

Appendix A
Air Quality and GHG Modeling: CalEEMod Outputs

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

**Calhoun Specific Plan
Salton Sea Air Basin, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Low Rise	1,200.00	Dwelling Unit	60.00	1,200,000.00	3648

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.4	Precipitation Freq (Days)	20
Climate Zone	10			Operational Year	2028
Utility Company	Imperial Irrigation District				
CO2 Intensity (lb/MW hr)	189.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Specific plan proposes two phases of development. 1200 units of multi-family residential (multi-family, townhouse, and SFFRs). Land use subtype selected based on project-specific traffic studies.

Construction Phase - Assumes a five-year buildout. Construction starts 2023, ending 2027. Assumes paving and architectural coating will overlap with building construction phase.

On-road Fugitive Dust - All roadways in the project area are currently paved.

Vehicle Trips - Assumes a 8,088 daily trips per project-specific traffic studies. Traffic study assumes daily trip rate of 6.74 multi-family low-rise housing.

Road Dust - All roads are paved.

Woodstoves - Project does not propose wood-burning appliances.

Construction Off-road Equipment Mitigation - Assumes adherence to SCAQMD Rule 403.1 Dust Control Management Plan (including but not limited to soil stabilizers and site watering).

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	75.00	792.00

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tblFireplaces	FireplaceWoodMass	2,080.00	0.00
tblLandUse	LotAcreage	75.00	60.00
tblLandUse	Population	3,876.00	3,648.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblRoadDust	RoadPercentPave	50	100
tblVehicleTrips	ST_TR	8.14	6.74
tblVehicleTrips	SU_TR	6.28	6.74
tblVehicleTrips	WD_TR	7.32	6.74

2.0 Emissions Summary

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.5466	3.9486	4.8759	0.0111	1.3439	0.1649	1.5088	0.5218	0.1526	0.6744	0.0000	989.1982	989.1982	0.1838	0.0236	1,000.8089
2024	3.1722	2.7065	6.2366	0.0157	1.2065	0.0974	1.3039	0.3222	0.0921	0.4143	0.0000	1,424.2863	1,424.2863	0.0998	0.0571	1,443.7869
2025	3.1146	2.5253	5.9304	0.0153	1.2019	0.0843	1.2862	0.3210	0.0797	0.4007	0.0000	1,385.5718	1,385.5718	0.0966	0.0544	1,404.1931
2026	3.0875	2.4957	5.6999	0.0149	1.2019	0.0840	1.2859	0.3210	0.0794	0.4004	0.0000	1,355.4921	1,355.4921	0.0945	0.0522	1,373.4163
2027	0.4967	1.8985	3.9802	0.0107	0.8459	0.0633	0.9092	0.2262	0.0595	0.2857	0.0000	969.6317	969.6317	0.0729	0.0389	983.0537
Maximum	3.1722	3.9486	6.2366	0.0157	1.3439	0.1649	1.5088	0.5218	0.1526	0.6744	0.0000	1,424.2863	1,424.2863	0.1838	0.0571	1,443.7869

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.5466	3.9486	4.8759	0.0111	0.8493	0.1649	1.0142	0.3002	0.1526	0.4528	0.0000	989.1975	989.1975	0.1838	0.0236	1,000.8082
2024	3.1722	2.7065	6.2366	0.0157	1.2065	0.0974	1.3039	0.3222	0.0921	0.4143	0.0000	1,424.2859	1,424.2859	0.0998	0.0571	1,443.7865
2025	3.1146	2.5253	5.9303	0.0153	1.2019	0.0843	1.2862	0.3210	0.0797	0.4007	0.0000	1,385.5714	1,385.5714	0.0966	0.0544	1,404.1927
2026	3.0875	2.4957	5.6998	0.0149	1.2019	0.0840	1.2859	0.3210	0.0794	0.4004	0.0000	1,355.4917	1,355.4917	0.0945	0.0522	1,373.4159
2027	0.4967	1.8985	3.9802	0.0107	0.8459	0.0633	0.9092	0.2262	0.0595	0.2857	0.0000	969.6314	969.6314	0.0729	0.0389	983.0534
Maximum	3.1722	3.9486	6.2366	0.0157	1.2065	0.1649	1.3039	0.3222	0.1526	0.4528	0.0000	1,424.2859	1,424.2859	0.1838	0.0571	1,443.7865

	ROG	NOx	CO	SO2	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	8.53	0.00	7.86	12.95	0.00	10.19	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	1-1-2023	3-31-2023	1.0693	1.0693
2	4-1-2023	6-30-2023	1.2340	1.2340
3	7-1-2023	9-30-2023	1.0975	1.0975
4	10-1-2023	12-31-2023	1.1131	1.1131
5	1-1-2024	3-31-2024	1.4573	1.4573
6	4-1-2024	6-30-2024	1.4776	1.4776
7	7-1-2024	9-30-2024	1.4938	1.4938

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8	10-1-2024	12-31-2024	1.4733	1.4733
9	1-1-2025	3-31-2025	1.3883	1.3883
10	4-1-2025	6-30-2025	1.4220	1.4220
11	7-1-2025	9-30-2025	1.4376	1.4376
12	10-1-2025	12-31-2025	1.4192	1.4192
13	1-1-2026	3-31-2026	1.3747	1.3747
14	4-1-2026	6-30-2026	1.4063	1.4063
15	7-1-2026	9-30-2026	1.4217	1.4217
16	10-1-2026	12-31-2026	1.4053	1.4053
17	1-1-2027	3-31-2027	0.7782	0.7782
18	4-1-2027	6-30-2027	0.7065	0.7065
19	7-1-2027	9-30-2027	0.7143	0.7143
		Highest	1.4938	1.4938

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

2.2 Overall Operational

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	5.7073	0.1244	8.9110	6.1000e-004		0.0512	0.0512		0.0512	0.0512	0.0000	39.9067	39.9067	0.0144	4.6000e-004	40.4058
Energy	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676	0.0000	1,399.8183	1,399.8183	0.0935	0.0268	1,410.1524
Mobile	3.2362	3.8264	26.3780	0.0594	6.8679	0.0442	6.9121	1.8327	0.0414	1.8741	0.0000	5,491.4472	5,491.4472	0.2922	0.2841	5,583.4089
Waste						0.0000	0.0000		0.0000	0.0000	112.0510	0.0000	112.0510	6.6220	0.0000	277.6016
Water						0.0000	0.0000		0.0000	0.0000	24.8044	134.9185	159.7229	2.5711	0.0630	242.7731
Total	9.0414	4.7872	35.6449	0.0654	6.8679	0.1630	7.0309	1.8327	0.1602	1.9929	136.8555	7,066.0907	7,202.9462	9.5932	0.3744	7,554.3418

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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	5.7073	0.1244	8.9110	6.1000e-004		0.0512	0.0512		0.0512	0.0512	0.0000	39.9067	39.9067	0.0144	4.6000e-004	40.4058
Energy	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676	0.0000	1,399.8183	1,399.8183	0.0935	0.0268	1,410.1524
Mobile	3.2362	3.8264	26.3780	0.0594	6.8679	0.0442	6.9121	1.8327	0.0414	1.8741	0.0000	5,491.4472	5,491.4472	0.2922	0.2841	5,583.4089
Waste						0.0000	0.0000		0.0000	0.0000	112.0510	0.0000	112.0510	6.6220	0.0000	277.6016
Water						0.0000	0.0000		0.0000	0.0000	24.8044	134.9185	159.7229	2.5711	0.0630	242.7731
Total	9.0414	4.7872	35.6449	0.0654	6.8679	0.1630	7.0309	1.8327	0.1602	1.9929	136.8555	7,066.0907	7,202.9462	9.5932	0.3744	7,554.3418

	ROG	NOx	CO	SO2	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	1/1/2023	2/24/2023	5	40	
2	Grading	Grading	2/25/2023	7/28/2023	5	110	
3	Building Construction	Building Construction	7/29/2023	10/29/2027	5	1110	

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4	Paving	Paving	8/29/2023	12/11/2023	5	75
5	Architectural Coating	Architectural Coating	1/1/2024	1/12/2027	5	792

Acres of Grading (Site Preparation Phase): 60

Acres of Grading (Grading Phase): 330

Acres of Paving: 0

Residential Indoor: 2,430,000; Residential Outdoor: 810,000; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Grading	Excavators	2	8.00	158	0.38
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
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
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

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	8	20.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	864.00	128.00	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	173.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3931	0.0000	0.3931	0.2021	0.0000	0.2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0532	0.5505	0.3649	7.6000e-004		0.0253	0.0253		0.0233	0.0233	0.0000	66.9014	66.9014	0.0216	0.0000	67.4423
Total	0.0532	0.5505	0.3649	7.6000e-004	0.3931	0.0253	0.4185	0.2021	0.0233	0.2253	0.0000	66.9014	66.9014	0.0216	0.0000	67.4423

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

3.2 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2800e-003	8.1000e-004	0.0102	3.0000e-005	2.9800e-003	1.0000e-005	2.9900e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.3306	2.3306	7.0000e-005	7.0000e-005	2.3533
Total	1.2800e-003	8.1000e-004	0.0102	3.0000e-005	2.9800e-003	1.0000e-005	2.9900e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.3306	2.3306	7.0000e-005	7.0000e-005	2.3533

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					0.1769	0.0000	0.1769	0.0909	0.0000	0.0909	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0532	0.5505	0.3649	7.6000e-004		0.0253	0.0253		0.0233	0.0233	0.0000	66.9013	66.9013	0.0216	0.0000	67.4422
Total	0.0532	0.5505	0.3649	7.6000e-004	0.1769	0.0253	0.2022	0.0909	0.0233	0.1142	0.0000	66.9013	66.9013	0.0216	0.0000	67.4422

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3.2 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2800e-003	8.1000e-004	0.0102	3.0000e-005	2.9800e-003	1.0000e-005	2.9900e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.3306	2.3306	7.0000e-005	7.0000e-005	2.3533
Total	1.2800e-003	8.1000e-004	0.0102	3.0000e-005	2.9800e-003	1.0000e-005	2.9900e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.3306	2.3306	7.0000e-005	7.0000e-005	2.3533

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5062	0.0000	0.5062	0.2010	0.0000	0.2010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1827	1.8984	1.5428	3.4100e-003		0.0784	0.0784		0.0721	0.0721	0.0000	299.9437	299.9437	0.0970	0.0000	302.3688
Total	0.1827	1.8984	1.5428	3.4100e-003	0.5062	0.0784	0.5846	0.2010	0.0721	0.2730	0.0000	299.9437	299.9437	0.0970	0.0000	302.3688

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3.3 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-003	2.4800e-003	0.0313	8.0000e-005	9.0900e-003	5.0000e-005	9.1400e-003	2.4100e-003	4.0000e-005	2.4600e-003	0.0000	7.1213	7.1213	2.2000e-004	2.1000e-004	7.1906
Total	3.9000e-003	2.4800e-003	0.0313	8.0000e-005	9.0900e-003	5.0000e-005	9.1400e-003	2.4100e-003	4.0000e-005	2.4600e-003	0.0000	7.1213	7.1213	2.2000e-004	2.1000e-004	7.1906

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					0.2278	0.0000	0.2278	0.0904	0.0000	0.0904	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1827	1.8984	1.5428	3.4100e-003		0.0784	0.0784		0.0721	0.0721	0.0000	299.9433	299.9433	0.0970	0.0000	302.3685
Total	0.1827	1.8984	1.5428	3.4100e-003	0.2278	0.0784	0.3061	0.0904	0.0721	0.1625	0.0000	299.9433	299.9433	0.0970	0.0000	302.3685

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.3 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-003	2.4800e-003	0.0313	8.0000e-005	9.0900e-003	5.0000e-005	9.1400e-003	2.4100e-003	4.0000e-005	2.4600e-003	0.0000	7.1213	7.1213	2.2000e-004	2.1000e-004	7.1906
Total	3.9000e-003	2.4800e-003	0.0313	8.0000e-005	9.0900e-003	5.0000e-005	9.1400e-003	2.4100e-003	4.0000e-005	2.4600e-003	0.0000	7.1213	7.1213	2.2000e-004	2.1000e-004	7.1906

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0865	0.7912	0.8934	1.4800e-003		0.0385	0.0385		0.0362	0.0362	0.0000	127.4926	127.4926	0.0303	0.0000	128.2508
Total	0.0865	0.7912	0.8934	1.4800e-003		0.0385	0.0385		0.0362	0.0362	0.0000	127.4926	127.4926	0.0303	0.0000	128.2508

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.9100e-003	0.2148	0.1189	1.0400e-003	0.0350	1.5800e-003	0.0366	0.0101	1.5100e-003	0.0116	0.0000	99.0242	99.0242	7.6000e-004	0.0139	103.1838
Worker	0.1684	0.1070	1.3515	3.3600e-003	0.3929	1.9600e-003	0.3948	0.1043	1.8100e-003	0.1061	0.0000	307.6420	307.6420	9.3400e-003	9.2600e-003	310.6342
Total	0.1783	0.3218	1.4704	4.4000e-003	0.4279	3.5400e-003	0.4314	0.1144	3.3200e-003	0.1177	0.0000	406.6663	406.6663	0.0101	0.0232	413.8180

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	0.0865	0.7912	0.8934	1.4800e-003		0.0385	0.0385		0.0362	0.0362	0.0000	127.4925	127.4925	0.0303	0.0000	128.2507
Total	0.0865	0.7912	0.8934	1.4800e-003		0.0385	0.0385		0.0362	0.0362	0.0000	127.4925	127.4925	0.0303	0.0000	128.2507

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.9100e-003	0.2148	0.1189	1.0400e-003	0.0350	1.5800e-003	0.0366	0.0101	1.5100e-003	0.0116	0.0000	99.0242	99.0242	7.6000e-004	0.0139	103.1838
Worker	0.1684	0.1070	1.3515	3.3600e-003	0.3929	1.9600e-003	0.3948	0.1043	1.8100e-003	0.1061	0.0000	307.6420	307.6420	9.3400e-003	9.2600e-003	310.6342
Total	0.1783	0.3218	1.4704	4.4000e-003	0.4279	3.5400e-003	0.4314	0.1144	3.3200e-003	0.1177	0.0000	406.6663	406.6663	0.0101	0.0232	413.8180

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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	0.0231	0.5132	0.2782	2.4300e-003	0.0834	3.7000e-003	0.0871	0.0241	3.5400e-003	0.0276	0.0000	232.6711	232.6711	1.7900e-003	0.0325	242.4066
Worker	0.3739	0.2271	3.0023	7.7600e-003	0.9357	4.4900e-003	0.9402	0.2484	4.1300e-003	0.2526	0.0000	711.9004	711.9004	0.0203	0.0205	718.5012
Total	0.3970	0.7402	3.2805	0.0102	1.0191	8.1900e-003	1.0273	0.2725	7.6700e-003	0.2802	0.0000	944.5715	944.5715	0.0220	0.0530	960.9078

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	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0231	0.5132	0.2782	2.4300e-003	0.0834	3.7000e-003	0.0871	0.0241	3.5400e-003	0.0276	0.0000	232.6711	232.6711	1.7900e-003	0.0325	242.4066
Worker	0.3739	0.2271	3.0023	7.7600e-003	0.9357	4.4900e-003	0.9402	0.2484	4.1300e-003	0.2526	0.0000	711.9004	711.9004	0.0203	0.0205	718.5012
Total	0.3970	0.7402	3.2805	0.0102	1.0191	8.1900e-003	1.0273	0.2725	7.6700e-003	0.2802	0.0000	944.5715	944.5715	0.0220	0.0530	960.9078

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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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 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	0.0226	0.5059	0.2723	2.3800e-003	0.0831	3.6700e-003	0.0868	0.0240	3.5100e-003	0.0275	0.0000	227.6064	227.6064	1.7800e-003	0.0317	237.0819
Worker	0.3472	0.2021	2.7685	7.4700e-003	0.9321	4.2300e-003	0.9364	0.2475	3.8900e-003	0.2514	0.0000	684.8601	684.8601	0.0182	0.0189	690.9603
Total	0.3699	0.7080	3.0409	9.8500e-003	1.0152	7.9000e-003	1.0231	0.2714	7.4000e-003	0.2789	0.0000	912.4665	912.4665	0.0200	0.0506	928.0422

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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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 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	0.0226	0.5059	0.2723	2.3800e-003	0.0831	3.6700e-003	0.0868	0.0240	3.5100e-003	0.0275	0.0000	227.6064	227.6064	1.7800e-003	0.0317	237.0819
Worker	0.3472	0.2021	2.7685	7.4700e-003	0.9321	4.2300e-003	0.9364	0.2475	3.8900e-003	0.2514	0.0000	684.8601	684.8601	0.0182	0.0189	690.9603
Total	0.3699	0.7080	3.0409	9.8500e-003	1.0152	7.9000e-003	1.0231	0.2714	7.4000e-003	0.2789	0.0000	912.4665	912.4665	0.0200	0.0506	928.0422

3.4 Building Construction - 2026

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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.4 Building Construction - 2026

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	0.0223	0.5001	0.2682	2.3400e-003	0.0831	3.6300e-003	0.0867	0.0240	3.4800e-003	0.0275	0.0000	223.3420	223.3420	1.7700e-003	0.0309	232.5968
Worker	0.3249	0.1823	2.5799	7.2300e-003	0.9321	3.9900e-003	0.9361	0.2475	3.6700e-003	0.2511	0.0000	663.3514	663.3514	0.0165	0.0178	669.0547
Total	0.3472	0.6824	2.8481	9.5700e-003	1.0152	7.6200e-003	1.0229	0.2714	7.1500e-003	0.2786	0.0000	886.6934	886.6934	0.0183	0.0487	901.6516

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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.4 Building Construction - 2026

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	0.0223	0.5001	0.2682	2.3400e-003	0.0831	3.6300e-003	0.0867	0.0240	3.4800e-003	0.0275	0.0000	223.3420	223.3420	1.7700e-003	0.0309	232.5968
Worker	0.3249	0.1823	2.5799	7.2300e-003	0.9321	3.9900e-003	0.9361	0.2475	3.6700e-003	0.2511	0.0000	663.3514	663.3514	0.0165	0.0178	669.0547
Total	0.3472	0.6824	2.8481	9.5700e-003	1.0152	7.6200e-003	1.0229	0.2714	7.1500e-003	0.2786	0.0000	886.6934	886.6934	0.0183	0.0487	901.6516

3.4 Building Construction - 2027

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	0.1477	1.3467	1.7371	2.9100e-003		0.0570	0.0570		0.0536	0.0536	0.0000	250.4730	250.4730	0.0589	0.0000	251.9450
Total	0.1477	1.3467	1.7371	2.9100e-003		0.0570	0.0570		0.0536	0.0536	0.0000	250.4730	250.4730	0.0589	0.0000	251.9450

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.4 Building Construction - 2027

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	0.0182	0.4094	0.2190	1.8900e-003	0.0688	2.9800e-003	0.0718	0.0198	2.8500e-003	0.0227	0.0000	181.1205	181.1205	1.4700e-003	0.0250	188.5938
Worker	0.2524	0.1369	2.0019	5.8100e-003	0.7714	3.0900e-003	0.7745	0.2048	2.8400e-003	0.2076	0.0000	533.0637	533.0637	0.0124	0.0139	537.5061
Total	0.2706	0.5462	2.2210	7.7000e-003	0.8402	6.0700e-003	0.8463	0.2246	5.6900e-003	0.2303	0.0000	714.1842	714.1842	0.0139	0.0388	726.0999

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	0.1477	1.3467	1.7371	2.9100e-003		0.0570	0.0570		0.0536	0.0536	0.0000	250.4727	250.4727	0.0589	0.0000	251.9447
Total	0.1477	1.3467	1.7371	2.9100e-003		0.0570	0.0570		0.0536	0.0536	0.0000	250.4727	250.4727	0.0589	0.0000	251.9447

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.4 Building Construction - 2027

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	0.0182	0.4094	0.2190	1.8900e-003	0.0688	2.9800e-003	0.0718	0.0198	2.8500e-003	0.0227	0.0000	181.1205	181.1205	1.4700e-003	0.0250	188.5938
Worker	0.2524	0.1369	2.0019	5.8100e-003	0.7714	3.0900e-003	0.7745	0.2048	2.8400e-003	0.2076	0.0000	533.0637	533.0637	0.0124	0.0139	537.5061
Total	0.2706	0.5462	2.2210	7.7000e-003	0.8402	6.0700e-003	0.8463	0.2246	5.6900e-003	0.2303	0.0000	714.1842	714.1842	0.0139	0.0388	726.0999

3.5 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0387	0.3822	0.5469	8.6000e-004		0.0191	0.0191		0.0176	0.0176	0.0000	75.1008	75.1008	0.0243	0.0000	75.7080
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0387	0.3822	0.5469	8.6000e-004		0.0191	0.0191		0.0176	0.0176	0.0000	75.1008	75.1008	0.0243	0.0000	75.7080

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.5 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9900e-003	1.2700e-003	0.0160	4.0000e-005	4.6500e-003	2.0000e-005	4.6700e-003	1.2300e-003	2.0000e-005	1.2600e-003	0.0000	3.6416	3.6416	1.1000e-004	1.1000e-004	3.6770
Total	1.9900e-003	1.2700e-003	0.0160	4.0000e-005	4.6500e-003	2.0000e-005	4.6700e-003	1.2300e-003	2.0000e-005	1.2600e-003	0.0000	3.6416	3.6416	1.1000e-004	1.1000e-004	3.6770

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	0.0387	0.3822	0.5469	8.6000e-004		0.0191	0.0191		0.0176	0.0176	0.0000	75.1007	75.1007	0.0243	0.0000	75.7079
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0387	0.3822	0.5469	8.6000e-004		0.0191	0.0191		0.0176	0.0176	0.0000	75.1007	75.1007	0.0243	0.0000	75.7079

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.5 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9900e-003	1.2700e-003	0.0160	4.0000e-005	4.6500e-003	2.0000e-005	4.6700e-003	1.2300e-003	2.0000e-005	1.2600e-003	0.0000	3.6416	3.6416	1.1000e-004	1.1000e-004	3.6770
Total	1.9900e-003	1.2700e-003	0.0160	4.0000e-005	4.6500e-003	2.0000e-005	4.6700e-003	1.2300e-003	2.0000e-005	1.2600e-003	0.0000	3.6416	3.6416	1.1000e-004	1.1000e-004	3.6770

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.4839					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	2.5076	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0749	0.0455	0.6012	1.5500e-003	0.1874	9.0000e-004	0.1883	0.0497	8.3000e-004	0.0506	0.0000	142.5449	142.5449	4.0500e-003	4.1000e-003	143.8666
Total	0.0749	0.0455	0.6012	1.5500e-003	0.1874	9.0000e-004	0.1883	0.0497	8.3000e-004	0.0506	0.0000	142.5449	142.5449	4.0500e-003	4.1000e-003	143.8666

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	2.4839					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	2.5076	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0749	0.0455	0.6012	1.5500e-003	0.1874	9.0000e-004	0.1883	0.0497	8.3000e-004	0.0506	0.0000	142.5449	142.5449	4.0500e-003	4.1000e-003	143.8666
Total	0.0749	0.0455	0.6012	1.5500e-003	0.1874	9.0000e-004	0.1883	0.0497	8.3000e-004	0.0506	0.0000	142.5449	142.5449	4.0500e-003	4.1000e-003	143.8666

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	2.4745					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	2.4968	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Calhoun Specific Plan - Salton Sea Air Basin, 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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0695	0.0405	0.5544	1.5000e-003	0.1866	8.5000e-004	0.1875	0.0496	7.8000e-004	0.0503	0.0000	137.1305	137.1305	3.6400e-003	3.7900e-003	138.3520
Total	0.0695	0.0405	0.5544	1.5000e-003	0.1866	8.5000e-004	0.1875	0.0496	7.8000e-004	0.0503	0.0000	137.1305	137.1305	3.6400e-003	3.7900e-003	138.3520

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	2.4745					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	2.4968	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Calhoun Specific Plan - Salton Sea Air Basin, 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	0.0695	0.0405	0.5544	1.5000e-003	0.1866	8.5000e-004	0.1875	0.0496	7.8000e-004	0.0503	0.0000	137.1305	137.1305	3.6400e-003	3.7900e-003	138.3520
Total	0.0695	0.0405	0.5544	1.5000e-003	0.1866	8.5000e-004	0.1875	0.0496	7.8000e-004	0.0503	0.0000	137.1305	137.1305	3.6400e-003	3.7900e-003	138.3520

3.6 Architectural Coating - 2026

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	2.4745					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	2.4968	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.6 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0651	0.0365	0.5166	1.4500e-003	0.1866	8.0000e-004	0.1874	0.0496	7.4000e-004	0.0503	0.0000	132.8238	132.8238	3.3000e-003	3.5600e-003	133.9658
Total	0.0651	0.0365	0.5166	1.4500e-003	0.1866	8.0000e-004	0.1874	0.0496	7.4000e-004	0.0503	0.0000	132.8238	132.8238	3.3000e-003	3.5600e-003	133.9658

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	2.4745					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	2.4968	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.6 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0651	0.0365	0.5166	1.4500e-003	0.1866	8.0000e-004	0.1874	0.0496	7.4000e-004	0.0503	0.0000	132.8238	132.8238	3.3000e-003	3.5600e-003	133.9658
Total	0.0651	0.0365	0.5166	1.4500e-003	0.1866	8.0000e-004	0.1874	0.0496	7.4000e-004	0.0503	0.0000	132.8238	132.8238	3.3000e-003	3.5600e-003	133.9658

3.6 Architectural Coating - 2027

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	0.0759					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.8000e-004	4.5800e-003	7.2400e-003	1.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	1.0213	1.0213	6.0000e-005	0.0000	1.0227
Total	0.0765	4.5800e-003	7.2400e-003	1.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	1.0213	1.0213	6.0000e-005	0.0000	1.0227

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.6 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8700e-003	1.0100e-003	0.0149	4.0000e-005	5.7200e-003	2.0000e-005	5.7400e-003	1.5200e-003	2.0000e-005	1.5400e-003	0.0000	3.9532	3.9532	9.0000e-005	1.0000e-004	3.9861
Total	1.8700e-003	1.0100e-003	0.0149	4.0000e-005	5.7200e-003	2.0000e-005	5.7400e-003	1.5200e-003	2.0000e-005	1.5400e-003	0.0000	3.9532	3.9532	9.0000e-005	1.0000e-004	3.9861

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	0.0759					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.8000e-004	4.5800e-003	7.2400e-003	1.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	1.0213	1.0213	6.0000e-005	0.0000	1.0227
Total	0.0765	4.5800e-003	7.2400e-003	1.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	1.0213	1.0213	6.0000e-005	0.0000	1.0227

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

3.6 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8700e-003	1.0100e-003	0.0149	4.0000e-005	5.7200e-003	2.0000e-005	5.7400e-003	1.5200e-003	2.0000e-005	1.5400e-003	0.0000	3.9532	3.9532	9.0000e-005	1.0000e-004	3.9861
Total	1.8700e-003	1.0100e-003	0.0149	4.0000e-005	5.7200e-003	2.0000e-005	5.7400e-003	1.5200e-003	2.0000e-005	1.5400e-003	0.0000	3.9532	3.9532	9.0000e-005	1.0000e-004	3.9861

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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	tons/yr										MT/yr					
Mitigated	3.2362	3.8264	26.3780	0.0594	6.8679	0.0442	6.9121	1.8327	0.0414	1.8741	0.0000	5,491.4472	5,491.4472	0.2922	0.2841	5,583.4089
Unmitigated	3.2362	3.8264	26.3780	0.0594	6.8679	0.0442	6.9121	1.8327	0.0414	1.8741	0.0000	5,491.4472	5,491.4472	0.2922	0.2841	5,583.4089

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	8,088.00	8,088.00	8,088.00	18,092,217	18,092,217
Total	8,088.00	8,088.00	8,088.00	18,092,217	18,092,217

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
Apartments Low Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.524096	0.061278	0.188062	0.137866	0.023615	0.006737	0.010935	0.019635	0.000921	0.000220	0.022252	0.000863	0.003520

Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	431.2069	431.2069	0.0749	9.0800e-003	435.7850
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	431.2069	431.2069	0.0749	9.0800e-003	435.7850
NaturalGas Mitigated	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676	0.0000	968.6114	968.6114	0.0186	0.0178	974.3674
NaturalGas Unmitigated	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676	0.0000	968.6114	968.6114	0.0186	0.0178	974.3674

Calhoun Specific Plan - Salton Sea Air Basin, 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 - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.81511e+007	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676	0.0000	968.6114	968.6114	0.0186	0.0178	974.3674
Total		0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676	0.0000	968.6114	968.6114	0.0186	0.0178	974.3674

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.81511e+007	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676	0.0000	968.6114	968.6114	0.0186	0.0178	974.3674
Total		0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676	0.0000	968.6114	968.6114	0.0186	0.0178	974.3674

Calhoun Specific Plan - Salton Sea Air Basin, 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			
Apartments Low Rise	5.00394e+006	431.2069	0.0749	9.0800e-003	435.7850
Total		431.2069	0.0749	9.0800e-003	435.7850

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	5.00394e+006	431.2069	0.0749	9.0800e-003	435.7850
Total		431.2069	0.0749	9.0800e-003	435.7850

6.0 Area Detail

6.1 Mitigation Measures Area

Calhoun Specific Plan - Salton Sea Air Basin, 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	5.7073	0.1244	8.9110	6.1000e-004		0.0512	0.0512		0.0512	0.0512	0.0000	39.9067	39.9067	0.0144	4.6000e-004	40.4058
Unmitigated	5.7073	0.1244	8.9110	6.1000e-004		0.0512	0.0512		0.0512	0.0512	0.0000	39.9067	39.9067	0.0144	4.6000e-004	40.4058

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	0.7509					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.6866					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.5600e-003	0.0219	9.3200e-003	1.4000e-004		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003	0.0000	25.3521	25.3521	4.9000e-004	4.6000e-004	25.5028
Landscaping	0.2673	0.1025	8.9017	4.7000e-004		0.0494	0.0494		0.0494	0.0494	0.0000	14.5546	14.5546	0.0139	0.0000	14.9030
Total	5.7073	0.1244	8.9110	6.1000e-004		0.0512	0.0512		0.0512	0.0512	0.0000	39.9067	39.9067	0.0144	4.6000e-004	40.4058

Calhoun Specific Plan - Salton Sea Air Basin, 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	0.7509					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.6866					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.5600e-003	0.0219	9.3200e-003	1.4000e-004		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003	0.0000	25.3521	25.3521	4.9000e-004	4.6000e-004	25.5028
Landscaping	0.2673	0.1025	8.9017	4.7000e-004		0.0494	0.0494		0.0494	0.0494	0.0000	14.5546	14.5546	0.0139	0.0000	14.9030
Total	5.7073	0.1244	8.9110	6.1000e-004		0.0512	0.0512		0.0512	0.0512	0.0000	39.9067	39.9067	0.0144	4.6000e-004	40.4058

7.0 Water Detail

7.1 Mitigation Measures Water

Calhoun Specific Plan - Salton Sea Air Basin, 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	159.7229	2.5711	0.0630	242.7731
Unmitigated	159.7229	2.5711	0.0630	242.7731

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	78.1848 / 49.2904	159.7229	2.5711	0.0630	242.7731
Total		159.7229	2.5711	0.0630	242.7731

Calhoun Specific Plan - Salton Sea Air Basin, 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			
Apartments Low Rise	78.1848 / 49.2904	159.7229	2.5711	0.0630	242.7731
Total		159.7229	2.5711	0.0630	242.7731

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	112.0510	6.6220	0.0000	277.6016
Unmitigated	112.0510	6.6220	0.0000	277.6016

Calhoun Specific Plan - Salton Sea Air Basin, 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

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	552	112.0510	6.6220	0.0000	277.6016
Total		112.0510	6.6220	0.0000	277.6016

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	552	112.0510	6.6220	0.0000	277.6016
Total		112.0510	6.6220	0.0000	277.6016

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Calhoun Specific Plan - Salton Sea Air Basin, Annual

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

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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11.0 Vegetation

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

**Calhoun Specific Plan
Salton Sea Air Basin, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Low Rise	1,200.00	Dwelling Unit	60.00	1,200,000.00	3648

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.4	Precipitation Freq (Days)	20
Climate Zone	10			Operational Year	2028
Utility Company	Imperial Irrigation District				
CO2 Intensity (lb/MW hr)	189.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Specific plan proposes two phases of development. 1200 units of multi-family residential (multi-family, townhouse, and SFFRs). Land use subtype selected based on project-specific traffic studies.

Construction Phase - Assumes a five-year buildout. Construction starts 2023, ending 2027. Assumes paving and architectural coating will overlap with building construction phase.

On-road Fugitive Dust - All roadways in the project area are currently paved.

Vehicle Trips - Assumes a 8,088 daily trips per project-specific traffic studies. Traffic study assumes daily trip rate of 6.74 multi-family low-rise housing.

Road Dust - All roads are paved.

Woodstoves - Project does not propose wood-burning appliances.

Construction Off-road Equipment Mitigation - Assumes adherence to SCAQMD Rule 403.1 Dust Control Management Plan (including but not limited to soil stabilizers and site watering).

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	75.00	792.00

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

tblFireplaces	FireplaceWoodMass	2,080.00	0.00
tblLandUse	LotAcreage	75.00	60.00
tblLandUse	Population	3,876.00	3,648.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblRoadDust	RoadPercentPave	50	100
tblVehicleTrips	ST_TR	8.14	6.74
tblVehicleTrips	SU_TR	6.28	6.74
tblVehicleTrips	WD_TR	7.32	6.74

2.0 Emissions Summary

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	6.6351	34.5606	64.2320	0.1366	19.8076	1.4253	21.0744	10.1424	1.3113	11.3078	0.0000	13,624.45 27	13,624.45 27	1.9487	0.4673	13,802.05 87
2024	25.0107	20.4538	54.4672	0.1265	9.3193	0.7435	10.0628	2.4866	0.7026	3.1892	0.0000	12,676.04 17	12,676.04 17	0.8467	0.4805	12,840.40 23
2025	24.6028	19.1497	51.7674	0.1235	9.3193	0.6460	9.9653	2.4866	0.6104	3.0970	0.0000	12,369.34 32	12,369.34 32	0.8215	0.4598	12,526.89 63
2026	24.3422	18.9276	49.5542	0.1207	9.3193	0.6436	9.9628	2.4866	0.6081	3.0947	0.0000	12,092.93 31	12,092.93 31	0.8033	0.4415	12,244.58 94
2027	24.1097	18.7347	47.6690	0.1182	9.3193	0.6409	9.9602	2.4866	0.6057	3.0923	0.0000	11,840.34 23	11,840.34 23	0.7876	0.4250	11,986.69 51
Maximum	25.0107	34.5606	64.2320	0.1366	19.8076	1.4253	21.0744	10.1424	1.3113	11.3078	0.0000	13,624.45 27	13,624.45 27	1.9487	0.4805	13,802.05 87

Calhoun Specific Plan - Salton Sea Air Basin, 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	33.9555	11.3212	103.2404	0.0702		1.3720	1.3720		1.3720	1.3720	0.0000	13,176.3804	13,176.3804	0.4198	0.2383	13,257.8894
Energy	0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393
Mobile	23.3168	20.0625	169.0125	0.3504	38.1855	0.2432	38.4287	10.1803	0.2277	10.4081		35,675.1394	35,675.1394	1.7685	1.7166	36,230.9123
Total	57.8086	35.9665	274.2030	0.4499	38.1855	1.9857	40.1713	10.1803	1.9703	12.1506	0.0000	54,701.9926	54,701.9926	2.3005	2.0622	55,374.0410

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	33.9555	11.3212	103.2404	0.0702		1.3720	1.3720		1.3720	1.3720	0.0000	13,176.3804	13,176.3804	0.4198	0.2383	13,257.8894
Energy	0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393
Mobile	23.3168	20.0625	169.0125	0.3504	38.1855	0.2432	38.4287	10.1803	0.2277	10.4081		35,675.1394	35,675.1394	1.7685	1.7166	36,230.9123
Total	57.8086	35.9665	274.2030	0.4499	38.1855	1.9857	40.1713	10.1803	1.9703	12.1506	0.0000	54,701.9926	54,701.9926	2.3005	2.0622	55,374.0410

Calhoun Specific Plan - Salton Sea Air Basin, 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	1/1/2023	2/24/2023	5	40	
2	Grading	Grading	2/25/2023	7/28/2023	5	110	
3	Building Construction	Building Construction	7/29/2023	10/29/2027	5	1110	
4	Paving	Paving	8/29/2023	12/11/2023	5	75	
5	Architectural Coating	Architectural Coating	1/1/2024	1/12/2027	5	792	

Acres of Grading (Site Preparation Phase): 60

Acres of Grading (Grading Phase): 330

Acres of Paving: 0

Residential Indoor: 2,430,000; Residential Outdoor: 810,000; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Grading	Excavators	2	8.00	158	0.38
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

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
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

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	8	20.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	864.00	128.00	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	173.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.2 Site Preparation - 2023

Unmitigated Construction 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	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.308 1	3,687.308 1	1.1926		3,717.121 9
Total	2.6595	27.5242	18.2443	0.0381	19.6570	1.2660	20.9230	10.1025	1.1647	11.2672		3,687.308 1	3,687.308 1	1.1926		3,717.121 9

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	0.0786	0.0405	0.6404	1.3900e-003	0.1506	7.4000e-004	0.1513	0.0400	6.8000e-004	0.0406		140.8882	140.8882	4.0400e-003	3.8800e-003	142.1464
Total	0.0786	0.0405	0.6404	1.3900e-003	0.1506	7.4000e-004	0.1513	0.0400	6.8000e-004	0.0406		140.8882	140.8882	4.0400e-003	3.8800e-003	142.1464

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.2 Site Preparation - 2023

Mitigated Construction 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	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.308 1	3,687.308 1	1.1926		3,717.121 9
Total	2.6595	27.5242	18.2443	0.0381	8.8457	1.2660	10.1117	4.5461	1.1647	5.7108	0.0000	3,687.308 1	3,687.308 1	1.1926		3,717.121 9

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	0.0786	0.0405	0.6404	1.3900e-003	0.1506	7.4000e-004	0.1513	0.0400	6.8000e-004	0.0406		140.8882	140.8882	4.0400e-003	3.8800e-003	142.1464
Total	0.0786	0.0405	0.6404	1.3900e-003	0.1506	7.4000e-004	0.1513	0.0400	6.8000e-004	0.0406		140.8882	140.8882	4.0400e-003	3.8800e-003	142.1464

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	9.2036	1.4245	10.6281	3.6538	1.3105	4.9643		6,011.4777	6,011.4777	1.9442		6,060.0836

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	0.0874	0.0450	0.7116	1.5500e-003	0.1673	8.3000e-004	0.1682	0.0444	7.6000e-004	0.0451		156.5424	156.5424	4.4800e-003	4.3200e-003	157.9404
Total	0.0874	0.0450	0.7116	1.5500e-003	0.1673	8.3000e-004	0.1682	0.0444	7.6000e-004	0.0451		156.5424	156.5424	4.4800e-003	4.3200e-003	157.9404

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.3 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	4.1416	1.4245	5.5661	1.6442	1.3105	2.9547	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

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	0.0874	0.0450	0.7116	1.5500e-003	0.1673	8.3000e-004	0.1682	0.0444	7.6000e-004	0.0451		156.5424	156.5424	4.4800e-003	4.3200e-003	157.9404
Total	0.0874	0.0450	0.7116	1.5500e-003	0.1673	8.3000e-004	0.1682	0.0444	7.6000e-004	0.0451		156.5424	156.5424	4.4800e-003	4.3200e-003	157.9404

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.4 Building Construction - 2023

Unmitigated Construction On-Site

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

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	0.1894	3.6977	2.1296	0.0188	0.6430	0.0287	0.6717	0.1853	0.0274	0.2127		1,981.6186	1,981.6186	0.0154	0.2776	2,064.7369
Worker	3.7746	1.9443	30.7404	0.0669	7.2288	0.0357	7.2645	1.9174	0.0328	1.9502		6,762.6332	6,762.6332	0.1937	0.1864	6,823.0268
Total	3.9640	5.6419	32.8701	0.0857	7.8718	0.0643	7.9362	2.1027	0.0602	2.1629		8,744.2518	8,744.2518	0.2091	0.4640	8,887.7637

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.4 Building Construction - 2023

Mitigated Construction On-Site

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

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	0.1894	3.6977	2.1296	0.0188	0.6430	0.0287	0.6717	0.1853	0.0274	0.2127		1,981.6186	1,981.6186	0.0154	0.2776	2,064.7369
Worker	3.7746	1.9443	30.7404	0.0669	7.2288	0.0357	7.2645	1.9174	0.0328	1.9502		6,762.6332	6,762.6332	0.1937	0.1864	6,823.0268
Total	3.9640	5.6419	32.8701	0.0857	7.8718	0.0643	7.9362	2.1027	0.0602	2.1629		8,744.2518	8,744.2518	0.2091	0.4640	8,887.7637

Calhoun Specific Plan - Salton Sea Air Basin, 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
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077

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	0.1854	3.7097	2.0908	0.0185	0.6430	0.0282	0.6712	0.1853	0.0270	0.2122		1,954.8215	1,954.8215	0.0153	0.2728	2,036.5045
Worker	3.5090	1.7343	28.6607	0.0650	7.2288	0.0343	7.2631	1.9174	0.0316	1.9490		6,568.7939	6,568.7939	0.1760	0.1730	6,624.7603
Total	3.6944	5.4440	30.7514	0.0835	7.8718	0.0625	7.9343	2.1027	0.0585	2.1612		8,523.6154	8,523.6154	0.1913	0.4459	8,661.2648

Calhoun Specific Plan - Salton Sea Air Basin, 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
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077

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	0.1854	3.7097	2.0908	0.0185	0.6430	0.0282	0.6712	0.1853	0.0270	0.2122		1,954.8215	1,954.8215	0.0153	0.2728	2,036.5045
Worker	3.5090	1.7343	28.6607	0.0650	7.2288	0.0343	7.2631	1.9174	0.0316	1.9490		6,568.7939	6,568.7939	0.1760	0.1730	6,624.7603
Total	3.6944	5.4440	30.7514	0.0835	7.8718	0.0625	7.9343	2.1027	0.0585	2.1612		8,523.6154	8,523.6154	0.1913	0.4459	8,661.2648

Calhoun Specific Plan - Salton Sea Air Basin, 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
Total	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

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	0.1823	3.6719	2.0537	0.0182	0.6430	0.0281	0.6711	0.1853	0.0268	0.2121		1,919.568 8	1,919.568 8	0.0152	0.2665	1,999.379 0
Worker	3.2668	1.5519	26.5114	0.0628	7.2288	0.0324	7.2612	1.9174	0.0298	1.9472		6,341.986 6	6,341.986 6	0.1583	0.1610	6,393.922 7
Total	3.4491	5.2237	28.5652	0.0810	7.8718	0.0604	7.9323	2.1027	0.0566	2.1593		8,261.555 4	8,261.555 4	0.1735	0.4275	8,393.301 7

Calhoun Specific Plan - Salton Sea Air Basin, 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
Total	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

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	0.1823	3.6719	2.0537	0.0182	0.6430	0.0281	0.6711	0.1853	0.0268	0.2121		1,919.568 8	1,919.568 8	0.0152	0.2665	1,999.379 0
Worker	3.2668	1.5519	26.5114	0.0628	7.2288	0.0324	7.2612	1.9174	0.0298	1.9472		6,341.986 6	6,341.986 6	0.1583	0.1610	6,393.922 7
Total	3.4491	5.2237	28.5652	0.0810	7.8718	0.0604	7.9323	2.1027	0.0566	2.1593		8,261.555 4	8,261.555 4	0.1735	0.4275	8,393.301 7

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.4 Building Construction - 2026

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
Total	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

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	0.1795	3.6311	2.0218	0.0179	0.6430	0.0278	0.6708	0.1853	0.0266	0.2118		1,883.581 9	1,883.581 9	0.0152	0.2603	1,961.537 1
Worker	3.0520	1.4009	24.6941	0.0608	7.2288	0.0306	7.2594	1.9174	0.0281	1.9456		6,141.672 6	6,141.672 6	0.1431	0.1510	6,190.241 2
Total	3.2315	5.0319	26.7159	0.0786	7.8718	0.0584	7.9302	2.1027	0.0547	2.1574		8,025.254 5	8,025.254 5	0.1583	0.4113	8,151.778 3

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.4 Building Construction - 2026

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
Total	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

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	0.1795	3.6311	2.0218	0.0179	0.6430	0.0278	0.6708	0.1853	0.0266	0.2118		1,883.581 9	1,883.581 9	0.0152	0.2603	1,961.537 1
Worker	3.0520	1.4009	24.6941	0.0608	7.2288	0.0306	7.2594	1.9174	0.0281	1.9456		6,141.672 6	6,141.672 6	0.1431	0.1510	6,190.241 2
Total	3.2315	5.0319	26.7159	0.0786	7.8718	0.0584	7.9302	2.1027	0.0547	2.1574		8,025.254 5	8,025.254 5	0.1583	0.4113	8,151.778 3

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.4 Building Construction - 2027

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
Total	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

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	0.1770	3.5920	1.9948	0.0175	0.6430	0.0275	0.6705	0.1853	0.0263	0.2116		1,845.707 8	1,845.707 8	0.0152	0.2540	1,921.774 3
Worker	2.8603	1.2727	23.1459	0.0590	7.2288	0.0286	7.2575	1.9174	0.0263	1.9437		5,962.776 6	5,962.776 6	0.1301	0.1425	6,008.500 0
Total	3.0374	4.8647	25.1407	0.0765	7.8718	0.0561	7.9280	2.1027	0.0527	2.1553		7,808.484 3	7,808.484 3	0.1453	0.3965	7,930.274 3

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.4 Building Construction - 2027

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
Total	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

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	0.1770	3.5920	1.9948	0.0175	0.6430	0.0275	0.6705	0.1853	0.0263	0.2116		1,845.707 8	1,845.707 8	0.0152	0.2540	1,921.774 3
Worker	2.8603	1.2727	23.1459	0.0590	7.2288	0.0286	7.2575	1.9174	0.0263	1.9437		5,962.776 6	5,962.776 6	0.1301	0.1425	6,008.500 0
Total	3.0374	4.8647	25.1407	0.0765	7.8718	0.0561	7.9280	2.1027	0.0527	2.1553		7,808.484 3	7,808.484 3	0.1453	0.3965	7,930.274 3

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.5 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

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	0.0655	0.0338	0.5337	1.1600e-003	0.1255	6.2000e-004	0.1261	0.0333	5.7000e-004	0.0339		117.4068	117.4068	3.3600e-003	3.2400e-003	118.4553
Total	0.0655	0.0338	0.5337	1.1600e-003	0.1255	6.2000e-004	0.1261	0.0333	5.7000e-004	0.0339		117.4068	117.4068	3.3600e-003	3.2400e-003	118.4553

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.5 Paving - 2023

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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6

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	0.0655	0.0338	0.5337	1.1600e-003	0.1255	6.2000e-004	0.1261	0.0333	5.7000e-004	0.0339		117.4068	117.4068	3.3600e-003	3.2400e-003	118.4553
Total	0.0655	0.0338	0.5337	1.1600e-003	0.1255	6.2000e-004	0.1261	0.0333	5.7000e-004	0.0339		117.4068	117.4068	3.3600e-003	3.2400e-003	118.4553

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.6 Architectural Coating - 2024

Unmitigated Construction 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	18.9614					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	19.1421	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

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	0.7026	0.3473	5.7388	0.0130	1.4474	6.8600e-003	1.4543	0.3839	6.3200e-003	0.3902		1,315.2793	1,315.2793	0.0352	0.0347	1,326.4856
Total	0.7026	0.3473	5.7388	0.0130	1.4474	6.8600e-003	1.4543	0.3839	6.3200e-003	0.3902		1,315.2793	1,315.2793	0.0352	0.0347	1,326.4856

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.6 Architectural Coating - 2024

Mitigated Construction 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	18.9614					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	19.1421	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443

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	0.7026	0.3473	5.7388	0.0130	1.4474	6.8600e-003	1.4543	0.3839	6.3200e-003	0.3902		1,315.2793	1,315.2793	0.0352	0.0347	1,326.4856
Total	0.7026	0.3473	5.7388	0.0130	1.4474	6.8600e-003	1.4543	0.3839	6.3200e-003	0.3902		1,315.2793	1,315.2793	0.0352	0.0347	1,326.4856

Calhoun Specific Plan - Salton Sea Air Basin, 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	18.9614					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
Total	19.1322	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

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	0.6541	0.3107	5.3084	0.0126	1.4474	6.4900e-003	1.4539	0.3839	5.9700e-003	0.3899		1,269.8654	1,269.8654	0.0317	0.0322	1,280.2646
Total	0.6541	0.3107	5.3084	0.0126	1.4474	6.4900e-003	1.4539	0.3839	5.9700e-003	0.3899		1,269.8654	1,269.8654	0.0317	0.0322	1,280.2646

Calhoun Specific Plan - Salton Sea Air Basin, 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	18.9614					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
Total	19.1322	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

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	0.6541	0.3107	5.3084	0.0126	1.4474	6.4900e-003	1.4539	0.3839	5.9700e-003	0.3899		1,269.8654	1,269.8654	0.0317	0.0322	1,280.2646
Total	0.6541	0.3107	5.3084	0.0126	1.4474	6.4900e-003	1.4539	0.3839	5.9700e-003	0.3899		1,269.8654	1,269.8654	0.0317	0.0322	1,280.2646

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.6 Architectural Coating - 2026

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	18.9614					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
Total	19.1322	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

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	0.6111	0.2805	4.9445	0.0122	1.4474	6.1200e-003	1.4536	0.3839	5.6400e-003	0.3896		1,229.7562	1,229.7562	0.0287	0.0302	1,239.4812
Total	0.6111	0.2805	4.9445	0.0122	1.4474	6.1200e-003	1.4536	0.3839	5.6400e-003	0.3896		1,229.7562	1,229.7562	0.0287	0.0302	1,239.4812

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.6 Architectural Coating - 2026

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	18.9614					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
Total	19.1322	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

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	0.6111	0.2805	4.9445	0.0122	1.4474	6.1200e-003	1.4536	0.3839	5.6400e-003	0.3896		1,229.7562	1,229.7562	0.0287	0.0302	1,239.4812
Total	0.6111	0.2805	4.9445	0.0122	1.4474	6.1200e-003	1.4536	0.3839	5.6400e-003	0.3896		1,229.7562	1,229.7562	0.0287	0.0302	1,239.4812

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.6 Architectural Coating - 2027

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	18.9614					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
Total	19.1322	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

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	0.5727	0.2548	4.6345	0.0118	1.4474	5.7300e-003	1.4532	0.3839	5.2700e-003	0.3892		1,193.9356	1,193.9356	0.0261	0.0285	1,203.0909
Total	0.5727	0.2548	4.6345	0.0118	1.4474	5.7300e-003	1.4532	0.3839	5.2700e-003	0.3892		1,193.9356	1,193.9356	0.0261	0.0285	1,203.0909

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

3.6 Architectural Coating - 2027

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	18.9614					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
Total	19.1322	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

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	0.5727	0.2548	4.6345	0.0118	1.4474	5.7300e-003	1.4532	0.3839	5.2700e-003	0.3892		1,193.9356	1,193.9356	0.0261	0.0285	1,203.0909
Total	0.5727	0.2548	4.6345	0.0118	1.4474	5.7300e-003	1.4532	0.3839	5.2700e-003	0.3892		1,193.9356	1,193.9356	0.0261	0.0285	1,203.0909

Calhoun Specific Plan - Salton Sea Air Basin, 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	23.3168	20.0625	169.0125	0.3504	38.1855	0.2432	38.4287	10.1803	0.2277	10.4081		35,675.13 94	35,675.13 94	1.7685	1.7166	36,230.91 23
Unmitigated	23.3168	20.0625	169.0125	0.3504	38.1855	0.2432	38.4287	10.1803	0.2277	10.4081		35,675.13 94	35,675.13 94	1.7685	1.7166	36,230.91 23

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	8,088.00	8,088.00	8088.00	18,092,217	18,092,217
Total	8,088.00	8,088.00	8,088.00	18,092,217	18,092,217

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
Apartments Low Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.524096	0.061278	0.188062	0.137866	0.023615	0.006737	0.010935	0.019635	0.000921	0.000220	0.022252	0.000863	0.003520

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393
NaturalGas Unmitigated	0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393

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					
Apartments Low Rise	49729	0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393
Total		0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393

Calhoun Specific Plan - Salton Sea Air Basin, 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					
Apartments Low Rise	49.729	0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393
Total		0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	33.9555	11.3212	103.2404	0.0702		1.3720	1.3720		1.3720	1.3720	0.0000	13,176.3804	13,176.3804	0.4198	0.2383	13,257.8894
Unmitigated	33.9555	11.3212	103.2404	0.0702		1.3720	1.3720		1.3720	1.3720	0.0000	13,176.3804	13,176.3804	0.4198	0.2383	13,257.8894

Calhoun Specific Plan - Salton Sea Air Basin, 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

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	4.1144					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	25.6800					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.1915	10.1819	4.3327	0.0650		0.8232	0.8232		0.8232	0.8232	0.0000	12,998.1177	12,998.1177	0.2491	0.2383	13,075.3590
Landscaping	2.9697	1.1393	98.9077	5.2300e-003		0.5488	0.5488		0.5488	0.5488		178.2628	178.2628	0.1707		182.5305
Total	33.9555	11.3212	103.2404	0.0702		1.3720	1.3720		1.3720	1.3720	0.0000	13,176.3804	13,176.3804	0.4198	0.2383	13,257.8894

Calhoun Specific Plan - Salton Sea Air Basin, 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	4.1144					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	25.6800					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.1915	10.1819	4.3327	0.0650		0.8232	0.8232		0.8232	0.8232	0.0000	12,998.1177	12,998.1177	0.2491	0.2383	13,075.3590
Landscaping	2.9697	1.1393	98.9077	5.2300e-003		0.5488	0.5488		0.5488	0.5488		178.2628	178.2628	0.1707		182.5305
Total	33.9555	11.3212	103.2404	0.0702		1.3720	1.3720		1.3720	1.3720	0.0000	13,176.3804	13,176.3804	0.4198	0.2383	13,257.8894

7.0 Water Detail

7.1 Mitigation Measures Water

Calhoun Specific Plan - Salton Sea Air Basin, Summer

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

**Calhoun Specific Plan
Salton Sea Air Basin, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Low Rise	1,200.00	Dwelling Unit	60.00	1,200,000.00	3648

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.4	Precipitation Freq (Days)	20
Climate Zone	10			Operational Year	2028
Utility Company	Imperial Irrigation District				
CO2 Intensity (lb/MW hr)	189.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Specific plan proposes two phases of development. 1200 units of multi-family residential (multi-family, townhouse, and SFFRs). Land use subtype selected based on project-specific traffic studies.

Construction Phase - Assumes a five-year buildout. Construction starts 2023, ending 2027. Assumes paving and architectural coating will overlap with building construction phase.

On-road Fugitive Dust - All roadways in the project area are currently paved.

Vehicle Trips - Assumes a 8,088 daily trips per project-specific traffic studies. Traffic study assumes daily trip rate of 6.74 multi-family low-rise housing.

Road Dust - All roads are paved.

Woodstoves - Project does not propose wood-burning appliances.

Construction Off-road Equipment Mitigation - Assumes adherence to SCAQMD Rule 403.1 Dust Control Management Plan (including but not limited to soil stabilizers and site watering).

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	75.00	792.00

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

tblFireplaces	FireplaceWoodMass	2,080.00	0.00
tblLandUse	LotAcreage	75.00	60.00
tblLandUse	Population	3,876.00	3,648.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblRoadDust	RoadPercentPave	50	100
tblVehicleTrips	ST_TR	8.14	6.74
tblVehicleTrips	SU_TR	6.28	6.74
tblVehicleTrips	WD_TR	7.32	6.74

2.0 Emissions Summary

Calhoun Specific Plan - Salton Sea Air Basin, 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					
2023	5.7100	34.5618	55.3616	0.1266	19.8076	1.4253	21.0744	10.1424	1.3113	11.3078	0.0000	12,615.90 84	12,615.90 84	1.9487	0.4713	12,794.68 85
2024	24.0127	20.8259	44.7343	0.1151	9.3193	0.7437	10.0630	2.4866	0.7028	3.1894	0.0000	11,521.90 45	11,521.90 45	0.8465	0.4845	11,687.44 84
2025	23.6821	19.5104	42.8200	0.1125	9.3193	0.6461	9.9654	2.4866	0.6105	3.0971	0.0000	11,257.92 74	11,257.92 74	0.8223	0.4634	11,416.58 71
2026	23.4912	19.2783	41.2603	0.1101	9.3193	0.6437	9.9630	2.4866	0.6083	3.0949	0.0000	11,018.77 39	11,018.77 39	0.8047	0.4449	11,171.47 06
2027	23.3196	19.0765	39.9276	0.1079	9.3193	0.6411	9.9603	2.4866	0.6058	3.0924	0.0000	10,799.04 61	10,799.04 61	0.7896	0.4282	10,946.38 05
Maximum	24.0127	34.5618	55.3616	0.1266	19.8076	1.4253	21.0744	10.1424	1.3113	11.3078	0.0000	12,615.90 84	12,615.90 84	1.9487	0.4845	12,794.68 85

Calhoun Specific Plan - Salton Sea Air Basin, 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	33.9555	11.3212	103.2404	0.0702		1.3720	1.3720		1.3720	1.3720	0.0000	13,176.3804	13,176.3804	0.4198	0.2383	13,257.8894
Energy	0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393
Mobile	15.0686	21.7512	140.2483	0.3112	38.1855	0.2435	38.4291	10.1803	0.2281	10.4084		31,714.9394	31,714.9394	1.8580	1.7507	32,283.0855
Total	49.5604	37.6553	245.4389	0.4107	38.1855	1.9861	40.1716	10.1803	1.9706	12.1509	0.0000	50,741.7926	50,741.7926	2.3900	2.0962	51,426.2142

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	33.9555	11.3212	103.2404	0.0702		1.3720	1.3720		1.3720	1.3720	0.0000	13,176.3804	13,176.3804	0.4198	0.2383	13,257.8894
Energy	0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393
Mobile	15.0686	21.7512	140.2483	0.3112	38.1855	0.2435	38.4291	10.1803	0.2281	10.4084		31,714.9394	31,714.9394	1.8580	1.7507	32,283.0855
Total	49.5604	37.6553	245.4389	0.4107	38.1855	1.9861	40.1716	10.1803	1.9706	12.1509	0.0000	50,741.7926	50,741.7926	2.3900	2.0962	51,426.2142

Calhoun Specific Plan - Salton Sea Air Basin, 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	1/1/2023	2/24/2023	5	40	
2	Grading	Grading	2/25/2023	7/28/2023	5	110	
3	Building Construction	Building Construction	7/29/2023	10/29/2027	5	1110	
4	Paving	Paving	8/29/2023	12/11/2023	5	75	
5	Architectural Coating	Architectural Coating	1/1/2024	1/12/2027	5	792	

Acres of Grading (Site Preparation Phase): 60

Acres of Grading (Grading Phase): 330

Acres of Paving: 0

Residential Indoor: 2,430,000; Residential Outdoor: 810,000; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Grading	Excavators	2	8.00	158	0.38
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

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
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

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	8	20.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	864.00	128.00	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	173.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.2 Site Preparation - 2023

Unmitigated Construction 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	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.308 1	3,687.308 1	1.1926		3,717.121 9
Total	2.6595	27.5242	18.2443	0.0381	19.6570	1.2660	20.9230	10.1025	1.1647	11.2672		3,687.308 1	3,687.308 1	1.1926		3,717.121 9

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	0.0600	0.0416	0.4571	1.1900e-003	0.1506	7.4000e-004	0.1513	0.0400	6.8000e-004	0.0406		120.0877	120.0877	4.0300e-003	3.9300e-003	121.3596
Total	0.0600	0.0416	0.4571	1.1900e-003	0.1506	7.4000e-004	0.1513	0.0400	6.8000e-004	0.0406		120.0877	120.0877	4.0300e-003	3.9300e-003	121.3596

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.2 Site Preparation - 2023

Mitigated Construction 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	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.308 1	3,687.308 1	1.1926		3,717.121 9
Total	2.6595	27.5242	18.2443	0.0381	8.8457	1.2660	10.1117	4.5461	1.1647	5.7108	0.0000	3,687.308 1	3,687.308 1	1.1926		3,717.121 9

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	0.0600	0.0416	0.4571	1.1900e-003	0.1506	7.4000e-004	0.1513	0.0400	6.8000e-004	0.0406		120.0877	120.0877	4.0300e-003	3.9300e-003	121.3596
Total	0.0600	0.0416	0.4571	1.1900e-003	0.1506	7.4000e-004	0.1513	0.0400	6.8000e-004	0.0406		120.0877	120.0877	4.0300e-003	3.9300e-003	121.3596

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	9.2036	1.4245	10.6281	3.6538	1.3105	4.9643		6,011.4777	6,011.4777	1.9442		6,060.0836

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	0.0667	0.0462	0.5079	1.3200e-003	0.1673	8.3000e-004	0.1682	0.0444	7.6000e-004	0.0451		133.4307	133.4307	4.4800e-003	4.3700e-003	134.8441
Total	0.0667	0.0462	0.5079	1.3200e-003	0.1673	8.3000e-004	0.1682	0.0444	7.6000e-004	0.0451		133.4307	133.4307	4.4800e-003	4.3700e-003	134.8441

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.3 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	4.1416	1.4245	5.5661	1.6442	1.3105	2.9547	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

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	0.0667	0.0462	0.5079	1.3200e-003	0.1673	8.3000e-004	0.1682	0.0444	7.6000e-004	0.0451		133.4307	133.4307	4.4800e-003	4.3700e-003	134.8441
Total	0.0667	0.0462	0.5079	1.3200e-003	0.1673	8.3000e-004	0.1682	0.0444	7.6000e-004	0.0451		133.4307	133.4307	4.4800e-003	4.3700e-003	134.8441

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.4 Building Construction - 2023

Unmitigated Construction On-Site

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

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	0.1736	4.0172	2.2124	0.0189	0.6430	0.0288	0.6718	0.1853	0.0276	0.2128		1,988.8337	1,988.8337	0.0149	0.2794	2,072.4531
Worker	2.8809	1.9962	21.9401	0.0570	7.2288	0.0357	7.2645	1.9174	0.0328	1.9502		5,764.2076	5,764.2076	0.1935	0.1887	5,825.2628
Total	3.0544	6.0134	24.1525	0.0759	7.8718	0.0645	7.9363	2.1027	0.0604	2.1631		7,753.0413	7,753.0413	0.2083	0.4680	7,897.7158

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.4 Building Construction - 2023

Mitigated Construction On-Site

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

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	0.1736	4.0172	2.2124	0.0189	0.6430	0.0288	0.6718	0.1853	0.0276	0.2128		1,988.8337	1,988.8337	0.0149	0.2794	2,072.4531
Worker	2.8809	1.9962	21.9401	0.0570	7.2288	0.0357	7.2645	1.9174	0.0328	1.9502		5,764.2076	5,764.2076	0.1935	0.1887	5,825.2628
Total	3.0544	6.0134	24.1525	0.0759	7.8718	0.0645	7.9363	2.1027	0.0604	2.1631		7,753.0413	7,753.0413	0.2083	0.4680	7,897.7158

Calhoun Specific Plan - Salton Sea Air Basin, 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
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077

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	0.1698	4.0297	2.1739	0.0186	0.6430	0.0283	0.6713	0.1853	0.0271	0.2124		1,961.9964	1,961.9964	0.0148	0.2745	2,044.1636
Worker	2.6905	1.7777	20.4823	0.0554	7.2288	0.0343	7.2631	1.9174	0.0316	1.9490		5,601.2204	5,601.2204	0.1763	0.1750	5,657.7694
Total	2.8603	5.8074	22.6562	0.0740	7.8718	0.0626	7.9344	2.1027	0.0587	2.1613		7,563.2169	7,563.2169	0.1910	0.4495	7,701.9330

Calhoun Specific Plan - Salton Sea Air Basin, 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
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077

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	0.1698	4.0297	2.1739	0.0186	0.6430	0.0283	0.6713	0.1853	0.0271	0.2124		1,961.9964	1,961.9964	0.0148	0.2745	2,044.1636
Worker	2.6905	1.7777	20.4823	0.0554	7.2288	0.0343	7.2631	1.9174	0.0316	1.9490		5,601.2204	5,601.2204	0.1763	0.1750	5,657.7694
Total	2.8603	5.8074	22.6562	0.0740	7.8718	0.0626	7.9344	2.1027	0.0587	2.1613		7,563.2169	7,563.2169	0.1910	0.4495	7,701.9330

Calhoun Specific Plan - Salton Sea Air Basin, 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
Total	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

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	0.1669	3.9883	2.1373	0.0183	0.6430	0.0282	0.6712	0.1853	0.0270	0.2122		1,926.679 6	1,926.679 6	0.0147	0.2682	2,006.959 2
Worker	2.5125	1.5888	18.9871	0.0535	7.2288	0.0324	7.2612	1.9174	0.0298	1.9472		5,410.060 9	5,410.060 9	0.1594	0.1627	5,462.528 0
Total	2.6794	5.5771	21.1244	0.0718	7.8718	0.0606	7.9324	2.1027	0.0568	2.1595		7,336.740 5	7,336.740 5	0.1741	0.4309	7,469.487 1

Calhoun Specific Plan - Salton Sea Air Basin, 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
Total	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

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	0.1669	3.9883	2.1373	0.0183	0.6430	0.0282	0.6712	0.1853	0.0270	0.2122		1,926.679 6	1,926.679 6	0.0147	0.2682	2,006.959 2
Worker	2.5125	1.5888	18.9871	0.0535	7.2288	0.0324	7.2612	1.9174	0.0298	1.9472		5,410.060 9	5,410.060 9	0.1594	0.1627	5,462.528 0
Total	2.6794	5.5771	21.1244	0.0718	7.8718	0.0606	7.9324	2.1027	0.0568	2.1595		7,336.740 5	7,336.740 5	0.1741	0.4309	7,469.487 1

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.4 Building Construction - 2026

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
Total	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

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	0.1643	3.9438	2.1057	0.0179	0.6430	0.0279	0.6709	0.1853	0.0267	0.2120		1,890.612 2	1,890.612 2	0.0147	0.2619	1,969.022 8
Worker	2.3556	1.4325	17.7139	0.0519	7.2288	0.0306	7.2594	1.9174	0.0281	1.9456		5,240.855 1	5,240.855 1	0.1447	0.1525	5,289.911 1
Total	2.5199	5.3763	19.8196	0.0698	7.8718	0.0585	7.9303	2.1027	0.0549	2.1575		7,131.467 3	7,131.467 3	0.1594	0.4144	7,258.933 9

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.4 Building Construction - 2026

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
Total	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

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	0.1643	3.9438	2.1057	0.0179	0.6430	0.0279	0.6709	0.1853	0.0267	0.2120		1,890.612 2	1,890.612 2	0.0147	0.2619	1,969.022 8
Worker	2.3556	1.4325	17.7139	0.0519	7.2288	0.0306	7.2594	1.9174	0.0281	1.9456		5,240.855 1	5,240.855 1	0.1447	0.1525	5,289.911 1
Total	2.5199	5.3763	19.8196	0.0698	7.8718	0.0585	7.9303	2.1027	0.0549	2.1575		7,131.467 3	7,131.467 3	0.1594	0.4144	7,258.933 9

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.4 Building Construction - 2027

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
Total	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

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	0.1621	3.9012	2.0789	0.0176	0.6430	0.0277	0.6706	0.1853	0.0265	0.2117		1,852.651 8	1,852.651 8	0.0147	0.2555	1,929.161 0
Worker	2.2145	1.2999	16.6259	0.0504	7.2288	0.0286	7.2575	1.9174	0.0263	1.9437		5,089.411 5	5,089.411 5	0.1321	0.1439	5,135.584 0
Total	2.3766	5.2011	18.7048	0.0679	7.8718	0.0563	7.9281	2.1027	0.0528	2.1555		6,942.063 3	6,942.063 3	0.1468	0.3994	7,064.745 0

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.4 Building Construction - 2027

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
Total	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

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	0.1621	3.9012	2.0789	0.0176	0.6430	0.0277	0.6706	0.1853	0.0265	0.2117		1,852.651 8	1,852.651 8	0.0147	0.2555	1,929.161 0
Worker	2.2145	1.2999	16.6259	0.0504	7.2288	0.0286	7.2575	1.9174	0.0263	1.9437		5,089.411 5	5,089.411 5	0.1321	0.1439	5,135.584 0
Total	2.3766	5.2011	18.7048	0.0679	7.8718	0.0563	7.9281	2.1027	0.0528	2.1555		6,942.063 3	6,942.063 3	0.1468	0.3994	7,064.745 0

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.5 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

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	0.0500	0.0347	0.3809	9.9000e-004	0.1255	6.2000e-004	0.1261	0.0333	5.7000e-004	0.0339		100.0731	100.0731	3.3600e-003	3.2800e-003	101.1330
Total	0.0500	0.0347	0.3809	9.9000e-004	0.1255	6.2000e-004	0.1261	0.0333	5.7000e-004	0.0339		100.0731	100.0731	3.3600e-003	3.2800e-003	101.1330

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.5 Paving - 2023

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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

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	0.0500	0.0347	0.3809	9.9000e-004	0.1255	6.2000e-004	0.1261	0.0333	5.7000e-004	0.0339		100.0731	100.0731	3.3600e-003	3.2800e-003	101.1330
Total	0.0500	0.0347	0.3809	9.9000e-004	0.1255	6.2000e-004	0.1261	0.0333	5.7000e-004	0.0339		100.0731	100.0731	3.3600e-003	3.2800e-003	101.1330

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.6 Architectural Coating - 2024

Unmitigated Construction 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	18.9614					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	19.1421	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

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	0.5387	0.3560	4.1012	0.0111	1.4474	6.8600e-003	1.4543	0.3839	6.3200e-003	0.3902		1,121.5407	1,121.5407	0.0353	0.0350	1,132.8636
Total	0.5387	0.3560	4.1012	0.0111	1.4474	6.8600e-003	1.4543	0.3839	6.3200e-003	0.3902		1,121.5407	1,121.5407	0.0353	0.0350	1,132.8636

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.6 Architectural Coating - 2024

Mitigated Construction 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	18.9614					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	19.1421	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443

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	0.5387	0.3560	4.1012	0.0111	1.4474	6.8600e-003	1.4543	0.3839	6.3200e-003	0.3902		1,121.5407	1,121.5407	0.0353	0.0350	1,132.8636
Total	0.5387	0.3560	4.1012	0.0111	1.4474	6.8600e-003	1.4543	0.3839	6.3200e-003	0.3902		1,121.5407	1,121.5407	0.0353	0.0350	1,132.8636

Calhoun Specific Plan - Salton Sea Air Basin, 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	18.9614					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
Total	19.1322	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

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	0.5031	0.3181	3.8018	0.0107	1.4474	6.4900e-003	1.4539	0.3839	5.9700e-003	0.3899		1,083.2645	1,083.2645	0.0319	0.0326	1,093.7701
Total	0.5031	0.3181	3.8018	0.0107	1.4474	6.4900e-003	1.4539	0.3839	5.9700e-003	0.3899		1,083.2645	1,083.2645	0.0319	0.0326	1,093.7701

Calhoun Specific Plan - Salton Sea Air Basin, 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	18.9614					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
Total	19.1322	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

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	0.5031	0.3181	3.8018	0.0107	1.4474	6.4900e-003	1.4539	0.3839	5.9700e-003	0.3899		1,083.2645	1,083.2645	0.0319	0.0326	1,093.7701
Total	0.5031	0.3181	3.8018	0.0107	1.4474	6.4900e-003	1.4539	0.3839	5.9700e-003	0.3899		1,083.2645	1,083.2645	0.0319	0.0326	1,093.7701

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.6 Architectural Coating - 2026

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	18.9614					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
Total	19.1322	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

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	0.4717	0.2868	3.5469	0.0104	1.4474	6.1200e-003	1.4536	0.3839	5.6400e-003	0.3896		1,049.3842	1,049.3842	0.0290	0.0305	1,059.2067
Total	0.4717	0.2868	3.5469	0.0104	1.4474	6.1200e-003	1.4536	0.3839	5.6400e-003	0.3896		1,049.3842	1,049.3842	0.0290	0.0305	1,059.2067

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.6 Architectural Coating - 2026

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	18.9614					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
Total	19.1322	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

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	0.4717	0.2868	3.5469	0.0104	1.4474	6.1200e-003	1.4536	0.3839	5.6400e-003	0.3896		1,049.3842	1,049.3842	0.0290	0.0305	1,059.2067
Total	0.4717	0.2868	3.5469	0.0104	1.4474	6.1200e-003	1.4536	0.3839	5.6400e-003	0.3896		1,049.3842	1,049.3842	0.0290	0.0305	1,059.2067

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.6 Architectural Coating - 2027

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	18.9614					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
Total	19.1322	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

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	0.4434	0.2603	3.3290	0.0101	1.4474	5.7300e-003	1.4532	0.3839	5.2700e-003	0.3892		1,019.0604	1,019.0604	0.0265	0.0288	1,028.3056
Total	0.4434	0.2603	3.3290	0.0101	1.4474	5.7300e-003	1.4532	0.3839	5.2700e-003	0.3892		1,019.0604	1,019.0604	0.0265	0.0288	1,028.3056

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

3.6 Architectural Coating - 2027

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	18.9614					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
Total	19.1322	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

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	0.4434	0.2603	3.3290	0.0101	1.4474	5.7300e-003	1.4532	0.3839	5.2700e-003	0.3892		1,019.0604	1,019.0604	0.0265	0.0288	1,028.3056
Total	0.4434	0.2603	3.3290	0.0101	1.4474	5.7300e-003	1.4532	0.3839	5.2700e-003	0.3892		1,019.0604	1,019.0604	0.0265	0.0288	1,028.3056

Calhoun Specific Plan - Salton Sea Air Basin, 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	15.0686	21.7512	140.2483	0.3112	38.1855	0.2435	38.4291	10.1803	0.2281	10.4084		31,714.93 94	31,714.93 94	1.8580	1.7507	32,283.08 55
Unmitigated	15.0686	21.7512	140.2483	0.3112	38.1855	0.2435	38.4291	10.1803	0.2281	10.4084		31,714.93 94	31,714.93 94	1.8580	1.7507	32,283.08 55

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	8,088.00	8,088.00	8088.00	18,092,217	18,092,217
Total	8,088.00	8,088.00	8,088.00	18,092,217	18,092,217

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
Apartments Low Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.524096	0.061278	0.188062	0.137866	0.023615	0.006737	0.010935	0.019635	0.000921	0.000220	0.022252	0.000863	0.003520

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393
NaturalGas Unmitigated	0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393

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					
Apartments Low Rise	49729	0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393
Total		0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393

Calhoun Specific Plan - Salton Sea Air Basin, 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					
Apartments Low Rise	49.729	0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393
Total		0.5363	4.5829	1.9502	0.0293		0.3705	0.3705		0.3705	0.3705		5,850.4728	5,850.4728	0.1121	0.1073	5,885.2393

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	33.9555	11.3212	103.2404	0.0702		1.3720	1.3720		1.3720	1.3720	0.0000	13,176.3804	13,176.3804	0.4198	0.2383	13,257.8894
Unmitigated	33.9555	11.3212	103.2404	0.0702		1.3720	1.3720		1.3720	1.3720	0.0000	13,176.3804	13,176.3804	0.4198	0.2383	13,257.8894

Calhoun Specific Plan - Salton Sea Air Basin, 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

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	4.1144					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	25.6800					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.1915	10.1819	4.3327	0.0650		0.8232	0.8232		0.8232	0.8232	0.0000	12,998.1177	12,998.1177	0.2491	0.2383	13,075.3590
Landscaping	2.9697	1.1393	98.9077	5.2300e-003		0.5488	0.5488		0.5488	0.5488		178.2628	178.2628	0.1707		182.5305
Total	33.9555	11.3212	103.2404	0.0702		1.3720	1.3720		1.3720	1.3720	0.0000	13,176.3804	13,176.3804	0.4198	0.2383	13,257.8894

Calhoun Specific Plan - Salton Sea Air Basin, 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	4.1144					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	25.6800					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.1915	10.1819	4.3327	0.0650		0.8232	0.8232		0.8232	0.8232	0.0000	12,998.1177	12,998.1177	0.2491	0.2383	13,075.3590
Landscaping	2.9697	1.1393	98.9077	5.2300e-003		0.5488	0.5488		0.5488	0.5488		178.2628	178.2628	0.1707		182.5305
Total	33.9555	11.3212	103.2404	0.0702		1.3720	1.3720		1.3720	1.3720	0.0000	13,176.3804	13,176.3804	0.4198	0.2383	13,257.8894

7.0 Water Detail

7.1 Mitigation Measures Water

Calhoun Specific Plan - Salton Sea Air Basin, Winter

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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