

Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

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

**Beyond Desert Hot Springs  
Riverside-Salton Sea County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	61.94	1000sqft	1.42	61,941.00	0
Parking Lot	155.00	1000sqft	3.56	155,000.00	0
Fast Food Restaurant with Drive Thru	2.00	1000sqft	0.05	2,000.00	0
Convenience Market with Gas Pumps	18.00	Pump	0.37	15,968.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2026
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	531.98	<b>CH4 Intensity (lb/MW hr)</b>	0.033	<b>N2O Intensity (lb/MW hr)</b>	0.004

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

Project Characteristics - .

Land Use - Per TIA

Construction Phase -

Vehicle Trips - Per TIA; carwash trips added to convenience market with gas pumps land use; internal capture trips counted as pass by

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	61,940.00	61,941.00
tblLandUse	LandUseSquareFeet	2,541.15	15,968.00

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tblLandUse	LotAcreage	0.06	0.37
tblProjectCharacteristics	CH4IntensityFactor	0	0.033
tblProjectCharacteristics	CO2IntensityFactor	0	531.98
tblProjectCharacteristics	N2OIntensityFactor	0	0.004
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	PB_TP	65.00	32.86
tblVehicleTrips	PB_TP	50.00	42.00
tblVehicleTrips	PR_TP	14.00	67.14
tblVehicleTrips	PR_TP	29.00	58.00
tblVehicleTrips	ST_TR	322.50	355.17
tblVehicleTrips	ST_TR	616.12	467.50
tblVehicleTrips	SU_TR	322.50	355.17
tblVehicleTrips	SU_TR	472.58	467.50
tblVehicleTrips	WD_TR	322.50	355.17
tblVehicleTrips	WD_TR	470.95	467.50

**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					
2024	0.0420	0.4026	0.3678	7.6000e-004	0.1775	0.0175	0.1950	0.0870	0.0162	0.1032	0.0000	66.5486	66.5486	0.0176	6.5000e-004	67.1805
2025	0.4776	1.5913	2.1973	4.4600e-003	0.1103	0.0633	0.1736	0.0298	0.0595	0.0893	0.0000	393.5944	393.5944	0.0681	9.8700e-003	398.2384
<b>Maximum</b>	<b>0.4776</b>	<b>1.5913</b>	<b>2.1973</b>	<b>4.4600e-003</b>	<b>0.1775</b>	<b>0.0633</b>	<b>0.1950</b>	<b>0.0870</b>	<b>0.0595</b>	<b>0.1032</b>	<b>0.0000</b>	<b>393.5944</b>	<b>393.5944</b>	<b>0.0681</b>	<b>9.8700e-003</b>	<b>398.2384</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					
2024	0.0420	0.4026	0.3678	7.6000e-004	0.0845	0.0175	0.1020	0.0404	0.0162	0.0566	0.0000	66.5485	66.5485	0.0176	6.5000e-004	67.1804
2025	0.4776	1.5913	2.1973	4.4600e-003	0.1103	0.0633	0.1736	0.0298	0.0595	0.0893	0.0000	393.5941	393.5941	0.0681	9.8700e-003	398.2381
<b>Maximum</b>	<b>0.4776</b>	<b>1.5913</b>	<b>2.1973</b>	<b>4.4600e-003</b>	<b>0.1103</b>	<b>0.0633</b>	<b>0.1736</b>	<b>0.0404</b>	<b>0.0595</b>	<b>0.0893</b>	<b>0.0000</b>	<b>393.5941</b>	<b>393.5941</b>	<b>0.0681</b>	<b>9.8700e-003</b>	<b>398.2381</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	32.31	0.00	25.23	39.91	0.00	24.23	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-1-2024	1-31-2025	0.6202	0.6202
2	2-1-2025	4-30-2025	0.4897	0.4897
3	5-1-2025	7-31-2025	0.5052	0.5052
4	8-1-2025	9-30-2025	0.3350	0.3350
		Highest	0.6202	0.6202

**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	0.1128	2.0000e-005	2.1700e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2300e-003	4.2300e-003	1.0000e-005	0.0000	4.5100e-003
Energy	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1600e-003	2.1600e-003		2.1600e-003	2.1600e-003	0.0000	113.1194	113.1194	5.6900e-003	1.1900e-003	113.6149
Mobile	2.1964	2.3804	15.3564	0.0282	3.0334	0.0245	3.0579	0.8102	0.0229	0.8331	0.0000	2,610.9139	2,610.9139	0.2074	0.1690	2,666.4477
Waste						0.0000	0.0000		0.0000	0.0000	4.6769	0.0000	4.6769	0.2764	0.0000	11.5869
Water						0.0000	0.0000		0.0000	0.0000	0.2523	2.9120	3.1643	0.0261	6.3000e-004	4.0056
<b>Total</b>	<b>2.3122</b>	<b>2.4089</b>	<b>15.3824</b>	<b>0.0284</b>	<b>3.0334</b>	<b>0.0267</b>	<b>3.0601</b>	<b>0.8102</b>	<b>0.0251</b>	<b>0.8353</b>	<b>4.9292</b>	<b>2,726.9496</b>	<b>2,731.8788</b>	<b>0.5156</b>	<b>0.1708</b>	<b>2,795.6595</b>

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**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	0.1128	2.0000e-005	2.1700e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2300e-003	4.2300e-003	1.0000e-005	0.0000	4.5100e-003
Energy	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1600e-003	2.1600e-003		2.1600e-003	2.1600e-003	0.0000	113.1194	113.1194	5.6900e-003	1.1900e-003	113.6149
Mobile	2.1964	2.3804	15.3564	0.0282	3.0334	0.0245	3.0579	0.8102	0.0229	0.8331	0.0000	2,610.9139	2,610.9139	0.2074	0.1690	2,666.4477
Waste						0.0000	0.0000		0.0000	0.0000	4.6769	0.0000	4.6769	0.2764	0.0000	11.5869
Water						0.0000	0.0000		0.0000	0.0000	0.2523	2.9120	3.1643	0.0261	6.3000e-004	4.0056
<b>Total</b>	<b>2.3122</b>	<b>2.4089</b>	<b>15.3824</b>	<b>0.0284</b>	<b>3.0334</b>	<b>0.0267</b>	<b>3.0601</b>	<b>0.8102</b>	<b>0.0251</b>	<b>0.8353</b>	<b>4.9292</b>	<b>2,726.9496</b>	<b>2,731.8788</b>	<b>0.5156</b>	<b>0.1708</b>	<b>2,795.6595</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	11/1/2024	11/14/2024	5	10	
2	Grading	Grading	11/15/2024	12/12/2024	5	20	
3	Building Construction	Building Construction	12/13/2024	10/30/2025	5	230	

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4	Paving	Paving	10/31/2025	11/27/2025	5	20
5	Architectural Coating	Architectural Coating	11/28/2025	12/25/2025	5	20

**Acres of Grading (Site Preparation Phase): 15**

**Acres of Grading (Grading Phase): 20**

**Acres of Paving: 4.98**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 26,952; Non-Residential Outdoor: 8,984; Striped Parking Area: 13,016 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	97.00	39.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	19.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Site Preparation - 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					
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1359	0.0917	1.9000e-004		6.1500e-003	6.1500e-003		5.6600e-003	5.6600e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
<b>Total</b>	<b>0.0133</b>	<b>0.1359</b>	<b>0.0917</b>	<b>1.9000e-004</b>	<b>0.0983</b>	<b>6.1500e-003</b>	<b>0.1044</b>	<b>0.0505</b>	<b>5.6600e-003</b>	<b>0.0562</b>	<b>0.0000</b>	<b>16.7285</b>	<b>16.7285</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8638</b>

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**3.2 Site Preparation - 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	2.3000e-004	1.5000e-004	2.0800e-003	1.0000e-005	7.4000e-004	0.0000	7.4000e-004	2.0000e-004	0.0000	2.0000e-004	0.0000	0.5489	0.5489	2.0000e-005	2.0000e-005	0.5537
<b>Total</b>	<b>2.3000e-004</b>	<b>1.5000e-004</b>	<b>2.0800e-003</b>	<b>1.0000e-005</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>7.4000e-004</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>0.5489</b>	<b>0.5489</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.5537</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					0.0442	0.0000	0.0442	0.0227	0.0000	0.0227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1359	0.0917	1.9000e-004		6.1500e-003	6.1500e-003		5.6500e-003	5.6500e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
<b>Total</b>	<b>0.0133</b>	<b>0.1359</b>	<b>0.0917</b>	<b>1.9000e-004</b>	<b>0.0442</b>	<b>6.1500e-003</b>	<b>0.0504</b>	<b>0.0227</b>	<b>5.6500e-003</b>	<b>0.0284</b>	<b>0.0000</b>	<b>16.7285</b>	<b>16.7285</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8638</b>



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**3.2 Site Preparation - 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	2.3000e-004	1.5000e-004	2.0800e-003	1.0000e-005	7.4000e-004	0.0000	7.4000e-004	2.0000e-004	0.0000	2.0000e-004	0.0000	0.5489	0.5489	2.0000e-005	2.0000e-005	0.5537
<b>Total</b>	<b>2.3000e-004</b>	<b>1.5000e-004</b>	<b>2.0800e-003</b>	<b>1.0000e-005</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>7.4000e-004</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>0.5489</b>	<b>0.5489</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.5537</b>

**3.3 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	tons/yr										MT/yr					
Fugitive Dust					0.0708	0.0000	0.0708	0.0343	0.0000	0.0343	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0166	0.1703	0.1476	3.0000e-004		7.2400e-003	7.2400e-003		6.6600e-003	6.6600e-003	0.0000	26.0639	26.0639	8.4300e-003	0.0000	26.2747
<b>Total</b>	<b>0.0166</b>	<b>0.1703</b>	<b>0.1476</b>	<b>3.0000e-004</b>	<b>0.0708</b>	<b>7.2400e-003</b>	<b>0.0781</b>	<b>0.0343</b>	<b>6.6600e-003</b>	<b>0.0409</b>	<b>0.0000</b>	<b>26.0639</b>	<b>26.0639</b>	<b>8.4300e-003</b>	<b>0.0000</b>	<b>26.2747</b>

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**3.3 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	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	3.8000e-004	2.6000e-004	3.4700e-003	1.0000e-005	1.2300e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9148	0.9148	3.0000e-005	3.0000e-005	0.9229
<b>Total</b>	<b>3.8000e-004</b>	<b>2.6000e-004</b>	<b>3.4700e-003</b>	<b>1.0000e-005</b>	<b>1.2300e-003</b>	<b>1.0000e-005</b>	<b>1.2400e-003</b>	<b>3.3000e-004</b>	<b>1.0000e-005</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.9148</b>	<b>0.9148</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.9229</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					0.0319	0.0000	0.0319	0.0154	0.0000	0.0154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0166	0.1703	0.1476	3.0000e-004		7.2400e-003	7.2400e-003		6.6600e-003	6.6600e-003	0.0000	26.0639	26.0639	8.4300e-003	0.0000	26.2746
<b>Total</b>	<b>0.0166</b>	<b>0.1703</b>	<b>0.1476</b>	<b>3.0000e-004</b>	<b>0.0319</b>	<b>7.2400e-003</b>	<b>0.0391</b>	<b>0.0154</b>	<b>6.6600e-003</b>	<b>0.0221</b>	<b>0.0000</b>	<b>26.0639</b>	<b>26.0639</b>	<b>8.4300e-003</b>	<b>0.0000</b>	<b>26.2746</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 - 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	3.8000e-004	2.6000e-004	3.4700e-003	1.0000e-005	1.2300e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9148	0.9148	3.0000e-005	3.0000e-005	0.9229
<b>Total</b>	<b>3.8000e-004</b>	<b>2.6000e-004</b>	<b>3.4700e-003</b>	<b>1.0000e-005</b>	<b>1.2300e-003</b>	<b>1.0000e-005</b>	<b>1.2400e-003</b>	<b>3.3000e-004</b>	<b>1.0000e-005</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.9148</b>	<b>0.9148</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.9229</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	9.5700e-003	0.0874	0.1051	1.8000e-004		3.9900e-003	3.9900e-003		3.7500e-003	3.7500e-003	0.0000	15.0702	15.0702	3.5600e-003	0.0000	15.1593
<b>Total</b>	<b>9.5700e-003</b>	<b>0.0874</b>	<b>0.1051</b>	<b>1.8000e-004</b>		<b>3.9900e-003</b>	<b>3.9900e-003</b>		<b>3.7500e-003</b>	<b>3.7500e-003</b>	<b>0.0000</b>	<b>15.0702</b>	<b>15.0702</b>	<b>3.5600e-003</b>	<b>0.0000</b>	<b>15.1593</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	2.5000e-004	7.5100e-003	3.2700e-003	4.0000e-005	1.2500e-003	6.0000e-005	1.3100e-003	3.6000e-004	5.0000e-005	4.2000e-004	0.0000	3.3772	3.3772	4.0000e-005	5.0000e-004	3.5270
Worker	1.6100e-003	1.0800e-003	0.0146	4.0000e-005	5.1900e-003	2.0000e-005	5.2100e-003	1.3800e-003	2.0000e-005	1.4000e-003	0.0000	3.8451	3.8451	1.1000e-004	1.1000e-004	3.8792
<b>Total</b>	<b>1.8600e-003</b>	<b>8.5900e-003</b>	<b>0.0179</b>	<b>8.0000e-005</b>	<b>6.4400e-003</b>	<b>8.0000e-005</b>	<b>6.5200e-003</b>	<b>1.7400e-003</b>	<b>7.0000e-005</b>	<b>1.8200e-003</b>	<b>0.0000</b>	<b>7.2223</b>	<b>7.2223</b>	<b>1.5000e-004</b>	<b>6.1000e-004</b>	<b>7.4062</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	9.5700e-003	0.0874	0.1051	1.8000e-004		3.9900e-003	3.9900e-003		3.7500e-003	3.7500e-003	0.0000	15.0702	15.0702	3.5600e-003	0.0000	15.1593
<b>Total</b>	<b>9.5700e-003</b>	<b>0.0874</b>	<b>0.1051</b>	<b>1.8000e-004</b>		<b>3.9900e-003</b>	<b>3.9900e-003</b>		<b>3.7500e-003</b>	<b>3.7500e-003</b>	<b>0.0000</b>	<b>15.0702</b>	<b>15.0702</b>	<b>3.5600e-003</b>	<b>0.0000</b>	<b>15.1593</b>

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**3.4 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	7.5100e-003	3.2700e-003	4.0000e-005	1.2500e-003	6.0000e-005	1.3100e-003	3.6000e-004	5.0000e-005	4.2000e-004	0.0000	3.3772	3.3772	4.0000e-005	5.0000e-004	3.5270
Worker	1.6100e-003	1.0800e-003	0.0146	4.0000e-005	5.1900e-003	2.0000e-005	5.2100e-003	1.3800e-003	2.0000e-005	1.4000e-003	0.0000	3.8451	3.8451	1.1000e-004	1.1000e-004	3.8792
<b>Total</b>	<b>1.8600e-003</b>	<b>8.5900e-003</b>	<b>0.0179</b>	<b>8.0000e-005</b>	<b>6.4400e-003</b>	<b>8.0000e-005</b>	<b>6.5200e-003</b>	<b>1.7400e-003</b>	<b>7.0000e-005</b>	<b>1.8200e-003</b>	<b>0.0000</b>	<b>7.2223</b>	<b>7.2223</b>	<b>1.5000e-004</b>	<b>6.1000e-004</b>	<b>7.4062</b>

**3.4 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	tons/yr										MT/yr					
Off-Road	0.1484	1.3530	1.7452	2.9300e-003		0.0572	0.0572		0.0538	0.0538	0.0000	251.6326	251.6326	0.0592	0.0000	253.1114
<b>Total</b>	<b>0.1484</b>	<b>1.3530</b>	<b>1.7452</b>	<b>2.9300e-003</b>		<b>0.0572</b>	<b>0.0572</b>		<b>0.0538</b>	<b>0.0538</b>	<b>0.0000</b>	<b>251.6326</b>	<b>251.6326</b>	<b>0.0592</b>	<b>0.0000</b>	<b>253.1114</b>

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**3.4 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	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	4.1400e-003	0.1243	0.0540	5.8000e-004	0.0209	9.4000e-004	0.0219	6.0500e-003	9.0000e-004	6.9500e-003	0.0000	55.3794	55.3794	6.4000e-004	8.1800e-003	57.8320
Worker	0.0252	0.0162	0.2270	6.8000e-004	0.0866	3.8000e-004	0.0870	0.0230	3.5000e-004	0.0234	0.0000	62.0067	62.0067	1.6000e-003	1.6500e-003	62.5369
<b>Total</b>	<b>0.0293</b>	<b>0.1405</b>	<b>0.2809</b>	<b>1.2600e-003</b>	<b>0.1075</b>	<b>1.3200e-003</b>	<b>0.1089</b>	<b>0.0291</b>	<b>1.2500e-003</b>	<b>0.0303</b>	<b>0.0000</b>	<b>117.3861</b>	<b>117.3861</b>	<b>2.2400e-003</b>	<b>9.8300e-003</b>	<b>120.3689</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	0.1484	1.3530	1.7452	2.9300e-003		0.0572	0.0572		0.0538	0.0538	0.0000	251.6323	251.6323	0.0592	0.0000	253.1111
<b>Total</b>	<b>0.1484</b>	<b>1.3530</b>	<b>1.7452</b>	<b>2.9300e-003</b>		<b>0.0572</b>	<b>0.0572</b>		<b>0.0538</b>	<b>0.0538</b>	<b>0.0000</b>	<b>251.6323</b>	<b>251.6323</b>	<b>0.0592</b>	<b>0.0000</b>	<b>253.1111</b>

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**3.4 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	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	4.1400e-003	0.1243	0.0540	5.8000e-004	0.0209	9.4000e-004	0.0219	6.0500e-003	9.0000e-004	6.9500e-003	0.0000	55.3794	55.3794	6.4000e-004	8.1800e-003	57.8320
Worker	0.0252	0.0162	0.2270	6.8000e-004	0.0866	3.8000e-004	0.0870	0.0230	3.5000e-004	0.0234	0.0000	62.0067	62.0067	1.6000e-003	1.6500e-003	62.5369
<b>Total</b>	<b>0.0293</b>	<b>0.1405</b>	<b>0.2809</b>	<b>1.2600e-003</b>	<b>0.1075</b>	<b>1.3200e-003</b>	<b>0.1089</b>	<b>0.0291</b>	<b>1.2500e-003</b>	<b>0.0303</b>	<b>0.0000</b>	<b>117.3861</b>	<b>117.3861</b>	<b>2.2400e-003</b>	<b>9.8300e-003</b>	<b>120.3689</b>

**3.5 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	tons/yr										MT/yr					
Off-Road	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0193	20.0193	6.4700e-003	0.0000	20.1811
Paving	4.6600e-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>0.0138</b>	<b>0.0858</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>4.1900e-003</b>	<b>4.1900e-003</b>		<b>3.8500e-003</b>	<b>3.8500e-003</b>	<b>0.0000</b>	<b>20.0193</b>	<b>20.0193</b>	<b>6.4700e-003</b>	<b>0.0000</b>	<b>20.1811</b>

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**3.5 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	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	3.6000e-004	2.3000e-004	3.2300e-003	1.0000e-005	1.2300e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.8838	0.8838	2.0000e-005	2.0000e-005	0.8913
<b>Total</b>	<b>3.6000e-004</b>	<b>2.3000e-004</b>	<b>3.2300e-003</b>	<b>1.0000e-005</b>	<b>1.2300e-003</b>	<b>1.0000e-005</b>	<b>1.2400e-003</b>	<b>3.3000e-004</b>	<b>1.0000e-005</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.8838</b>	<b>0.8838</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.8913</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	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0192	20.0192	6.4700e-003	0.0000	20.1811
Paving	4.6600e-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>0.0138</b>	<b>0.0858</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>4.1900e-003</b>	<b>4.1900e-003</b>		<b>3.8500e-003</b>	<b>3.8500e-003</b>	<b>0.0000</b>	<b>20.0192</b>	<b>20.0192</b>	<b>6.4700e-003</b>	<b>0.0000</b>	<b>20.1811</b>



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**3.5 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	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	3.6000e-004	2.3000e-004	3.2300e-003	1.0000e-005	1.2300e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.8838	0.8838	2.0000e-005	2.0000e-005	0.8913
<b>Total</b>	<b>3.6000e-004</b>	<b>2.3000e-004</b>	<b>3.2300e-003</b>	<b>1.0000e-005</b>	<b>1.2300e-003</b>	<b>1.0000e-005</b>	<b>1.2400e-003</b>	<b>3.3000e-004</b>	<b>1.0000e-005</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.8838</b>	<b>0.8838</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.8913</b>

**3.6 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	tons/yr										MT/yr					
Archit. Coating	0.2836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e-003	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
<b>Total</b>	<b>0.2853</b>	<b>0.0115</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>5.2000e-004</b>	<b>5.2000e-004</b>		<b>5.2000e-004</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>2.5567</b>

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**3.6 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	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	4.5000e-004	2.9000e-004	4.1000e-003	1.0000e-005	1.5600e-003	1.0000e-005	1.5700e-003	4.2000e-004	1.0000e-005	4.2000e-004	0.0000	1.1194	1.1194	3.0000e-005	3.0000e-005	1.1290
<b>Total</b>	<b>4.5000e-004</b>	<b>2.9000e-004</b>	<b>4.1000e-003</b>	<b>1.0000e-005</b>	<b>1.5600e-003</b>	<b>1.0000e-005</b>	<b>1.5700e-003</b>	<b>4.2000e-004</b>	<b>1.0000e-005</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>1.1194</b>	<b>1.1194</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>1.1290</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	0.2836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e-003	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
<b>Total</b>	<b>0.2853</b>	<b>0.0115</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>5.2000e-004</b>	<b>5.2000e-004</b>		<b>5.2000e-004</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>2.5567</b>

Beyond Desert Hot Springs - Riverside-Salton Sea 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 - 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	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	4.5000e-004	2.9000e-004	4.1000e-003	1.0000e-005	1.5600e-003	1.0000e-005	1.5700e-003	4.2000e-004	1.0000e-005	4.2000e-004	0.0000	1.1194	1.1194	3.0000e-005	3.0000e-005	1.1290
<b>Total</b>	<b>4.5000e-004</b>	<b>2.9000e-004</b>	<b>4.1000e-003</b>	<b>1.0000e-005</b>	<b>1.5600e-003</b>	<b>1.0000e-005</b>	<b>1.5700e-003</b>	<b>4.2000e-004</b>	<b>1.0000e-005</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>1.1194</b>	<b>1.1194</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>1.1290</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

**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	2.1964	2.3804	15.3564	0.0282	3.0334	0.0245	3.0579	0.8102	0.0229	0.8331	0.0000	2,610.9139	2,610.9139	0.2074	0.1690	2,666.4477
Unmitigated	2.1964	2.3804	15.3564	0.0282	3.0334	0.0245	3.0579	0.8102	0.0229	0.8331	0.0000	2,610.9139	2,610.9139	0.2074	0.1690	2,666.4477

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Convenience Market with Gas Pumps	6,393.06	6,393.06	6393.06	7,098,506	7,098,506
Fast Food Restaurant with Drive Thru	935.00	935.00	935.00	924,414	924,414
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
<b>Total</b>	<b>7,328.06</b>	<b>7,328.06</b>	<b>7,328.06</b>	<b>8,022,920</b>	<b>8,022,920</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
Convenience Market with Gas	12.50	4.20	5.40	0.80	80.20	19.00	67.14	0	32.86
Fast Food Restaurant with Drive	12.50	4.20	5.40	2.20	78.80	19.00	58	0	42
Other Non-Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Parking Lot	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0

**4.4 Fleet Mix**

Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

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

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Convenience Market with Gas Pumps	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689
Fast Food Restaurant with Drive Thru	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689
Other Non-Asphalt Surfaces	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689
Parking Lot	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689

**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	82.1444	82.1444	5.1000e-003	6.2000e-004	82.4559
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	82.1444	82.1444	5.1000e-003	6.2000e-004	82.4559
NaturalGas Mitigated	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1600e-003	2.1600e-003		2.1600e-003	2.1600e-003	0.0000	30.9750	30.9750	5.9000e-004	5.7000e-004	31.1591
NaturalGas Unmitigated	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1600e-003	2.1600e-003		2.1600e-003	2.1600e-003	0.0000	30.9750	30.9750	5.9000e-004	5.7000e-004	31.1591

Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

**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 - Natural Gas**

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Convenience Market with Gas Pumps	35129.6	1.9000e-004	1.7200e-003	1.4500e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	1.8747	1.8747	4.0000e-005	3.0000e-005	1.8858
Fast Food Restaurant with Drive Thru	545320	2.9400e-003	0.0267	0.0225	1.6000e-004		2.0300e-003	2.0300e-003		2.0300e-003	2.0300e-003	0.0000	29.1004	29.1004	5.6000e-004	5.3000e-004	29.2733
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000
<b>Total</b>		<b>3.1300e-003</b>	<b>0.0285</b>	<b>0.0239</b>	<b>1.7000e-004</b>		<b>2.1600e-003</b>	<b>2.1600e-003</b>		<b>2.1600e-003</b>	<b>2.1600e-003</b>	<b>0.0000</b>	<b>30.9750</b>	<b>30.9750</b>	<b>6.0000e-004</b>	<b>5.6000e-004</b>	<b>31.1591</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

**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 - Natural Gas**

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Convenience Market with Gas Pumps	35129.6	1.9000e-004	1.7200e-003	1.4500e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	1.8747	1.8747	4.0000e-005	3.0000e-005	1.8858
Fast Food Restaurant with Drive Thru	545320	2.9400e-003	0.0267	0.0225	1.6000e-004		2.0300e-003	2.0300e-003		2.0300e-003	2.0300e-003	0.0000	29.1004	29.1004	5.6000e-004	5.3000e-004	29.2733
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000
<b>Total</b>		<b>3.1300e-003</b>	<b>0.0285</b>	<b>0.0239</b>	<b>1.7000e-004</b>		<b>2.1600e-003</b>	<b>2.1600e-003</b>		<b>2.1600e-003</b>	<b>2.1600e-003</b>	<b>0.0000</b>	<b>30.9750</b>	<b>30.9750</b>	<b>6.0000e-004</b>	<b>5.6000e-004</b>	<b>31.1591</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

**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			
Convenience Market with Gas Pumps	193852	46.7768	2.9000e-003	3.5000e-004	46.9541
Fast Food Restaurant with Drive Thru	92320	22.2770	1.3800e-003	1.7000e-004	22.3615
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	54250	13.0906	8.1000e-004	1.0000e-004	13.1403
<b>Total</b>		<b>82.1444</b>	<b>5.0900e-003</b>	<b>6.2000e-004</b>	<b>82.4559</b>



Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

**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**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Convenience Market with Gas Pumps	193852	46.7768	2.9000e-003	3.5000e-004	46.9541
Fast Food Restaurant with Drive Thru	92320	22.2770	1.3800e-003	1.7000e-004	22.3615
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	54250	13.0906	8.1000e-004	1.0000e-004	13.1403
<b>Total</b>		<b>82.1444</b>	<b>5.0900e-003</b>	<b>6.2000e-004</b>	<b>82.4559</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

**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	0.1128	2.0000e-005	2.1700e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2300e-003	4.2300e-003	1.0000e-005	0.0000	4.5100e-003
Unmitigated	0.1128	2.0000e-005	2.1700e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2300e-003	4.2300e-003	1.0000e-005	0.0000	4.5100e-003

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0284					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0842					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-004	2.0000e-005	2.1700e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2300e-003	4.2300e-003	1.0000e-005	0.0000	4.5100e-003
<b>Total</b>	<b>0.1128</b>	<b>2.0000e-005</b>	<b>2.1700e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>4.2300e-003</b>	<b>4.2300e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>4.5100e-003</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

**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	0.0284					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0842					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-004	2.0000e-005	2.1700e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2300e-003	4.2300e-003	1.0000e-005	0.0000	4.5100e-003
<b>Total</b>	<b>0.1128</b>	<b>2.0000e-005</b>	<b>2.1700e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>4.2300e-003</b>	<b>4.2300e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>4.5100e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

**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	3.1643	0.0261	6.3000e-004	4.0056
Unmitigated	3.1643	0.0261	6.3000e-004	4.0056

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Convenience Market with Gas Pumps	0.188229 / 0.115366	0.9604	6.1900e-003	1.5000e-004	1.1603
Fast Food Restaurant with Drive Thru	0.607067 / 0.038749	2.2039	0.0199	4.8000e-004	2.8452
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>3.1643</b>	<b>0.0261</b>	<b>6.3000e-004</b>	<b>4.0056</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

**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			
Convenience Market with Gas Pumps	0.188229 / 0.115366	0.9604	6.1900e-003	1.5000e-004	1.1603
Fast Food Restaurant with Drive Thru	0.607067 / 0.038749	2.2039	0.0199	4.8000e-004	2.8452
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>3.1643</b>	<b>0.0261</b>	<b>6.3000e-004</b>	<b>4.0056</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	4.6769	0.2764	0.0000	11.5869
Unmitigated	4.6769	0.2764	0.0000	11.5869

**8.2 Waste by Land Use**

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant with Drive Thru	23.04	4.6769	0.2764	0.0000	11.5869
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>4.6769</b>	<b>0.2764</b>	<b>0.0000</b>	<b>11.5869</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

**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**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant with Drive Thru	23.04	4.6769	0.2764	0.0000	11.5869
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>4.6769</b>	<b>0.2764</b>	<b>0.0000</b>	<b>11.5869</b>

**9.0 Operational Offroad**

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

**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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Beyond Desert Hot Springs - Riverside-Salton Sea County, Annual

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

**11.0 Vegetation**

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Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

**Beyond Desert Hot Springs  
Riverside-Salton Sea County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	61.94	1000sqft	1.42	61,941.00	0
Parking Lot	155.00	1000sqft	3.56	155,000.00	0
Fast Food Restaurant with Drive Thru	2.00	1000sqft	0.05	2,000.00	0
Convenience Market with Gas Pumps	18.00	Pump	0.37	15,968.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2026
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	531.98	<b>CH4 Intensity (lb/MW hr)</b>	0.033	<b>N2O Intensity (lb/MW hr)</b>	0.004

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

Project Characteristics - .

Land Use - Per TIA

Construction Phase -

Vehicle Trips - Per TIA; carwash trips added to convenience market with gas pumps land use; internal capture trips counted as pass by

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	61,940.00	61,941.00
tblLandUse	LandUseSquareFeet	2,541.15	15,968.00

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

tblLandUse	LotAcreage	0.06	0.37
tblProjectCharacteristics	CH4IntensityFactor	0	0.033
tblProjectCharacteristics	CO2IntensityFactor	0	531.98
tblProjectCharacteristics	N2OIntensityFactor	0	0.004
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	PB_TP	65.00	32.86
tblVehicleTrips	PB_TP	50.00	42.00
tblVehicleTrips	PR_TP	14.00	67.14
tblVehicleTrips	PR_TP	29.00	58.00
tblVehicleTrips	ST_TR	322.50	355.17
tblVehicleTrips	ST_TR	616.12	467.50
tblVehicleTrips	SU_TR	322.50	355.17
tblVehicleTrips	SU_TR	472.58	467.50
tblVehicleTrips	WD_TR	322.50	355.17
tblVehicleTrips	WD_TR	470.95	467.50

**2.0 Emissions Summary**

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Beyond Desert Hot Springs - Riverside-Salton Sea 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					
2024	2.7135	27.2050	19.2498	0.0394	19.8076	1.2300	21.0377	10.1424	1.1316	11.2740	0.0000	3,830.588 2	3,830.588 2	1.1960	0.1018	3,876.615 2
2025	28.5842	13.7038	18.9843	0.0390	1.0073	0.5398	1.5471	0.2716	0.5078	0.7795	0.0000	3,797.305 2	3,797.305 2	0.7162	0.0990	3,842.383 2
<b>Maximum</b>	<b>28.5842</b>	<b>27.2050</b>	<b>19.2498</b>	<b>0.0394</b>	<b>19.8076</b>	<b>1.2300</b>	<b>21.0377</b>	<b>10.1424</b>	<b>1.1316</b>	<b>11.2740</b>	<b>0.0000</b>	<b>3,830.588 2</b>	<b>3,830.588 2</b>	<b>1.1960</b>	<b>0.1018</b>	<b>3,876.615 2</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					
2024	2.7135	27.2050	19.2498	0.0394	8.9963	1.2300	10.2263	4.5861	1.1316	5.7177	0.0000	3,830.588 2	3,830.588 2	1.1960	0.1018	3,876.615 2
2025	28.5842	13.7038	18.9843	0.0390	1.0073	0.5398	1.5471	0.2716	0.5078	0.7795	0.0000	3,797.305 2	3,797.305 2	0.7162	0.0990	3,842.383 2
<b>Maximum</b>	<b>28.5842</b>	<b>27.2050</b>	<b>19.2498</b>	<b>0.0394</b>	<b>8.9963</b>	<b>1.2300</b>	<b>10.2263</b>	<b>4.5861</b>	<b>1.1316</b>	<b>5.7177</b>	<b>0.0000</b>	<b>3,830.588 2</b>	<b>3,830.588 2</b>	<b>1.1960</b>	<b>0.1018</b>	<b>3,876.615 2</b>

## Beyond Desert Hot Springs - Riverside-Salton Sea 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	0.00	0.00	0.00	0.00	51.94	0.00	47.87	53.35	0.00	46.10	0.00	0.00	0.00	0.00	0.00	0.00

Beyond Desert Hot Springs - Riverside-Salton Sea 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	0.6190	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0519	0.0519	1.3000e-004		0.0552
Energy	0.0172	0.1559	0.1310	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.0909	187.0909	3.5900e-003	3.4300e-003	188.2027
Mobile	14.9352	12.3781	87.4223	0.1638	16.9464	0.1346	17.0810	4.5203	0.1259	4.6462		16,698.2346	16,698.2346	1.1859	0.9993	17,025.6678
<b>Total</b>	<b>15.5713</b>	<b>12.5343</b>	<b>87.5774</b>	<b>0.1648</b>	<b>16.9464</b>	<b>0.1465</b>	<b>17.0929</b>	<b>4.5203</b>	<b>0.1378</b>	<b>4.6581</b>		<b>16,885.3774</b>	<b>16,885.3774</b>	<b>1.1896</b>	<b>1.0027</b>	<b>17,213.9258</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	0.6190	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0519	0.0519	1.3000e-004		0.0552
Energy	0.0172	0.1559	0.1310	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.0909	187.0909	3.5900e-003	3.4300e-003	188.2027
Mobile	14.9352	12.3781	87.4223	0.1638	16.9464	0.1346	17.0810	4.5203	0.1259	4.6462		16,698.2346	16,698.2346	1.1859	0.9993	17,025.6678
<b>Total</b>	<b>15.5713</b>	<b>12.5343</b>	<b>87.5774</b>	<b>0.1648</b>	<b>16.9464</b>	<b>0.1465</b>	<b>17.0929</b>	<b>4.5203</b>	<b>0.1378</b>	<b>4.6581</b>		<b>16,885.3774</b>	<b>16,885.3774</b>	<b>1.1896</b>	<b>1.0027</b>	<b>17,213.9258</b>

Beyond Desert Hot Springs - Riverside-Salton Sea 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	11/1/2024	11/14/2024	5	10	
2	Grading	Grading	11/15/2024	12/12/2024	5	20	
3	Building Construction	Building Construction	12/13/2024	10/30/2025	5	230	
4	Paving	Paving	10/31/2025	11/27/2025	5	20	
5	Architectural Coating	Architectural Coating	11/28/2025	12/25/2025	5	20	

**Acres of Grading (Site Preparation Phase): 15**

**Acres of Grading (Grading Phase): 20**

**Acres of Paving: 4.98**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 26,952; Non-Residential Outdoor: 8,984; Striped Parking Area: 13,016 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	97.00	39.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	19.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

**3.2 Site Preparation - 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					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
<b>Total</b>	<b>2.6609</b>	<b>27.1760</b>	<b>18.3356</b>	<b>0.0381</b>	<b>19.6570</b>	<b>1.2294</b>	<b>20.8864</b>	<b>10.1025</b>	<b>1.1310</b>	<b>11.2335</b>		<b>3,688.0100</b>	<b>3,688.0100</b>	<b>1.1928</b>		<b>3,717.8294</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0526	0.0290	0.4803	1.2900e-003	0.1506	6.9000e-004	0.1513	0.0400	6.4000e-004	0.0406		130.4366	130.4366	3.2500e-003	3.1900e-003	131.4684
<b>Total</b>	<b>0.0526</b>	<b>0.0290</b>	<b>0.4803</b>	<b>1.2900e-003</b>	<b>0.1506</b>	<b>6.9000e-004</b>	<b>0.1513</b>	<b>0.0400</b>	<b>6.4000e-004</b>	<b>0.0406</b>		<b>130.4366</b>	<b>130.4366</b>	<b>3.2500e-003</b>	<b>3.1900e-003</b>	<b>131.4684</b>



Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

**3.2 Site Preparation - 2024**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4
<b>Total</b>	<b>2.6609</b>	<b>27.1760</b>	<b>18.3356</b>	<b>0.0381</b>	<b>8.8457</b>	<b>1.2294</b>	<b>10.0750</b>	<b>4.5461</b>	<b>1.1310</b>	<b>5.6771</b>	<b>0.0000</b>	<b>3,688.010 0</b>	<b>3,688.010 0</b>	<b>1.1928</b>		<b>3,717.829 4</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0526	0.0290	0.4803	1.2900e-003	0.1506	6.9000e-004	0.1513	0.0400	6.4000e-004	0.0406		130.4366	130.4366	3.2500e-003	3.1900e-003	131.4684
<b>Total</b>	<b>0.0526</b>	<b>0.0290</b>	<b>0.4803</b>	<b>1.2900e-003</b>	<b>0.1506</b>	<b>6.9000e-004</b>	<b>0.1513</b>	<b>0.0400</b>	<b>6.4000e-004</b>	<b>0.0406</b>		<b>130.4366</b>	<b>130.4366</b>	<b>3.2500e-003</b>	<b>3.1900e-003</b>	<b>131.4684</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

**3.3 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					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665		2,873.054 1	2,873.054 1	0.9292		2,896.284 2
<b>Total</b>	<b>1.6617</b>	<b>17.0310</b>	<b>14.7594</b>	<b>0.0297</b>	<b>7.0826</b>	<b>0.7244</b>	<b>7.8070</b>	<b>3.4247</b>	<b>0.6665</b>	<b>4.0912</b>		<b>2,873.054 1</b>	<b>2,873.054 1</b>	<b>0.9292</b>		<b>2,896.284 2</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0438	0.0242	0.4003	1.0800e-003	0.1255	5.8000e-004	0.1261	0.0333	5.3000e-004	0.0338		108.6972	108.6972	2.7100e-003	2.6600e-003	109.5570
<b>Total</b>	<b>0.0438</b>	<b>0.0242</b>	<b>0.4003</b>	<b>1.0800e-003</b>	<b>0.1255</b>	<b>5.8000e-004</b>	<b>0.1261</b>	<b>0.0333</b>	<b>5.3000e-004</b>	<b>0.0338</b>		<b>108.6972</b>	<b>108.6972</b>	<b>2.7100e-003</b>	<b>2.6600e-003</b>	<b>109.5570</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

**3.3 Grading - 2024**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665	0.0000	2,873.054 1	2,873.054 1	0.9292		2,896.284 2
<b>Total</b>	<b>1.6617</b>	<b>17.0310</b>	<b>14.7594</b>	<b>0.0297</b>	<b>3.1872</b>	<b>0.7244</b>	<b>3.9116</b>	<b>1.5411</b>	<b>0.6665</b>	<b>2.2076</b>	<b>0.0000</b>	<b>2,873.054 1</b>	<b>2,873.054 1</b>	<b>0.9292</b>		<b>2,896.284 2</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0438	0.0242	0.4003	1.0800e-003	0.1255	5.8000e-004	0.1261	0.0333	5.3000e-004	0.0338		108.6972	108.6972	2.7100e-003	2.6600e-003	109.5570
<b>Total</b>	<b>0.0438</b>	<b>0.0242</b>	<b>0.4003</b>	<b>1.0800e-003</b>	<b>0.1255</b>	<b>5.8000e-004</b>	<b>0.1261</b>	<b>0.0333</b>	<b>5.3000e-004</b>	<b>0.0338</b>		<b>108.6972</b>	<b>108.6972</b>	<b>2.7100e-003</b>	<b>2.6600e-003</b>	<b>109.5570</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

**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 On-Site**

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

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0403	1.1023	0.4946	5.3900e-003	0.1957	8.6900e-003	0.2044	0.0564	8.3100e-003	0.0647		571.9808	571.9808	6.3700e-003	0.0846	597.3389
Worker	0.2834	0.1563	2.5884	6.9500e-003	0.8116	3.7300e-003	0.8153	0.2153	3.4300e-003	0.2187		702.9085	702.9085	0.0175	0.0172	708.4686
<b>Total</b>	<b>0.3236</b>	<b>1.2586</b>	<b>3.0830</b>	<b>0.0123</b>	<b>1.0073</b>	<b>0.0124</b>	<b>1.0197</b>	<b>0.2716</b>	<b>0.0117</b>	<b>0.2834</b>		<b>1,274.8893</b>	<b>1,274.8893</b>	<b>0.0239</b>	<b>0.1018</b>	<b>1,305.8075</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

**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 On-Site**

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

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0403	1.1023	0.4946	5.3900e-003	0.1957	8.6900e-003	0.2044	0.0564	8.3100e-003	0.0647		571.9808	571.9808	6.3700e-003	0.0846	597.3389
Worker	0.2834	0.1563	2.5884	6.9500e-003	0.8116	3.7300e-003	0.8153	0.2153	3.4300e-003	0.2187		702.9085	702.9085	0.0175	0.0172	708.4686
<b>Total</b>	<b>0.3236</b>	<b>1.2586</b>	<b>3.0830</b>	<b>0.0123</b>	<b>1.0073</b>	<b>0.0124</b>	<b>1.0197</b>	<b>0.2716</b>	<b>0.0117</b>	<b>0.2834</b>		<b>1,274.8893</b>	<b>1,274.8893</b>	<b>0.0239</b>	<b>0.1018</b>	<b>1,305.8075</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

**3.4 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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0398	1.0937	0.4894	5.3000e-003	0.1957	8.6900e-003	0.2044	0.0564	8.3200e-003	0.0647		561.8907	561.8907	6.5900e-003	0.0829	586.7619
Worker	0.2645	0.1404	2.4102	6.7200e-003	0.8116	3.5400e-003	0.8151	0.2153	3.2600e-003	0.2185		678.9401	678.9401	0.0159	0.0161	684.1232
<b>Total</b>	<b>0.3043</b>	<b>1.2341</b>	<b>2.8997</b>	<b>0.0120</b>	<b>1.0073</b>	<b>0.0122</b>	<b>1.0195</b>	<b>0.2716</b>	<b>0.0116</b>	<b>0.2832</b>		<b>1,240.830 8</b>	<b>1,240.830 8</b>	<b>0.0225</b>	<b>0.0990</b>	<b>1,270.885 1</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

**3.4 Building Construction - 2025**

**Mitigated Construction On-Site**

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

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0398	1.0937	0.4894	5.3000e-003	0.1957	8.6900e-003	0.2044	0.0564	8.3200e-003	0.0647		561.8907	561.8907	6.5900e-003	0.0829	586.7619
Worker	0.2645	0.1404	2.4102	6.7200e-003	0.8116	3.5400e-003	0.8151	0.2153	3.2600e-003	0.2185		678.9401	678.9401	0.0159	0.0161	684.1232
<b>Total</b>	<b>0.3043</b>	<b>1.2341</b>	<b>2.8997</b>	<b>0.0120</b>	<b>1.0073</b>	<b>0.0122</b>	<b>1.0195</b>	<b>0.2716</b>	<b>0.0116</b>	<b>0.2832</b>		<b>1,240.830 8</b>	<b>1,240.830 8</b>	<b>0.0225</b>	<b>0.0990</b>	<b>1,270.885 1</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

**3.5 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		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.4664					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3815</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>2,206.745 2</b>	<b>2,206.745 2</b>	<b>0.7137</b>		<b>2,224.587 8</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0409	0.0217	0.3727	1.0400e-003	0.1255	5.5000e-004	0.1261	0.0333	5.0000e-004	0.0338		104.9907	104.9907	2.4500e-003	2.4800e-003	105.7923
<b>Total</b>	<b>0.0409</b>	<b>0.0217</b>	<b>0.3727</b>	<b>1.0400e-003</b>	<b>0.1255</b>	<b>5.5000e-004</b>	<b>0.1261</b>	<b>0.0333</b>	<b>5.0000e-004</b>	<b>0.0338</b>		<b>104.9907</b>	<b>104.9907</b>	<b>2.4500e-003</b>	<b>2.4800e-003</b>	<b>105.7923</b>



Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

**3.5 Paving - 2025**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.4664					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3815</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>0.0000</b>	<b>2,206.745 2</b>	<b>2,206.745 2</b>	<b>0.7137</b>		<b>2,224.587 8</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0409	0.0217	0.3727	1.0400e-003	0.1255	5.5000e-004	0.1261	0.0333	5.0000e-004	0.0338		104.9907	104.9907	2.4500e-003	2.4800e-003	105.7923
<b>Total</b>	<b>0.0409</b>	<b>0.0217</b>	<b>0.3727</b>	<b>1.0400e-003</b>	<b>0.1255</b>	<b>5.5000e-004</b>	<b>0.1261</b>	<b>0.0333</b>	<b>5.0000e-004</b>	<b>0.0338</b>		<b>104.9907</b>	<b>104.9907</b>	<b>2.4500e-003</b>	<b>2.4800e-003</b>	<b>105.7923</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

**3.6 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	28.3616					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>28.5324</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>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0518	0.0275	0.4721	1.3200e-003	0.1590	6.9000e-004	0.1597	0.0422	6.4000e-004	0.0428		132.9883	132.9883	3.1100e-003	3.1500e-003	134.0035
<b>Total</b>	<b>0.0518</b>	<b>0.0275</b>	<b>0.4721</b>	<b>1.3200e-003</b>	<b>0.1590</b>	<b>6.9000e-004</b>	<b>0.1597</b>	<b>0.0422</b>	<b>6.4000e-004</b>	<b>0.0428</b>		<b>132.9883</b>	<b>132.9883</b>	<b>3.1100e-003</b>	<b>3.1500e-003</b>	<b>134.0035</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

**3.6 Architectural Coating - 2025**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	28.3616					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>28.5324</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>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0518	0.0275	0.4721	1.3200e-003	0.1590	6.9000e-004	0.1597	0.0422	6.4000e-004	0.0428		132.9883	132.9883	3.1100e-003	3.1500e-003	134.0035
<b>Total</b>	<b>0.0518</b>	<b>0.0275</b>	<b>0.4721</b>	<b>1.3200e-003</b>	<b>0.1590</b>	<b>6.9000e-004</b>	<b>0.1597</b>	<b>0.0422</b>	<b>6.4000e-004</b>	<b>0.0428</b>		<b>132.9883</b>	<b>132.9883</b>	<b>3.1100e-003</b>	<b>3.1500e-003</b>	<b>134.0035</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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	lb/day										lb/day					
Mitigated	14.9352	12.3781	87.4223	0.1638	16.9464	0.1346	17.0810	4.5203	0.1259	4.6462		16,698.23 46	16,698.23 46	1.1859	0.9993	17,025.66 78
Unmitigated	14.9352	12.3781	87.4223	0.1638	16.9464	0.1346	17.0810	4.5203	0.1259	4.6462		16,698.23 46	16,698.23 46	1.1859	0.9993	17,025.66 78

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Convenience Market with Gas Pumps	6,393.06	6,393.06	6393.06	7,098,506	7,098,506
Fast Food Restaurant with Drive Thru	935.00	935.00	935.00	924,414	924,414
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
<b>Total</b>	<b>7,328.06</b>	<b>7,328.06</b>	<b>7,328.06</b>	<b>8,022,920</b>	<b>8,022,920</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
Convenience Market with Gas	12.50	4.20	5.40	0.80	80.20	19.00	67.14	0	32.86
Fast Food Restaurant with Drive	12.50	4.20	5.40	2.20	78.80	19.00	58	0	42
Other Non-Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0

Beyond Desert Hot Springs - Riverside-Salton Sea County, Summer

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

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
Parking Lot	12.50	4.20	5.40	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
Convenience Market with Gas Pumps	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689
Fast Food Restaurant with Drive Thru	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689
Other Non-Asphalt Surfaces	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689
Parking Lot	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.0172	0.1559	0.1310	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.0909	187.0909	3.5900e-003	3.4300e-003	188.2027
NaturalGas Unmitigated	0.0172	0.1559	0.1310	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.0909	187.0909	3.5900e-003	3.4300e-003	188.2027

Beyond Desert Hot Springs - Riverside-Salton Sea 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 - Natural Gas**

**Unmitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Convenience Market with Gas Pumps	96.2455	1.0400e-003	9.4400e-003	7.9300e-003	6.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004		11.3230	11.3230	2.2000e-004	2.1000e-004	11.3903
Fast Food Restaurant with Drive Thru	1494.03	0.0161	0.1465	0.1230	8.8000e-004		0.0111	0.0111		0.0111	0.0111		175.7679	175.7679	3.3700e-003	3.2200e-003	176.8124
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
<b>Total</b>		<b>0.0172</b>	<b>0.1559</b>	<b>0.1310</b>	<b>9.4000e-004</b>		<b>0.0119</b>	<b>0.0119</b>		<b>0.0119</b>	<b>0.0119</b>		<b>187.0909</b>	<b>187.0909</b>	<b>3.5900e-003</b>	<b>3.4300e-003</b>	<b>188.2027</b>

Beyond Desert Hot Springs - Riverside-Salton Sea 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 - Natural Gas**

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Convenience Market with Gas Pumps	0.0962455	1.0400e-003	9.4400e-003	7.9300e-003	6.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004		11.3230	11.3230	2.2000e-004	2.1000e-004	11.3903
Fast Food Restaurant with Drive Thru	1.49403	0.0161	0.1465	0.1230	8.8000e-004		0.0111	0.0111		0.0111	0.0111		175.7679	175.7679	3.3700e-003	3.2200e-003	176.8124
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
<b>Total</b>		<b>0.0172</b>	<b>0.1559</b>	<b>0.1310</b>	<b>9.4000e-004</b>		<b>0.0119</b>	<b>0.0119</b>		<b>0.0119</b>	<b>0.0119</b>		<b>187.0909</b>	<b>187.0909</b>	<b>3.5900e-003</b>	<b>3.4300e-003</b>	<b>188.2027</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Beyond Desert Hot Springs - Riverside-Salton Sea 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	0.6190	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0519	0.0519	1.3000e-004		0.0552
Unmitigated	0.6190	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0519	0.0519	1.3000e-004		0.0552

**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	0.1554					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4614					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.2200e-003	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0519	0.0519	1.3000e-004		0.0552
<b>Total</b>	<b>0.6190</b>	<b>2.2000e-004</b>	<b>0.0241</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0519</b>	<b>0.0519</b>	<b>1.3000e-004</b>		<b>0.0552</b>



Beyond Desert Hot Springs - Riverside-Salton Sea 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	0.1554					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4614					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.2200e-003	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0519	0.0519	1.3000e-004		0.0552
<b>Total</b>	<b>0.6190</b>	<b>2.2000e-004</b>	<b>0.0241</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0519</b>	<b>0.0519</b>	<b>1.3000e-004</b>		<b>0.0552</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

Beyond Desert Hot Springs - Riverside-Salton Sea 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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Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

**Beyond Desert Hot Springs  
Riverside-Salton Sea County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	61.94	1000sqft	1.42	61,941.00	0
Parking Lot	155.00	1000sqft	3.56	155,000.00	0
Fast Food Restaurant with Drive Thru	2.00	1000sqft	0.05	2,000.00	0
Convenience Market with Gas Pumps	18.00	Pump	0.37	15,968.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2026
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	531.98	<b>CH4 Intensity (lb/MW hr)</b>	0.033	<b>N2O Intensity (lb/MW hr)</b>	0.004

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

Project Characteristics - .

Land Use - Per TIA

Construction Phase -

Vehicle Trips - Per TIA; carwash trips added to convenience market with gas pumps land use; internal capture trips counted as pass by

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	61,940.00	61,941.00
tblLandUse	LandUseSquareFeet	2,541.15	15,968.00

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

tblLandUse	LotAcreage	0.06	0.37
tblProjectCharacteristics	CH4IntensityFactor	0	0.033
tblProjectCharacteristics	CO2IntensityFactor	0	531.98
tblProjectCharacteristics	N2OIntensityFactor	0	0.004
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	PB_TP	65.00	32.86
tblVehicleTrips	PB_TP	50.00	42.00
tblVehicleTrips	PR_TP	14.00	67.14
tblVehicleTrips	PR_TP	29.00	58.00
tblVehicleTrips	ST_TR	322.50	355.17
tblVehicleTrips	ST_TR	616.12	467.50
tblVehicleTrips	SU_TR	322.50	355.17
tblVehicleTrips	SU_TR	472.58	467.50
tblVehicleTrips	WD_TR	322.50	355.17
tblVehicleTrips	WD_TR	470.95	467.50

**2.0 Emissions Summary**

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Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

**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					
2024	2.7091	27.2061	18.8164	0.0392	19.8076	1.2300	21.0377	10.1424	1.1316	11.2740	0.0000	3,806.2780	3,806.2780	1.1961	0.1025	3,837.1535
2025	28.5801	13.7766	18.5853	0.0384	1.0073	0.5398	1.5471	0.2716	0.5079	0.7795	0.0000	3,735.8853	3,735.8853	0.7162	0.0997	3,781.1796
<b>Maximum</b>	<b>28.5801</b>	<b>27.2061</b>	<b>18.8164</b>	<b>0.0392</b>	<b>19.8076</b>	<b>1.2300</b>	<b>21.0377</b>	<b>10.1424</b>	<b>1.1316</b>	<b>11.2740</b>	<b>0.0000</b>	<b>3,806.2780</b>	<b>3,806.2780</b>	<b>1.1961</b>	<b>0.1025</b>	<b>3,837.1535</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					
2024	2.7091	27.2061	18.8164	0.0392	8.9963	1.2300	10.2263	4.5861	1.1316	5.7177	0.0000	3,806.2780	3,806.2780	1.1961	0.1025	3,837.1535
2025	28.5801	13.7766	18.5853	0.0384	1.0073	0.5398	1.5471	0.2716	0.5079	0.7795	0.0000	3,735.8853	3,735.8853	0.7162	0.0997	3,781.1796
<b>Maximum</b>	<b>28.5801</b>	<b>27.2061</b>	<b>18.8164</b>	<b>0.0392</b>	<b>8.9963</b>	<b>1.2300</b>	<b>10.2263</b>	<b>4.5861</b>	<b>1.1316</b>	<b>5.7177</b>	<b>0.0000</b>	<b>3,806.2780</b>	<b>3,806.2780</b>	<b>1.1961</b>	<b>0.1025</b>	<b>3,837.1535</b>



Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

**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	0.6190	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0519	0.0519	1.3000e-004		0.0552
Energy	0.0172	0.1559	0.1310	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.0909	187.0909	3.5900e-003	3.4300e-003	188.2027
Mobile	11.8927	13.1403	82.9699	0.1528	16.9464	0.1348	17.0813	4.5203	0.1261	4.6464		15,588.5830	15,588.5830	1.2687	1.0226	15,925.0254
<b>Total</b>	<b>12.5288</b>	<b>13.2964</b>	<b>83.1250</b>	<b>0.1538</b>	<b>16.9464</b>	<b>0.1468</b>	<b>17.0932</b>	<b>4.5203</b>	<b>0.1380</b>	<b>4.6584</b>		<b>15,775.7258</b>	<b>15,775.7258</b>	<b>1.2724</b>	<b>1.0260</b>	<b>16,113.2833</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	0.6190	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0519	0.0519	1.3000e-004		0.0552
Energy	0.0172	0.1559	0.1310	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.0909	187.0909	3.5900e-003	3.4300e-003	188.2027
Mobile	11.8927	13.1403	82.9699	0.1528	16.9464	0.1348	17.0813	4.5203	0.1261	4.6464		15,588.5830	15,588.5830	1.2687	1.0226	15,925.0254
<b>Total</b>	<b>12.5288</b>	<b>13.2964</b>	<b>83.1250</b>	<b>0.1538</b>	<b>16.9464</b>	<b>0.1468</b>	<b>17.0932</b>	<b>4.5203</b>	<b>0.1380</b>	<b>4.6584</b>		<b>15,775.7258</b>	<b>15,775.7258</b>	<b>1.2724</b>	<b>1.0260</b>	<b>16,113.2833</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

**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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	11/1/2024	11/14/2024	5	10	
2	Grading	Grading	11/15/2024	12/12/2024	5	20	
3	Building Construction	Building Construction	12/13/2024	10/30/2025	5	230	
4	Paving	Paving	10/31/2025	11/27/2025	5	20	
5	Architectural Coating	Architectural Coating	11/28/2025	12/25/2025	5	20	

**Acres of Grading (Site Preparation Phase): 15**

**Acres of Grading (Grading Phase): 20**

**Acres of Paving: 4.98**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 26,952; Non-Residential Outdoor: 8,984; Striped Parking Area: 13,016 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37



Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	97.00	39.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	19.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

**3.2 Site Preparation - 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					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.010 0	3,688.010 0	1.1928		3,717.829 4
<b>Total</b>	<b>2.6609</b>	<b>27.1760</b>	<b>18.3356</b>	<b>0.0381</b>	<b>19.6570</b>	<b>1.2294</b>	<b>20.8864</b>	<b>10.1025</b>	<b>1.1310</b>	<b>11.2335</b>		<b>3,688.010 0</b>	<b>3,688.010 0</b>	<b>1.1928</b>		<b>3,717.829 4</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0482	0.0301	0.3966	1.1700e-003	0.1506	6.9000e-004	0.1513	0.0400	6.4000e-004	0.0406		118.2681	118.2681	3.3200e-003	3.2600e-003	119.3241
<b>Total</b>	<b>0.0482</b>	<b>0.0301</b>	<b>0.3966</b>	<b>1.1700e-003</b>	<b>0.1506</b>	<b>6.9000e-004</b>	<b>0.1513</b>	<b>0.0400</b>	<b>6.4000e-004</b>	<b>0.0406</b>		<b>118.2681</b>	<b>118.2681</b>	<b>3.3200e-003</b>	<b>3.2600e-003</b>	<b>119.3241</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

**3.2 Site Preparation - 2024**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4
<b>Total</b>	<b>2.6609</b>	<b>27.1760</b>	<b>18.3356</b>	<b>0.0381</b>	<b>8.8457</b>	<b>1.2294</b>	<b>10.0750</b>	<b>4.5461</b>	<b>1.1310</b>	<b>5.6771</b>	<b>0.0000</b>	<b>3,688.010 0</b>	<b>3,688.010 0</b>	<b>1.1928</b>		<b>3,717.829 4</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0482	0.0301	0.3966	1.1700e-003	0.1506	6.9000e-004	0.1513	0.0400	6.4000e-004	0.0406		118.2681	118.2681	3.3200e-003	3.2600e-003	119.3241
<b>Total</b>	<b>0.0482</b>	<b>0.0301</b>	<b>0.3966</b>	<b>1.1700e-003</b>	<b>0.1506</b>	<b>6.9000e-004</b>	<b>0.1513</b>	<b>0.0400</b>	<b>6.4000e-004</b>	<b>0.0406</b>		<b>118.2681</b>	<b>118.2681</b>	<b>3.3200e-003</b>	<b>3.2600e-003</b>	<b>119.3241</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

**3.3 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					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665		2,873.054 1	2,873.054 1	0.9292		2,896.284 2
<b>Total</b>	<b>1.6617</b>	<b>17.0310</b>	<b>14.7594</b>	<b>0.0297</b>	<b>7.0826</b>	<b>0.7244</b>	<b>7.8070</b>	<b>3.4247</b>	<b>0.6665</b>	<b>4.0912</b>		<b>2,873.054 1</b>	<b>2,873.054 1</b>	<b>0.9292</b>		<b>2,896.284 2</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0402	0.0251	0.3305	9.8000e-004	0.1255	5.8000e-004	0.1261	0.0333	5.3000e-004	0.0338		98.5567	98.5567	2.7700e-003	2.7200e-003	99.4367
<b>Total</b>	<b>0.0402</b>	<b>0.0251</b>	<b>0.3305</b>	<b>9.8000e-004</b>	<b>0.1255</b>	<b>5.8000e-004</b>	<b>0.1261</b>	<b>0.0333</b>	<b>5.3000e-004</b>	<b>0.0338</b>		<b>98.5567</b>	<b>98.5567</b>	<b>2.7700e-003</b>	<b>2.7200e-003</b>	<b>99.4367</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

**3.3 Grading - 2024**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665	0.0000	2,873.054 1	2,873.054 1	0.9292		2,896.284 2
<b>Total</b>	<b>1.6617</b>	<b>17.0310</b>	<b>14.7594</b>	<b>0.0297</b>	<b>3.1872</b>	<b>0.7244</b>	<b>3.9116</b>	<b>1.5411</b>	<b>0.6665</b>	<b>2.2076</b>	<b>0.0000</b>	<b>2,873.054 1</b>	<b>2,873.054 1</b>	<b>0.9292</b>		<b>2,896.284 2</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0402	0.0251	0.3305	9.8000e-004	0.1255	5.8000e-004	0.1261	0.0333	5.3000e-004	0.0338		98.5567	98.5567	2.7700e-003	2.7200e-003	99.4367
<b>Total</b>	<b>0.0402</b>	<b>0.0251</b>	<b>0.3305</b>	<b>9.8000e-004</b>	<b>0.1255</b>	<b>5.8000e-004</b>	<b>0.1261</b>	<b>0.0333</b>	<b>5.3000e-004</b>	<b>0.0338</b>		<b>98.5567</b>	<b>98.5567</b>	<b>2.7700e-003</b>	<b>2.7200e-003</b>	<b>99.4367</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

**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 On-Site**

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

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0370	1.1704	0.5124	5.4100e-003	0.1957	8.7200e-003	0.2044	0.0564	8.3500e-003	0.0647		573.7592	573.7592	6.2200e-003	0.0849	599.2134
Worker	0.2600	0.1621	2.1372	6.3100e-003	0.8116	3.7300e-003	0.8153	0.2153	3.4300e-003	0.2187		637.3334	637.3334	0.0179	0.0176	643.0243
<b>Total</b>	<b>0.2969</b>	<b>1.3325</b>	<b>2.6496</b>	<b>0.0117</b>	<b>1.0073</b>	<b>0.0125</b>	<b>1.0197</b>	<b>0.2716</b>	<b>0.0118</b>	<b>0.2834</b>		<b>1,211.0925</b>	<b>1,211.0925</b>	<b>0.0241</b>	<b>0.1025</b>	<b>1,242.2376</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

**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 On-Site**

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

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0370	1.1704	0.5124	5.4100e-003	0.1957	8.7200e-003	0.2044	0.0564	8.3500e-003	0.0647		573.7592	573.7592	6.2200e-003	0.0849	599.2134
Worker	0.2600	0.1621	2.1372	6.3100e-003	0.8116	3.7300e-003	0.8153	0.2153	3.4300e-003	0.2187		637.3334	637.3334	0.0179	0.0176	643.0243
<b>Total</b>	<b>0.2969</b>	<b>1.3325</b>	<b>2.6496</b>	<b>0.0117</b>	<b>1.0073</b>	<b>0.0125</b>	<b>1.0197</b>	<b>0.2716</b>	<b>0.0118</b>	<b>0.2834</b>		<b>1,211.0925</b>	<b>1,211.0925</b>	<b>0.0241</b>	<b>0.1025</b>	<b>1,242.2376</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

**3.4 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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0365	1.1614	0.5072	5.3100e-003	0.1957	8.7300e-003	0.2044	0.0564	8.3500e-003	0.0647		563.6477	563.6477	6.4400e-003	0.0832	588.6129
Worker	0.2432	0.1456	1.9934	6.0900e-003	0.8116	3.5400e-003	0.8151	0.2153	3.2600e-003	0.2185		615.7633	615.7633	0.0162	0.0164	621.0686
<b>Total</b>	<b>0.2797</b>	<b>1.3070</b>	<b>2.5006</b>	<b>0.0114</b>	<b>1.0073</b>	<b>0.0123</b>	<b>1.0196</b>	<b>0.2716</b>	<b>0.0116</b>	<b>0.2832</b>		<b>1,179.411 0</b>	<b>1,179.411 0</b>	<b>0.0227</b>	<b>0.0997</b>	<b>1,209.681 5</b>



Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

**3.4 Building Construction - 2025**

**Mitigated Construction On-Site**

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

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0365	1.1614	0.5072	5.3100e-003	0.1957	8.7300e-003	0.2044	0.0564	8.3500e-003	0.0647		563.6477	563.6477	6.4400e-003	0.0832	588.6129
Worker	0.2432	0.1456	1.9934	6.0900e-003	0.8116	3.5400e-003	0.8151	0.2153	3.2600e-003	0.2185		615.7633	615.7633	0.0162	0.0164	621.0686
<b>Total</b>	<b>0.2797</b>	<b>1.3070</b>	<b>2.5006</b>	<b>0.0114</b>	<b>1.0073</b>	<b>0.0123</b>	<b>1.0196</b>	<b>0.2716</b>	<b>0.0116</b>	<b>0.2832</b>		<b>1,179.411 0</b>	<b>1,179.411 0</b>	<b>0.0227</b>	<b>0.0997</b>	<b>1,209.681 5</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

**3.5 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	2,206.7452	0.7137		2,224.5878
Paving	0.4664					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3815</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>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0376	0.0225	0.3083	9.4000e-004	0.1255	5.5000e-004	0.1261	0.0333	5.0000e-004	0.0338		95.2211	95.2211	2.5100e-003	2.5400e-003	96.0415
<b>Total</b>	<b>0.0376</b>	<b>0.0225</b>	<b>0.3083</b>	<b>9.4000e-004</b>	<b>0.1255</b>	<b>5.5000e-004</b>	<b>0.1261</b>	<b>0.0333</b>	<b>5.0000e-004</b>	<b>0.0338</b>		<b>95.2211</b>	<b>95.2211</b>	<b>2.5100e-003</b>	<b>2.5400e-003</b>	<b>96.0415</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

**3.5 Paving - 2025**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.4664					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3815</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>0.0000</b>	<b>2,206.745 2</b>	<b>2,206.745 2</b>	<b>0.7137</b>		<b>2,224.587 8</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0376	0.0225	0.3083	9.4000e-004	0.1255	5.5000e-004	0.1261	0.0333	5.0000e-004	0.0338		95.2211	95.2211	2.5100e-003	2.5400e-003	96.0415
<b>Total</b>	<b>0.0376</b>	<b>0.0225</b>	<b>0.3083</b>	<b>9.4000e-004</b>	<b>0.1255</b>	<b>5.5000e-004</b>	<b>0.1261</b>	<b>0.0333</b>	<b>5.0000e-004</b>	<b>0.0338</b>		<b>95.2211</b>	<b>95.2211</b>	<b>2.5100e-003</b>	<b>2.5400e-003</b>	<b>96.0415</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

**3.6 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	28.3616					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>28.5324</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>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0476	0.0285	0.3905	1.1900e-003	0.1590	6.9000e-004	0.1597	0.0422	6.4000e-004	0.0428		120.6134	120.6134	3.1800e-003	3.2200e-003	121.6526
<b>Total</b>	<b>0.0476</b>	<b>0.0285</b>	<b>0.3905</b>	<b>1.1900e-003</b>	<b>0.1590</b>	<b>6.9000e-004</b>	<b>0.1597</b>	<b>0.0422</b>	<b>6.4000e-004</b>	<b>0.0428</b>		<b>120.6134</b>	<b>120.6134</b>	<b>3.1800e-003</b>	<b>3.2200e-003</b>	<b>121.6526</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

**3.6 Architectural Coating - 2025**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	28.3616					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>28.5324</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>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0476	0.0285	0.3905	1.1900e-003	0.1590	6.9000e-004	0.1597	0.0422	6.4000e-004	0.0428		120.6134	120.6134	3.1800e-003	3.2200e-003	121.6526
<b>Total</b>	<b>0.0476</b>	<b>0.0285</b>	<b>0.3905</b>	<b>1.1900e-003</b>	<b>0.1590</b>	<b>6.9000e-004</b>	<b>0.1597</b>	<b>0.0422</b>	<b>6.4000e-004</b>	<b>0.0428</b>		<b>120.6134</b>	<b>120.6134</b>	<b>3.1800e-003</b>	<b>3.2200e-003</b>	<b>121.6526</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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	lb/day										lb/day					
Mitigated	11.8927	13.1403	82.9699	0.1528	16.9464	0.1348	17.0813	4.5203	0.1261	4.6464		15,588.58 30	15,588.58 30	1.2687	1.0226	15,925.02 54
Unmitigated	11.8927	13.1403	82.9699	0.1528	16.9464	0.1348	17.0813	4.5203	0.1261	4.6464		15,588.58 30	15,588.58 30	1.2687	1.0226	15,925.02 54

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Convenience Market with Gas Pumps	6,393.06	6,393.06	6393.06	7,098,506	7,098,506
Fast Food Restaurant with Drive Thru	935.00	935.00	935.00	924,414	924,414
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
<b>Total</b>	<b>7,328.06</b>	<b>7,328.06</b>	<b>7,328.06</b>	<b>8,022,920</b>	<b>8,022,920</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
Convenience Market with Gas	12.50	4.20	5.40	0.80	80.20	19.00	67.14	0	32.86
Fast Food Restaurant with Drive	12.50	4.20	5.40	2.20	78.80	19.00	58	0	42
Other Non-Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

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

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
Parking Lot	12.50	4.20	5.40	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
Convenience Market with Gas Pumps	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689
Fast Food Restaurant with Drive Thru	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689
Other Non-Asphalt Surfaces	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689
Parking Lot	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.0172	0.1559	0.1310	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.0909	187.0909	3.5900e-003	3.4300e-003	188.2027
NaturalGas Unmitigated	0.0172	0.1559	0.1310	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.0909	187.0909	3.5900e-003	3.4300e-003	188.2027

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

**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					
Convenience Market with Gas Pumps	96.2455	1.0400e-003	9.4400e-003	7.9300e-003	6.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004		11.3230	11.3230	2.2000e-004	2.1000e-004	11.3903
Fast Food Restaurant with Drive Thru	1494.03	0.0161	0.1465	0.1230	8.8000e-004		0.0111	0.0111		0.0111	0.0111		175.7679	175.7679	3.3700e-003	3.2200e-003	176.8124
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
<b>Total</b>		<b>0.0172</b>	<b>0.1559</b>	<b>0.1310</b>	<b>9.4000e-004</b>		<b>0.0119</b>	<b>0.0119</b>		<b>0.0119</b>	<b>0.0119</b>		<b>187.0909</b>	<b>187.0909</b>	<b>3.5900e-003</b>	<b>3.4300e-003</b>	<b>188.2027</b>



Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

**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 - Natural Gas**

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Convenience Market with Gas Pumps	0.0962455	1.0400e-003	9.4400e-003	7.9300e-003	6.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004		11.3230	11.3230	2.2000e-004	2.1000e-004	11.3903
Fast Food Restaurant with Drive Thru	1.49403	0.0161	0.1465	0.1230	8.8000e-004		0.0111	0.0111		0.0111	0.0111		175.7679	175.7679	3.3700e-003	3.2200e-003	176.8124
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
<b>Total</b>		<b>0.0172</b>	<b>0.1559</b>	<b>0.1310</b>	<b>9.4000e-004</b>		<b>0.0119</b>	<b>0.0119</b>		<b>0.0119</b>	<b>0.0119</b>		<b>187.0909</b>	<b>187.0909</b>	<b>3.5900e-003</b>	<b>3.4300e-003</b>	<b>188.2027</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

**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	0.6190	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0519	0.0519	1.3000e-004		0.0552
Unmitigated	0.6190	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0519	0.0519	1.3000e-004		0.0552

**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	0.1554					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4614					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.2200e-003	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0519	0.0519	1.3000e-004		0.0552
<b>Total</b>	<b>0.6190</b>	<b>2.2000e-004</b>	<b>0.0241</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0519</b>	<b>0.0519</b>	<b>1.3000e-004</b>		<b>0.0552</b>

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

**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	0.1554					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4614					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.2200e-003	2.2000e-004	0.0241	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0519	0.0519	1.3000e-004		0.0552
<b>Total</b>	<b>0.6190</b>	<b>2.2000e-004</b>	<b>0.0241</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0519</b>	<b>0.0519</b>	<b>1.3000e-004</b>		<b>0.0552</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

Beyond Desert Hot Springs - Riverside-Salton Sea County, Winter

**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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