b>1.9437</b>		<b>6,058.3405</b>



Veterans Memorial Park - San Diego County, Summer

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

**3.4 Grading - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0513	0.0305	0.4478	1.4000e-003	0.1643	8.4000e-004	0.1651	0.0436	7.7000e-004	0.0444			141.9117	3.6200e-003	3.4200e-003	143.0209
<b>Total</b>	<b>0.0513</b>	<b>0.0305</b>	<b>0.4478</b>	<b>1.4000e-003</b>	<b>0.1643</b>	<b>8.4000e-004</b>	<b>0.1651</b>	<b>0.0436</b>	<b>7.7000e-004</b>	<b>0.0444</b>			<b>141.9117</b>	<b>3.6200e-003</b>	<b>3.4200e-003</b>	<b>143.0209</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	lb/day										lb/day					
Fugitive Dust					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	1.5231	29.9782	36.7226	0.0621		1.2994	1.2994		1.2994	1.2994			6,009.7487	1.9437		6,058.3405
<b>Total</b>	<b>1.5231</b>	<b>29.9782</b>	<b>36.7226</b>	<b>0.0621</b>	<b>4.1416</b>	<b>1.2994</b>	<b>5.4410</b>	<b>1.6442</b>	<b>1.2994</b>	<b>2.9436</b>			<b>6,009.7487</b>	<b>1.9437</b>		<b>6,058.3405</b>

Veterans Memorial Park - San Diego County, Summer

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

**3.4 Grading - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0513	0.0305	0.4478	1.4000e-003	0.1643	8.4000e-004	0.1651	0.0436	7.7000e-004	0.0444			141.9117	3.6200e-003	3.4200e-003	143.0209
<b>Total</b>	<b>0.0513</b>	<b>0.0305</b>	<b>0.4478</b>	<b>1.4000e-003</b>	<b>0.1643</b>	<b>8.4000e-004</b>	<b>0.1651</b>	<b>0.0436</b>	<b>7.7000e-004</b>	<b>0.0444</b>			<b>141.9117</b>	<b>3.6200e-003</b>	<b>3.4200e-003</b>	<b>143.0209</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7410	6.0760	8.4230	0.0134		0.2674	0.2674		0.2586	0.2586			1,242.5890	0.1797		1,247.0806
<b>Total</b>	<b>0.7410</b>	<b>6.0760</b>	<b>8.4230</b>	<b>0.0134</b>		<b>0.2674</b>	<b>0.2674</b>		<b>0.2586</b>	<b>0.2586</b>			<b>1,242.5890</b>	<b>0.1797</b>		<b>1,247.0806</b>

Veterans Memorial Park - San Diego County, Summer

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

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	6.9000e-003	0.2555	0.0905	1.2100e-003	0.0406	1.5700e-003	0.0422	0.0117	1.5100e-003	0.0132			130.3158	4.1100e-003	0.0189	136.0412
Worker	0.1283	0.0763	1.1195	3.5100e-003	0.4107	2.1000e-003	0.4128	0.1090	1.9300e-003	0.1109			354.7794	9.0500e-003	8.5500e-003	357.5522
<b>Total</b>	<b>0.1352</b>	<b>0.3317</b>	<b>1.2100</b>	<b>4.7200e-003</b>	<b>0.4514</b>	<b>3.6700e-003</b>	<b>0.4550</b>	<b>0.1207</b>	<b>3.4400e-003</b>	<b>0.1241</b>			<b>485.0952</b>	<b>0.0132</b>	<b>0.0274</b>	<b>493.5934</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	lb/day										lb/day					
Off-Road	0.3416	7.0720	8.7641	0.0134		0.4793	0.4793		0.4793	0.4793			1,242.5890	0.1797		1,247.0806
<b>Total</b>	<b>0.3416</b>	<b>7.0720</b>	<b>8.7641</b>	<b>0.0134</b>		<b>0.4793</b>	<b>0.4793</b>		<b>0.4793</b>	<b>0.4793</b>			<b>1,242.5890</b>	<b>0.1797</b>		<b>1,247.0806</b>

Veterans Memorial Park - San Diego County, Summer

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

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	6.9000e-003	0.2555	0.0905	1.2100e-003	0.0406	1.5700e-003	0.0422	0.0117	1.5100e-003	0.0132			130.3158	4.1100e-003	0.0189	136.0412
Worker	0.1283	0.0763	1.1195	3.5100e-003	0.4107	2.1000e-003	0.4128	0.1090	1.9300e-003	0.1109			354.7794	9.0500e-003	8.5500e-003	357.5522
<b>Total</b>	<b>0.1352</b>	<b>0.3317</b>	<b>1.2100</b>	<b>4.7200e-003</b>	<b>0.4514</b>	<b>3.6700e-003</b>	<b>0.4550</b>	<b>0.1207</b>	<b>3.4400e-003</b>	<b>0.1241</b>			<b>485.0952</b>	<b>0.0132</b>	<b>0.0274</b>	<b>493.5934</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6887	5.7243	8.3959	0.0134		0.2274	0.2274		0.2201	0.2201			1,242.8420	0.1761		1,247.2443
<b>Total</b>	<b>0.6887</b>	<b>5.7243</b>	<b>8.3959</b>	<b>0.0134</b>		<b>0.2274</b>	<b>0.2274</b>		<b>0.2201</b>	<b>0.2201</b>			<b>1,242.8420</b>	<b>0.1761</b>		<b>1,247.2443</b>

Veterans Memorial Park - San Diego County, Summer

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

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	6.6900e-003	0.2529	0.0890	1.1800e-003	0.0406	1.5700e-003	0.0422	0.0117	1.5000e-003	0.0132			127.8299	4.2200e-003	0.0185	133.4478
Worker	0.1208	0.0691	1.0480	3.3900e-003	0.4107	2.0000e-003	0.4127	0.1090	1.8400e-003	0.1108			342.6786	8.2400e-003	8.0200e-003	345.2752
<b>Total</b>	<b>0.1275</b>	<b>0.3220</b>	<b>1.1370</b>	<b>4.5700e-003</b>	<b>0.4514</b>	<b>3.5700e-003</b>	<b>0.4550</b>	<b>0.1207</b>	<b>3.3400e-003</b>	<b>0.1240</b>			<b>470.5085</b>	<b>0.0125</b>	<b>0.0265</b>	<b>478.7230</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	lb/day										lb/day					
Off-Road	0.3416	7.0720	8.7641	0.0134		0.4793	0.4793		0.4793	0.4793			1,242.8420	0.1761		1,247.2443
<b>Total</b>	<b>0.3416</b>	<b>7.0720</b>	<b>8.7641</b>	<b>0.0134</b>		<b>0.4793</b>	<b>0.4793</b>		<b>0.4793</b>	<b>0.4793</b>			<b>1,242.8420</b>	<b>0.1761</b>		<b>1,247.2443</b>

Veterans Memorial Park - San Diego County, Summer

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

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	6.6900e-003	0.2529	0.0890	1.1800e-003	0.0406	1.5700e-003	0.0422	0.0117	1.5000e-003	0.0132			127.8299	4.2200e-003	0.0185	133.4478
Worker	0.1208	0.0691	1.0480	3.3900e-003	0.4107	2.0000e-003	0.4127	0.1090	1.8400e-003	0.1108			342.6786	8.2400e-003	8.0200e-003	345.2752
<b>Total</b>	<b>0.1275</b>	<b>0.3220</b>	<b>1.1370</b>	<b>4.5700e-003</b>	<b>0.4514</b>	<b>3.5700e-003</b>	<b>0.4550</b>	<b>0.1207</b>	<b>3.3400e-003</b>	<b>0.1240</b>			<b>470.5085</b>	<b>0.0125</b>	<b>0.0265</b>	<b>478.7230</b>

**3.6 Paving - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850			2,206.7452	0.7137		2,224.5878
Paving	0.1059					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0211</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>			<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Veterans Memorial Park - San Diego County, Summer

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

**3.6 Paving - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0363	0.0207	0.3144	1.0200e-003	0.1232	6.0000e-004	0.1238	0.0327	5.5000e-004	0.0332			102.8036	2.4700e-003	2.4100e-003	103.5826
<b>Total</b>	<b>0.0363</b>	<b>0.0207</b>	<b>0.3144</b>	<b>1.0200e-003</b>	<b>0.1232</b>	<b>6.0000e-004</b>	<b>0.1238</b>	<b>0.0327</b>	<b>5.5000e-004</b>	<b>0.0332</b>			<b>102.8036</b>	<b>2.4700e-003</b>	<b>2.4100e-003</b>	<b>103.5826</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	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093			2,206.7452	0.7137		2,224.5878
Paving	0.1059					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.6669</b>	<b>11.2952</b>	<b>17.2957</b>	<b>0.0228</b>		<b>0.6093</b>	<b>0.6093</b>		<b>0.6093</b>	<b>0.6093</b>			<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Veterans Memorial Park - San Diego County, Summer

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

**3.6 Paving - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0363	0.0207	0.3144	1.0200e-003	0.1232	6.0000e-004	0.1238	0.0327	5.5000e-004	0.0332			102.8036	2.4700e-003	2.4100e-003	103.5826
<b>Total</b>	<b>0.0363</b>	<b>0.0207</b>	<b>0.3144</b>	<b>1.0200e-003</b>	<b>0.1232</b>	<b>6.0000e-004</b>	<b>0.1238</b>	<b>0.0327</b>	<b>5.5000e-004</b>	<b>0.0332</b>			<b>102.8036</b>	<b>2.4700e-003</b>	<b>2.4100e-003</b>	<b>103.5826</b>

**3.7 Architectural Coating - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.2606					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515			281.4481	0.0154		281.8319
<b>Total</b>	<b>3.4315</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>			<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>



Veterans Memorial Park - San Diego County, Summer

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

**3.7 Architectural Coating - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0145	8.2900e-003	0.1258	4.1000e-004	0.0493	2.4000e-004	0.0495	0.0131	2.2000e-004	0.0133			41.1214	9.9000e-004	9.6000e-004	41.4330
<b>Total</b>	<b>0.0145</b>	<b>8.2900e-003</b>	<b>0.1258</b>	<b>4.1000e-004</b>	<b>0.0493</b>	<b>2.4000e-004</b>	<b>0.0495</b>	<b>0.0131</b>	<b>2.2000e-004</b>	<b>0.0133</b>			<b>41.1214</b>	<b>9.9000e-004</b>	<b>9.6000e-004</b>	<b>41.4330</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	lb/day										lb/day					
Archit. Coating	3.2606					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3570	1.8324	2.9700e-003		0.0951	0.0951		0.0951	0.0951			281.4481	0.0154		281.8319
<b>Total</b>	<b>3.3201</b>	<b>1.3570</b>	<b>1.8324</b>	<b>2.9700e-003</b>		<b>0.0951</b>	<b>0.0951</b>		<b>0.0951</b>	<b>0.0951</b>			<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

Veterans Memorial Park - San Diego County, Summer

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

**3.7 Architectural Coating - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0145	8.2900e-003	0.1258	4.1000e-004	0.0493	2.4000e-004	0.0495	0.0131	2.2000e-004	0.0133			41.1214	9.9000e-004	9.6000e-004	41.4330
<b>Total</b>	<b>0.0145</b>	<b>8.2900e-003</b>	<b>0.1258</b>	<b>4.1000e-004</b>	<b>0.0493</b>	<b>2.4000e-004</b>	<b>0.0495</b>	<b>0.0131</b>	<b>2.2000e-004</b>	<b>0.0133</b>			<b>41.1214</b>	<b>9.9000e-004</b>	<b>9.6000e-004</b>	<b>41.4330</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Veterans Memorial Park - San Diego County, Summer

**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	lb/day										lb/day					
Mitigated	2.2426	1.7326	15.2069	0.0291	3.0824	0.0233	3.1057	0.8211	0.0217	0.8428			2,964,575 5	0.2499	0.1513	3,015.919 0
Unmitigated	2.2426	1.7326	15.2069	0.0291	3.0824	0.0233	3.1057	0.8211	0.0217	0.8428			2,964,575 5	0.2499	0.1513	3,015.919 0

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	892.91	1,099.10	1099.10	1,268,055	1,268,055
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
<b>Total</b>	<b>892.91</b>	<b>1,099.10</b>	<b>1,099.10</b>	<b>1,268,055</b>	<b>1,268,055</b>

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	3.66	3.66	3.66	0.00	0.00	100.00	100	0	0
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.561854	0.062428	0.177046	0.117565	0.023832	0.006317	0.008949	0.006298	0.000705	0.000577	0.028723	0.000955	0.004751
General Office Building	0.561854	0.062428	0.177046	0.117565	0.023832	0.006317	0.008949	0.006298	0.000705	0.000577	0.028723	0.000955	0.004751

Veterans Memorial Park - San Diego County, Summer

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

Parking Lot	0.561854	0.062428	0.177046	0.117565	0.023832	0.006317	0.008949	0.006298	0.000705	0.000577	0.028723	0.000955	0.004751
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**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

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

Veterans Memorial Park - San Diego County, Summer

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
<b>Total</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>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

Veterans Memorial Park - San Diego County, Summer

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

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
<b>Total</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>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Veterans Memorial Park - San Diego County, Summer

**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	lb/day										lb/day					
Mitigated	0.1443	1.2000e-004	0.0137	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005			0.0293	8.0000e-005		0.0312
Unmitigated	0.1443	1.2000e-004	0.0137	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005			0.0293	8.0000e-005		0.0312

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0206					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.2600e-003	1.2000e-004	0.0137	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005			0.0293	8.0000e-005		0.0312
<b>Total</b>	<b>0.1443</b>	<b>1.2000e-004</b>	<b>0.0137</b>	<b>0.0000</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>			<b>0.0293</b>	<b>8.0000e-005</b>		<b>0.0312</b>

Veterans Memorial Park - San Diego County, Summer

**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	lb/day										lb/day					
Architectural Coating	0.0206					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.2600e-003	1.2000e-004	0.0137	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005			0.0293	8.0000e-005		0.0312
<b>Total</b>	<b>0.1443</b>	<b>1.2000e-004</b>	<b>0.0137</b>	<b>0.0000</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>			<b>0.0293</b>	<b>8.0000e-005</b>		<b>0.0312</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

Use Reclaimed Water

Install Low Flow Bathroom Faucet

Install Low Flow Toilet



Veterans Memorial Park - San Diego County, Summer

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

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**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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**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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