

APPENDIX A

A1. CalEEMod Construction Outputs

and

A.2 CalEEMod Operations Outputs

Joshua Tree 304 - Mojave Desert Air Basin, Winter

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

Joshua Tree 304
Mojave Desert Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	23.00	Dwelling Unit	46.00	41,400.00	54

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	31
Climate Zone	10			Operational Year	2029
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction for all 23 lots in the JT304 TTM. Assumes five year construction period, starting Jan 1 2024.

Land Use - Construction of 23 houses across 23 lots on 304 acre site. Assumes only 2 acres per lot will be disturbed for construction. Assumes population of 54 based on JT av. household size of 2.31.

Construction Phase - Assumes 5 year construction period. Assumes construction, paving, and architectural coating will occur concurrently.

Woodstoves - Assumes housing will have no woodstoves or fireplaces.

Construction Off-road Equipment Mitigation - Assumes standard dust control measures will be applied.

Grading -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	30.00	66.00
tblConstructionPhase	NumDays	740.00	1,145.00
tblConstructionPhase	NumDays	55.00	1,110.00
tblConstructionPhase	NumDays	55.00	1,110.00

Joshua Tree 304 - Mojave Desert Air Basin, Winter

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

tblConstructionPhase	PhaseEndDate	2/9/2024	4/1/2024
tblConstructionPhase	PhaseEndDate	5/24/2024	7/12/2024
tblConstructionPhase	PhaseEndDate	3/26/2027	12/1/2028
tblConstructionPhase	PhaseEndDate	6/11/2027	12/29/2028
tblConstructionPhase	PhaseEndDate	8/27/2027	12/29/2028
tblConstructionPhase	PhaseStartDate	2/10/2024	4/1/2024
tblConstructionPhase	PhaseStartDate	5/25/2024	7/15/2024
tblConstructionPhase	PhaseStartDate	3/27/2027	9/30/2024
tblConstructionPhase	PhaseStartDate	6/12/2027	9/30/2024
tblLandUse	LotAcreage	7.47	46.00
tblLandUse	Population	66.00	54.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

2.0 Emissions Summary

Joshua Tree 304 - Mojave Desert 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					
2024	6.0311	59.6512	47.2398	0.1039	29.3460	2.5669	31.9129	13.8849	2.3616	16.2465	0.0000	10,079.6286	10,079.6286	3.1455	0.0118	10,161.2350
2025	3.7160	22.3251	33.2235	0.0555	0.3316	0.9995	1.3311	0.0882	0.9346	1.0228	0.0000	5,323.9260	5,323.9260	1.3355	0.0112	5,360.6450
2026	3.7101	22.3185	33.1742	0.0554	0.3316	0.9995	1.3311	0.0882	0.9345	1.0228	0.0000	5,315.5401	5,315.5401	1.3350	0.0107	5,352.0962
2027	3.7046	22.3130	33.1320	0.0553	0.3316	0.9994	1.3310	0.0882	0.9345	1.0227	0.0000	5,307.8554	5,307.8554	1.3346	0.0102	5,344.2679
2028	3.6995	22.3083	33.0968	0.0553	0.3316	0.9993	1.3309	0.0882	0.9344	1.0226	0.0000	5,300.9443	5,300.9443	1.3342	9.8400e-003	5,337.2319
Maximum	6.0311	59.6512	47.2398	0.1039	29.3460	2.5669	31.9129	13.8849	2.3616	16.2465	0.0000	10,079.6286	10,079.6286	3.1455	0.0118	10,161.2350

Joshua Tree 304 - Mojave Desert 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	36.4968	0.7092	45.3452	0.0788		6.1026	6.1026		6.1026	6.1026	638.7498	271.2991	910.0489	0.5927	0.0502	939.8394
Energy	0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479
Mobile	0.5847	0.9303	5.6946	0.0137	1.6953	0.0116	1.7069	0.4520	0.0109	0.4629		1,393.2249	1,393.2249	0.0735	0.0722	1,416.5868
Total	37.1008	1.8038	51.1097	0.0935	1.6953	6.1275	7.8227	0.4520	6.1268	6.5787	638.7498	1,874.2257	2,512.9755	0.6703	0.1263	2,567.3741

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	36.4968	0.7092	45.3452	0.0788		6.1026	6.1026		6.1026	6.1026	638.7498	271.2991	910.0489	0.5927	0.0502	939.8394
Energy	0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479
Mobile	0.5847	0.9303	5.6946	0.0137	1.6953	0.0116	1.7069	0.4520	0.0109	0.4629		1,393.2249	1,393.2249	0.0735	0.0722	1,416.5868
Total	37.1008	1.8038	51.1097	0.0935	1.6953	6.1275	7.8227	0.4520	6.1268	6.5787	638.7498	1,874.2257	2,512.9755	0.6703	0.1263	2,567.3741

Joshua Tree 304 - Mojave Desert 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	1/1/2024	4/1/2024	5	66	
2	Grading	Grading	4/1/2024	7/12/2024	5	75	
3	Building Construction	Building Construction	7/15/2024	12/1/2028	5	1145	
4	Paving	Paving	9/30/2024	12/29/2028	5	1110	
5	Architectural Coating	Architectural Coating	9/30/2024	12/29/2028	5	1110	

Acres of Grading (Site Preparation Phase): 99

Acres of Grading (Grading Phase): 225

Acres of Paving: 0

Residential Indoor: 83,835; Residential Outdoor: 27,945; 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
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48

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

Trips and VMT

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	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	8.00	2.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Joshua Tree 304 - Mojave Desert 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 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.010 0	3,688.010 0	1.1928		3,717.829 4
Total	2.6609	27.1760	18.3356	0.0381	19.6570	1.2294	20.8864	10.1025	1.1310	11.2335		3,688.010 0	3,688.010 0	1.1928		3,717.829 4

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	0.0720	0.0465	0.5596	1.7900e-003	0.2299	1.0300e-003	0.2310	0.0610	9.5000e-004	0.0619		180.8858	180.8858	4.3000e-003	4.7200e-003	182.3993
Total	0.0720	0.0465	0.5596	1.7900e-003	0.2299	1.0300e-003	0.2310	0.0610	9.5000e-004	0.0619		180.8858	180.8858	4.3000e-003	4.7200e-003	182.3993

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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 - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6662	0.0000	7.6662	3.9400	0.0000	3.9400			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4
Total	2.6609	27.1760	18.3356	0.0381	7.6662	1.2294	8.8956	3.9400	1.1310	5.0710	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4

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	0.0720	0.0465	0.5596	1.7900e-003	0.2299	1.0300e-003	0.2310	0.0610	9.5000e-004	0.0619		180.8858	180.8858	4.3000e-003	4.7200e-003	182.3993
Total	0.0720	0.0465	0.5596	1.7900e-003	0.2299	1.0300e-003	0.2310	0.0610	9.5000e-004	0.0619		180.8858	180.8858	4.3000e-003	4.7200e-003	182.3993

Joshua Tree 304 - Mojave Desert 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 - 2024

Unmitigated Construction On-Site

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

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	0.0800	0.0517	0.6218	1.9900e-003	0.2555	1.1400e-003	0.2566	0.0678	1.0500e-003	0.0688		200.9842	200.9842	4.7800e-003	5.2400e-003	202.6658
Total	0.0800	0.0517	0.6218	1.9900e-003	0.2555	1.1400e-003	0.2566	0.0678	1.0500e-003	0.0688		200.9842	200.9842	4.7800e-003	5.2400e-003	202.6658

Joshua Tree 304 - Mojave Desert 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 - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.5894	0.0000	3.5894	1.4250	0.0000	1.4250			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	3.5894	1.3354	4.9248	1.4250	1.2286	2.6535	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

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	0.0800	0.0517	0.6218	1.9900e-003	0.2555	1.1400e-003	0.2566	0.0678	1.0500e-003	0.0688		200.9842	200.9842	4.7800e-003	5.2400e-003	202.6658
Total	0.0800	0.0517	0.6218	1.9900e-003	0.2555	1.1400e-003	0.2566	0.0678	1.0500e-003	0.0688		200.9842	200.9842	4.7800e-003	5.2400e-003	202.6658

Joshua Tree 304 - Mojave Desert 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	2.5300e-003	0.0714	0.0336	3.5000e-004	0.0123	5.9000e-004	0.0129	3.5300e-003	5.6000e-004	4.1000e-003		37.3352	37.3352	1.6000e-004	5.2100e-003	38.8921
Worker	0.0320	0.0207	0.2487	8.0000e-004	0.1022	4.6000e-004	0.1026	0.0271	4.2000e-004	0.0275		80.3937	80.3937	1.9100e-003	2.1000e-003	81.0663
Total	0.0345	0.0920	0.2823	1.1500e-003	0.1145	1.0500e-003	0.1155	0.0306	9.8000e-004	0.0316		117.7289	117.7289	2.0700e-003	7.3100e-003	119.9585

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

3.4 Building Construction - 2024

Mitigated Construction 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	2.5300e-003	0.0714	0.0336	3.5000e-004	0.0123	5.9000e-004	0.0129	3.5300e-003	5.6000e-004	4.1000e-003		37.3352	37.3352	1.6000e-004	5.2100e-003	38.8921
Worker	0.0320	0.0207	0.2487	8.0000e-004	0.1022	4.6000e-004	0.1026	0.0271	4.2000e-004	0.0275		80.3937	80.3937	1.9100e-003	2.1000e-003	81.0663
Total	0.0345	0.0920	0.2823	1.1500e-003	0.1145	1.0500e-003	0.1155	0.0306	9.8000e-004	0.0316		117.7289	117.7289	2.0700e-003	7.3100e-003	119.9585

Joshua Tree 304 - Mojave Desert 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	2.4800e-003	0.0707	0.0329	3.5000e-004	0.0123	5.9000e-004	0.0129	3.5300e-003	5.6000e-004	4.1000e-003		36.5731	36.5731	1.5000e-004	5.0900e-003	38.0941
Worker	0.0298	0.0184	0.2300	7.7000e-004	0.1022	4.3000e-004	0.1026	0.0271	4.0000e-004	0.0275		77.6593	77.6593	1.7200e-003	1.9500e-003	78.2826
Total	0.0323	0.0891	0.2629	1.1200e-003	0.1145	1.0200e-003	0.1155	0.0306	9.6000e-004	0.0316		114.2324	114.2324	1.8700e-003	7.0400e-003	116.3767

Joshua Tree 304 - Mojave Desert 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	2.4800e-003	0.0707	0.0329	3.5000e-004	0.0123	5.9000e-004	0.0129	3.5300e-003	5.6000e-004	4.1000e-003		36.5731	36.5731	1.5000e-004	5.0900e-003	38.0941
Worker	0.0298	0.0184	0.2300	7.7000e-004	0.1022	4.3000e-004	0.1026	0.0271	4.0000e-004	0.0275		77.6593	77.6593	1.7200e-003	1.9500e-003	78.2826
Total	0.0323	0.0891	0.2629	1.1200e-003	0.1145	1.0200e-003	0.1155	0.0306	9.6000e-004	0.0316		114.2324	114.2324	1.8700e-003	7.0400e-003	116.3767

Joshua Tree 304 - Mojave Desert 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	2.4300e-003	0.0701	0.0324	3.4000e-004	0.0123	5.8000e-004	0.0129	3.5300e-003	5.6000e-004	4.0900e-003		35.8119	35.8119	1.5000e-004	4.9700e-003	37.2977
Worker	0.0280	0.0165	0.2144	7.4000e-004	0.1022	4.1000e-004	0.1026	0.0271	3.8000e-004	0.0275		75.2194	75.2194	1.5600e-003	1.8200e-003	75.8018
Total	0.0304	0.0866	0.2468	1.0800e-003	0.1145	9.9000e-004	0.1155	0.0306	9.4000e-004	0.0316		111.0313	111.0313	1.7100e-003	6.7900e-003	113.0996

Joshua Tree 304 - Mojave Desert 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	2.4300e-003	0.0701	0.0324	3.4000e-004	0.0123	5.8000e-004	0.0129	3.5300e-003	5.6000e-004	4.0900e-003		35.8119	35.8119	1.5000e-004	4.9700e-003	37.2977
Worker	0.0280	0.0165	0.2144	7.4000e-004	0.1022	4.1000e-004	0.1026	0.0271	3.8000e-004	0.0275		75.2194	75.2194	1.5600e-003	1.8200e-003	75.8018
Total	0.0304	0.0866	0.2468	1.0800e-003	0.1145	9.9000e-004	0.1155	0.0306	9.4000e-004	0.0316		111.0313	111.0313	1.7100e-003	6.7900e-003	113.0996

Joshua Tree 304 - Mojave Desert 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	2.3900e-003	0.0694	0.0319	3.3000e-004	0.0123	5.8000e-004	0.0129	3.5300e-003	5.5000e-004	4.0900e-003		35.0164	35.0164	1.5000e-004	4.8500e-003	36.4665
Worker	0.0262	0.0149	0.2011	7.2000e-004	0.1022	3.9000e-004	0.1026	0.0271	3.6000e-004	0.0275		73.0149	73.0149	1.4200e-003	1.7200e-003	73.5628
Total	0.0286	0.0844	0.2330	1.0500e-003	0.1145	9.7000e-004	0.1154	0.0306	9.1000e-004	0.0315		108.0313	108.0313	1.5700e-003	6.5700e-003	110.0292

Joshua Tree 304 - Mojave Desert 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	2.3900e-003	0.0694	0.0319	3.3000e-004	0.0123	5.8000e-004	0.0129	3.5300e-003	5.5000e-004	4.0900e-003		35.0164	35.0164	1.5000e-004	4.8500e-003	36.4665
Worker	0.0262	0.0149	0.2011	7.2000e-004	0.1022	3.9000e-004	0.1026	0.0271	3.6000e-004	0.0275		73.0149	73.0149	1.4200e-003	1.7200e-003	73.5628
Total	0.0286	0.0844	0.2330	1.0500e-003	0.1145	9.7000e-004	0.1154	0.0306	9.1000e-004	0.0315		108.0313	108.0313	1.5700e-003	6.5700e-003	110.0292

Joshua Tree 304 - Mojave Desert 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 - 2028

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	2.3600e-003	0.0690	0.0316	3.3000e-004	0.0123	5.7000e-004	0.0128	3.5300e-003	5.5000e-004	4.0800e-003		34.2561	34.2561	1.4000e-004	4.7400e-003	35.6716
Worker	0.0246	0.0136	0.1899	7.0000e-004	0.1022	3.6000e-004	0.1025	0.0271	3.3000e-004	0.0274		71.0466	71.0466	1.2900e-003	1.6300e-003	71.5656
Total	0.0270	0.0826	0.2215	1.0300e-003	0.1145	9.3000e-004	0.1154	0.0306	8.8000e-004	0.0315		105.3027	105.3027	1.4300e-003	6.3700e-003	107.2372

Joshua Tree 304 - Mojave Desert 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 - 2028

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	2.3600e-003	0.0690	0.0316	3.3000e-004	0.0123	5.7000e-004	0.0128	3.5300e-003	5.5000e-004	4.0800e-003		34.2561	34.2561	1.4000e-004	4.7400e-003	35.6716
Worker	0.0246	0.0136	0.1899	7.0000e-004	0.1022	3.6000e-004	0.1025	0.0271	3.3000e-004	0.0274		71.0466	71.0466	1.2900e-003	1.6300e-003	71.5656
Total	0.0270	0.0826	0.2215	1.0300e-003	0.1145	9.3000e-004	0.1154	0.0306	8.8000e-004	0.0315		105.3027	105.3027	1.4300e-003	6.3700e-003	107.2372

Joshua Tree 304 - Mojave Desert 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 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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	0.0388	0.4663	1.4900e-003	0.1916	8.6000e-004	0.1925	0.0508	7.9000e-004	0.0516		150.7382	150.7382	3.5800e-003	3.9300e-003	151.9994
Total	0.0600	0.0388	0.4663	1.4900e-003	0.1916	8.6000e-004	0.1925	0.0508	7.9000e-004	0.0516		150.7382	150.7382	3.5800e-003	3.9300e-003	151.9994

Joshua Tree 304 - Mojave Desert 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 - 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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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	0.0388	0.4663	1.4900e-003	0.1916	8.6000e-004	0.1925	0.0508	7.9000e-004	0.0516		150.7382	150.7382	3.5800e-003	3.9300e-003	151.9994
Total	0.0600	0.0388	0.4663	1.4900e-003	0.1916	8.6000e-004	0.1925	0.0508	7.9000e-004	0.0516		150.7382	150.7382	3.5800e-003	3.9300e-003	151.9994

Joshua Tree 304 - Mojave Desert 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 - 2025

Unmitigated Construction On-Site

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

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	0.0559	0.0345	0.4313	1.4400e-003	0.1916	8.1000e-004	0.1924	0.0508	7.5000e-004	0.0516		145.6113	145.6113	3.2200e-003	3.6500e-003	146.7799
Total	0.0559	0.0345	0.4313	1.4400e-003	0.1916	8.1000e-004	0.1924	0.0508	7.5000e-004	0.0516		145.6113	145.6113	3.2200e-003	3.6500e-003	146.7799

Joshua Tree 304 - Mojave Desert 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 - 2025

Mitigated Construction On-Site

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

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	0.0559	0.0345	0.4313	1.4400e-003	0.1916	8.1000e-004	0.1924	0.0508	7.5000e-004	0.0516		145.6113	145.6113	3.2200e-003	3.6500e-003	146.7799
Total	0.0559	0.0345	0.4313	1.4400e-003	0.1916	8.1000e-004	0.1924	0.0508	7.5000e-004	0.0516		145.6113	145.6113	3.2200e-003	3.6500e-003	146.7799

Joshua Tree 304 - Mojave Desert 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 - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0524	0.0310	0.4021	1.4000e-003	0.1916	7.7000e-004	0.1924	0.0508	7.1000e-004	0.0515		141.0364	141.0364	2.9200e-003	3.4200e-003	142.1284
Total	0.0524	0.0310	0.4021	1.4000e-003	0.1916	7.7000e-004	0.1924	0.0508	7.1000e-004	0.0515		141.0364	141.0364	2.9200e-003	3.4200e-003	142.1284

Joshua Tree 304 - Mojave Desert 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 - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0524	0.0310	0.4021	1.4000e-003	0.1916	7.7000e-004	0.1924	0.0508	7.1000e-004	0.0515		141.0364	141.0364	2.9200e-003	3.4200e-003	142.1284
Total	0.0524	0.0310	0.4021	1.4000e-003	0.1916	7.7000e-004	0.1924	0.0508	7.1000e-004	0.0515		141.0364	141.0364	2.9200e-003	3.4200e-003	142.1284

Joshua Tree 304 - Mojave Desert 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 - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

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	0.0492	0.0280	0.3770	1.3500e-003	0.1916	7.2000e-004	0.1923	0.0508	6.7000e-004	0.0515		136.9029	136.9029	2.6500e-003	3.2200e-003	137.9302
Total	0.0492	0.0280	0.3770	1.3500e-003	0.1916	7.2000e-004	0.1923	0.0508	6.7000e-004	0.0515		136.9029	136.9029	2.6500e-003	3.2200e-003	137.9302

Joshua Tree 304 - Mojave Desert 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 - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0492	0.0280	0.3770	1.3500e-003	0.1916	7.2000e-004	0.1923	0.0508	6.7000e-004	0.0515		136.9029	136.9029	2.6500e-003	3.2200e-003	137.9302
Total	0.0492	0.0280	0.3770	1.3500e-003	0.1916	7.2000e-004	0.1923	0.0508	6.7000e-004	0.0515		136.9029	136.9029	2.6500e-003	3.2200e-003	137.9302

Joshua Tree 304 - Mojave Desert 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 - 2028

Unmitigated Construction On-Site

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

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	0.0461	0.0255	0.3561	1.3200e-003	0.1916	6.8000e-004	0.1923	0.0508	6.2000e-004	0.0514		133.2124	133.2124	2.4300e-003	3.0600e-003	134.1855
Total	0.0461	0.0255	0.3561	1.3200e-003	0.1916	6.8000e-004	0.1923	0.0508	6.2000e-004	0.0514		133.2124	133.2124	2.4300e-003	3.0600e-003	134.1855

Joshua Tree 304 - Mojave Desert 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 - 2028

Mitigated Construction On-Site

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

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	0.0461	0.0255	0.3561	1.3200e-003	0.1916	6.8000e-004	0.1923	0.0508	6.2000e-004	0.0514		133.2124	133.2124	2.4300e-003	3.0600e-003	134.1855
Total	0.0461	0.0255	0.3561	1.3200e-003	0.1916	6.8000e-004	0.1923	0.0508	6.2000e-004	0.0514		133.2124	133.2124	2.4300e-003	3.0600e-003	134.1855

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3477	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	8.0000e-003	5.1700e-003	0.0622	2.0000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.1000e-004	6.8800e-003		20.0984	20.0984	4.8000e-004	5.2000e-004	20.2666
Total	8.0000e-003	5.1700e-003	0.0622	2.0000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.1000e-004	6.8800e-003		20.0984	20.0984	4.8000e-004	5.2000e-004	20.2666

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3477	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	8.0000e-003	5.1700e-003	0.0622	2.0000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.1000e-004	6.8800e-003		20.0984	20.0984	4.8000e-004	5.2000e-004	20.2666
Total	8.0000e-003	5.1700e-003	0.0622	2.0000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.1000e-004	6.8800e-003		20.0984	20.0984	4.8000e-004	5.2000e-004	20.2666

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3378	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	7.4600e-003	4.6000e-003	0.0575	1.9000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.0000e-004	6.8700e-003		19.4148	19.4148	4.3000e-004	4.9000e-004	19.5707
Total	7.4600e-003	4.6000e-003	0.0575	1.9000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.0000e-004	6.8700e-003		19.4148	19.4148	4.3000e-004	4.9000e-004	19.5707

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3378	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	7.4600e-003	4.6000e-003	0.0575	1.9000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.0000e-004	6.8700e-003		19.4148	19.4148	4.3000e-004	4.9000e-004	19.5707
Total	7.4600e-003	4.6000e-003	0.0575	1.9000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.0000e-004	6.8700e-003		19.4148	19.4148	4.3000e-004	4.9000e-004	19.5707

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3378	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	6.9900e-003	4.1300e-003	0.0536	1.9000e-004	0.0256	1.0000e-004	0.0257	6.7700e-003	9.0000e-005	6.8700e-003		18.8049	18.8049	3.9000e-004	4.6000e-004	18.9505
Total	6.9900e-003	4.1300e-003	0.0536	1.9000e-004	0.0256	1.0000e-004	0.0257	6.7700e-003	9.0000e-005	6.8700e-003		18.8049	18.8049	3.9000e-004	4.6000e-004	18.9505

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3378	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	6.9900e-003	4.1300e-003	0.0536	1.9000e-004	0.0256	1.0000e-004	0.0257	6.7700e-003	9.0000e-005	6.8700e-003		18.8049	18.8049	3.9000e-004	4.6000e-004	18.9505
Total	6.9900e-003	4.1300e-003	0.0536	1.9000e-004	0.0256	1.0000e-004	0.0257	6.7700e-003	9.0000e-005	6.8700e-003		18.8049	18.8049	3.9000e-004	4.6000e-004	18.9505

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3378	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	6.5500e-003	3.7400e-003	0.0503	1.8000e-004	0.0256	1.0000e-004	0.0256	6.7700e-003	9.0000e-005	6.8600e-003		18.2537	18.2537	3.5000e-004	4.3000e-004	18.3907
Total	6.5500e-003	3.7400e-003	0.0503	1.8000e-004	0.0256	1.0000e-004	0.0256	6.7700e-003	9.0000e-005	6.8600e-003		18.2537	18.2537	3.5000e-004	4.3000e-004	18.3907

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3378	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	6.5500e-003	3.7400e-003	0.0503	1.8000e-004	0.0256	1.0000e-004	0.0256	6.7700e-003	9.0000e-005	6.8600e-003		18.2537	18.2537	3.5000e-004	4.3000e-004	18.3907
Total	6.5500e-003	3.7400e-003	0.0503	1.8000e-004	0.0256	1.0000e-004	0.0256	6.7700e-003	9.0000e-005	6.8600e-003		18.2537	18.2537	3.5000e-004	4.3000e-004	18.3907

Joshua Tree 304 - Mojave Desert 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 - 2028

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	1.1669					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	1.3378	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	6.1500e-003	3.4000e-003	0.0475	1.8000e-004	0.0256	9.0000e-005	0.0256	6.7700e-003	8.0000e-005	6.8600e-003		17.7617	17.7617	3.2000e-004	4.1000e-004	17.8914
Total	6.1500e-003	3.4000e-003	0.0475	1.8000e-004	0.0256	9.0000e-005	0.0256	6.7700e-003	8.0000e-005	6.8600e-003		17.7617	17.7617	3.2000e-004	4.1000e-004	17.8914

Joshua Tree 304 - Mojave Desert 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 - 2028

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	1.1669					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	1.3378	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	6.1500e-003	3.4000e-003	0.0475	1.8000e-004	0.0256	9.0000e-005	0.0256	6.7700e-003	8.0000e-005	6.8600e-003		17.7617	17.7617	3.2000e-004	4.1000e-004	17.8914
Total	6.1500e-003	3.4000e-003	0.0475	1.8000e-004	0.0256	9.0000e-005	0.0256	6.7700e-003	8.0000e-005	6.8600e-003		17.7617	17.7617	3.2000e-004	4.1000e-004	17.8914

Joshua Tree 304 - Mojave Desert 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	0.5847	0.9303	5.6946	0.0137	1.6953	0.0116	1.7069	0.4520	0.0109	0.4629		1,393.2249	1,393.2249	0.0735	0.0722	1,416.5868
Unmitigated	0.5847	0.9303	5.6946	0.0137	1.6953	0.0116	1.7069	0.4520	0.0109	0.4629		1,393.2249	1,393.2249	0.0735	0.0722	1,416.5868

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	217.12	219.42	196.65	785,025	785,025
Total	217.12	219.42	196.65	785,025	785,025

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
Single Family Housing	16.80	7.10	7.90	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
Single Family Housing	0.546667	0.057179	0.173462	0.125628	0.025645	0.007168	0.007793	0.023462	0.000521	0.000185	0.026780	0.001129	0.004382

Joshua Tree 304 - Mojave Desert 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	0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479
NaturalGas Unmitigated	0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479

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					
Single Family Housing	1782.46	0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479
Total		0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479

Joshua Tree 304 - Mojave Desert 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 - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	1.78246	0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479
Total		0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479

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	36.4968	0.7092	45.3452	0.0788		6.1026	6.1026		6.1026	6.1026	638.7498	271.2991	910.0489	0.5927	0.0502	939.8394
Unmitigated	36.4968	0.7092	45.3452	0.0788		6.1026	6.1026		6.1026	6.1026	638.7498	271.2991	910.0489	0.5927	0.0502	939.8394

Joshua Tree 304 - Mojave Desert 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	0.3549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8860					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	35.1991	0.6874	43.4495	0.0787		6.0920	6.0920		6.0920	6.0920	638.7498	267.8824	906.6322	0.5895	0.0502	936.3409
Landscaping	0.0569	0.0218	1.8957	1.0000e-004		0.0105	0.0105		0.0105	0.0105		3.4167	3.4167	3.2700e-003		3.4985
Total	36.4968	0.7092	45.3452	0.0788		6.1026	6.1026		6.1026	6.1026	638.7498	271.2991	910.0489	0.5927	0.0502	939.8394

Joshua Tree 304 - Mojave Desert 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	0.3549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8860					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	35.1991	0.6874	43.4495	0.0787		6.0920	6.0920		6.0920	6.0920	638.7498	267.8824	906.6322	0.5895	0.0502	936.3409
Landscaping	0.0569	0.0218	1.8957	1.0000e-004		0.0105	0.0105		0.0105	0.0105		3.4167	3.4167	3.2700e-003		3.4985
Total	36.4968	0.7092	45.3452	0.0788		6.1026	6.1026		6.1026	6.1026	638.7498	271.2991	910.0489	0.5927	0.0502	939.8394

7.0 Water Detail

7.1 Mitigation Measures Water

Joshua Tree 304 - Mojave Desert 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

Joshua Tree 304 - Mojave Desert Air Basin, Summer

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

Joshua Tree 304
Mojave Desert Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	23.00	Dwelling Unit	46.00	41,400.00	54

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	31
Climate Zone	10	Operational Year		2029	
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction for all 23 lots in the JT304 TTM. Assumes five year construction period, starting Jan 1 2024.

Land Use - Construction of 23 houses across 23 lots on 304 acre site. Assumes only 2 acres per lot will be disturbed for construction. Assumes population of 54 based on JT av. household size of 2.31.

Construction Phase - Assumes 5 year construction period. Assumes construction, paving, and architectural coating will occur concurrently.

Woodstoves - Assumes housing will have no woodstoves or fireplaces.

Construction Off-road Equipment Mitigation - Assumes standard dust control measures will be applied.

Grading -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	30.00	66.00
tblConstructionPhase	NumDays	740.00	1,145.00
tblConstructionPhase	NumDays	55.00	1,110.00
tblConstructionPhase	NumDays	55.00	1,110.00

Joshua Tree 304 - Mojave Desert Air Basin, Summer

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

tblConstructionPhase	PhaseEndDate	2/9/2024	4/1/2024
tblConstructionPhase	PhaseEndDate	5/24/2024	7/12/2024
tblConstructionPhase	PhaseEndDate	3/26/2027	12/1/2028
tblConstructionPhase	PhaseEndDate	6/11/2027	12/29/2028
tblConstructionPhase	PhaseEndDate	8/27/2027	12/29/2028
tblConstructionPhase	PhaseStartDate	2/10/2024	4/1/2024
tblConstructionPhase	PhaseStartDate	5/25/2024	7/15/2024
tblConstructionPhase	PhaseStartDate	3/27/2027	9/30/2024
tblConstructionPhase	PhaseStartDate	6/12/2027	9/30/2024
tblLandUse	LotAcreage	7.47	46.00
tblLandUse	Population	66.00	54.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

2.0 Emissions Summary

Joshua Tree 304 - Mojave Desert 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					
2024	6.0411	59.6481	47.5666	0.1044	29.3460	2.5669	31.9129	13.8849	2.3616	16.2465	0.0000	10,127.20 90	10,127.20 90	3.1457	0.0116	10,208.76 38
2025	3.7221	22.3190	33.4200	0.0558	0.3316	0.9995	1.3311	0.0882	0.9346	1.0228	0.0000	5,353.972 5	5,353.972 5	1.3356	0.0110	5,390.653 4
2026	3.7156	22.3127	33.3565	0.0557	0.3316	0.9995	1.3311	0.0882	0.9345	1.0228	0.0000	5,344.582 0	5,344.582 0	1.3351	0.0106	5,381.102 3
2027	3.7096	22.3074	33.3022	0.0556	0.3316	0.9994	1.3310	0.0882	0.9345	1.0227	0.0000	5,336.003 4	5,336.003 4	1.3346	0.0101	5,372.382 0
2028	3.7041	22.3029	33.2572	0.0555	0.3316	0.9993	1.3309	0.0882	0.9344	1.0226	0.0000	5,328.304 3	5,328.304 3	1.3342	9.7300e- 003	5,364.559 7
Maximum	6.0411	59.6481	47.5666	0.1044	29.3460	2.5669	31.9129	13.8849	2.3616	16.2465	0.0000	10,127.20 90	10,127.20 90	3.1457	0.0116	10,208.76 38

Joshua Tree 304 - Mojave Desert 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	36.4968	0.7092	45.3452	0.0788		6.1026	6.1026		6.1026	6.1026	638.7498	271.2991	910.0489	0.5927	0.0502	939.8394
Energy	0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479
Mobile	0.7000	0.8735	6.4702	0.0149	1.6953	0.0116	1.7069	0.4520	0.0109	0.4629		1,518.4288	1,518.4288	0.0720	0.0708	1,541.3219
Total	37.2160	1.7470	51.8853	0.0948	1.6953	6.1275	7.8227	0.4520	6.1268	6.5787	638.7498	1,999.4296	2,638.1794	0.6688	0.1249	2,692.1092

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	36.4968	0.7092	45.3452	0.0788		6.1026	6.1026		6.1026	6.1026	638.7498	271.2991	910.0489	0.5927	0.0502	939.8394
Energy	0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479
Mobile	0.7000	0.8735	6.4702	0.0149	1.6953	0.0116	1.7069	0.4520	0.0109	0.4629		1,518.4288	1,518.4288	0.0720	0.0708	1,541.3219
Total	37.2160	1.7470	51.8853	0.0948	1.6953	6.1275	7.8227	0.4520	6.1268	6.5787	638.7498	1,999.4296	2,638.1794	0.6688	0.1249	2,692.1092

Joshua Tree 304 - Mojave Desert 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	1/1/2024	4/1/2024	5	66	
2	Grading	Grading	4/1/2024	7/12/2024	5	75	
3	Building Construction	Building Construction	7/15/2024	12/1/2028	5	1145	
4	Paving	Paving	9/30/2024	12/29/2028	5	1110	
5	Architectural Coating	Architectural Coating	9/30/2024	12/29/2028	5	1110	

Acres of Grading (Site Preparation Phase): 99

Acres of Grading (Grading Phase): 225

Acres of Paving: 0

Residential Indoor: 83,835; Residential Outdoor: 27,945; 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
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48

Joshua Tree 304 - Mojave Desert Air Basin, Summer

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

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

Trips and VMT

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	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	8.00	2.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Joshua Tree 304 - Mojave Desert 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 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	2.6609	27.1760	18.3356	0.0381	19.6570	1.2294	20.8864	10.1025	1.1310	11.2335		3,688.0100	3,688.0100	1.1928		3,717.8294

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	0.0768	0.0450	0.7144	2.0100e-003	0.2299	1.0300e-003	0.2310	0.0610	9.5000e-004	0.0619		203.4239	203.4239	4.3600e-003	4.6300e-003	204.9129
Total	0.0768	0.0450	0.7144	2.0100e-003	0.2299	1.0300e-003	0.2310	0.0610	9.5000e-004	0.0619		203.4239	203.4239	4.3600e-003	4.6300e-003	204.9129

Joshua Tree 304 - Mojave Desert 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 - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6662	0.0000	7.6662	3.9400	0.0000	3.9400			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4
Total	2.6609	27.1760	18.3356	0.0381	7.6662	1.2294	8.8956	3.9400	1.1310	5.0710	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4

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	0.0768	0.0450	0.7144	2.0100e-003	0.2299	1.0300e-003	0.2310	0.0610	9.5000e-004	0.0619		203.4239	203.4239	4.3600e-003	4.6300e-003	204.9129
Total	0.0768	0.0450	0.7144	2.0100e-003	0.2299	1.0300e-003	0.2310	0.0610	9.5000e-004	0.0619		203.4239	203.4239	4.3600e-003	4.6300e-003	204.9129

Joshua Tree 304 - Mojave Desert 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 - 2024

Unmitigated Construction On-Site

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

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	0.0853	0.0501	0.7938	2.2400e-003	0.2555	1.1400e-003	0.2566	0.0678	1.0500e-003	0.0688		226.0265	226.0265	4.8500e-003	5.1500e-003	227.6810
Total	0.0853	0.0501	0.7938	2.2400e-003	0.2555	1.1400e-003	0.2566	0.0678	1.0500e-003	0.0688		226.0265	226.0265	4.8500e-003	5.1500e-003	227.6810

Joshua Tree 304 - Mojave Desert 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 - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.5894	0.0000	3.5894	1.4250	0.0000	1.4250			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	3.5894	1.3354	4.9248	1.4250	1.2286	2.6535	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

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	0.0853	0.0501	0.7938	2.2400e-003	0.2555	1.1400e-003	0.2566	0.0678	1.0500e-003	0.0688		226.0265	226.0265	4.8500e-003	5.1500e-003	227.6810
Total	0.0853	0.0501	0.7938	2.2400e-003	0.2555	1.1400e-003	0.2566	0.0678	1.0500e-003	0.0688		226.0265	226.0265	4.8500e-003	5.1500e-003	227.6810

Joshua Tree 304 - Mojave Desert 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	2.7400e-003	0.0671	0.0325	3.5000e-004	0.0123	5.9000e-004	0.0129	3.5300e-003	5.6000e-004	4.1000e-003		37.2195	37.2195	1.7000e-004	5.1900e-003	38.7698
Worker	0.0341	0.0200	0.3175	8.9000e-004	0.1022	4.6000e-004	0.1026	0.0271	4.2000e-004	0.0275		90.4106	90.4106	1.9400e-003	2.0600e-003	91.0724
Total	0.0369	0.0871	0.3500	1.2400e-003	0.1145	1.0500e-003	0.1155	0.0306	9.8000e-004	0.0316		127.6301	127.6301	2.1100e-003	7.2500e-003	129.8422

Joshua Tree 304 - Mojave Desert 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	2.7400e-003	0.0671	0.0325	3.5000e-004	0.0123	5.9000e-004	0.0129	3.5300e-003	5.6000e-004	4.1000e-003		37.2195	37.2195	1.7000e-004	5.1900e-003	38.7698
Worker	0.0341	0.0200	0.3175	8.9000e-004	0.1022	4.6000e-004	0.1026	0.0271	4.2000e-004	0.0275		90.4106	90.4106	1.9400e-003	2.0600e-003	91.0724
Total	0.0369	0.0871	0.3500	1.2400e-003	0.1145	1.0500e-003	0.1155	0.0306	9.8000e-004	0.0316		127.6301	127.6301	2.1100e-003	7.2500e-003	129.8422

Joshua Tree 304 - Mojave Desert 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	2.6900e-003	0.0665	0.0318	3.5000e-004	0.0123	5.9000e-004	0.0129	3.5300e-003	5.6000e-004	4.0900e-003		36.4591	36.4591	1.6000e-004	5.0700e-003	37.9737
Worker	0.0317	0.0178	0.2933	8.6000e-004	0.1022	4.3000e-004	0.1026	0.0271	4.0000e-004	0.0275		87.3107	87.3107	1.7400e-003	1.9100e-003	87.9238
Total	0.0344	0.0843	0.3250	1.2100e-003	0.1145	1.0200e-003	0.1155	0.0306	9.6000e-004	0.0316		123.7697	123.7697	1.9000e-003	6.9800e-003	125.8975

Joshua Tree 304 - Mojave Desert 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	2.6900e-003	0.0665	0.0318	3.5000e-004	0.0123	5.9000e-004	0.0129	3.5300e-003	5.6000e-004	4.0900e-003		36.4591	36.4591	1.6000e-004	5.0700e-003	37.9737
Worker	0.0317	0.0178	0.2933	8.6000e-004	0.1022	4.3000e-004	0.1026	0.0271	4.0000e-004	0.0275		87.3107	87.3107	1.7400e-003	1.9100e-003	87.9238
Total	0.0344	0.0843	0.3250	1.2100e-003	0.1145	1.0200e-003	0.1155	0.0306	9.6000e-004	0.0316		123.7697	123.7697	1.9000e-003	6.9800e-003	125.8975

Joshua Tree 304 - Mojave Desert 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	2.6400e-003	0.0659	0.0312	3.4000e-004	0.0123	5.8000e-004	0.0129	3.5300e-003	5.5000e-004	4.0900e-003		35.6998	35.6998	1.6000e-004	4.9500e-003	37.1793
Worker	0.0297	0.0160	0.2731	8.4000e-004	0.1022	4.1000e-004	0.1026	0.0271	3.8000e-004	0.0275		84.5487	84.5487	1.5700e-003	1.7900e-003	85.1217
Total	0.0323	0.0819	0.3043	1.1800e-003	0.1145	9.9000e-004	0.1155	0.0306	9.3000e-004	0.0316		120.2485	120.2485	1.7300e-003	6.7400e-003	122.3010

Joshua Tree 304 - Mojave Desert 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	2.6400e-003	0.0659	0.0312	3.4000e-004	0.0123	5.8000e-004	0.0129	3.5300e-003	5.5000e-004	4.0900e-003		35.6998	35.6998	1.6000e-004	4.9500e-003	37.1793
Worker	0.0297	0.0160	0.2731	8.4000e-004	0.1022	4.1000e-004	0.1026	0.0271	3.8000e-004	0.0275		84.5487	84.5487	1.5700e-003	1.7900e-003	85.1217
Total	0.0323	0.0819	0.3043	1.1800e-003	0.1145	9.9000e-004	0.1155	0.0306	9.3000e-004	0.0316		120.2485	120.2485	1.7300e-003	6.7400e-003	122.3010

Joshua Tree 304 - Mojave Desert 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	2.6000e-003	0.0653	0.0308	3.3000e-004	0.0123	5.8000e-004	0.0128	3.5300e-003	5.5000e-004	4.0800e-003		34.9062	34.9062	1.5000e-004	4.8300e-003	36.3501
Worker	0.0277	0.0145	0.2559	8.1000e-004	0.1022	3.9000e-004	0.1026	0.0271	3.6000e-004	0.0275		82.0575	82.0575	1.4200e-003	1.6900e-003	82.5965
Total	0.0303	0.0798	0.2867	1.1400e-003	0.1145	9.7000e-004	0.1154	0.0306	9.1000e-004	0.0315		116.9637	116.9637	1.5700e-003	6.5200e-003	118.9466

Joshua Tree 304 - Mojave Desert 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	2.6000e-003	0.0653	0.0308	3.3000e-004	0.0123	5.8000e-004	0.0128	3.5300e-003	5.5000e-004	4.0800e-003		34.9062	34.9062	1.5000e-004	4.8300e-003	36.3501
Worker	0.0277	0.0145	0.2559	8.1000e-004	0.1022	3.9000e-004	0.1026	0.0271	3.6000e-004	0.0275		82.0575	82.0575	1.4200e-003	1.6900e-003	82.5965
Total	0.0303	0.0798	0.2867	1.1400e-003	0.1145	9.7000e-004	0.1154	0.0306	9.1000e-004	0.0315		116.9637	116.9637	1.5700e-003	6.5200e-003	118.9466

Joshua Tree 304 - Mojave Desert 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 - 2028

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	2.5600e-003	0.0648	0.0304	3.2000e-004	0.0123	5.7000e-004	0.0128	3.5300e-003	5.5000e-004	4.0800e-003		34.1478	34.1478	1.5000e-004	4.7200e-003	35.5574
Worker	0.0260	0.0132	0.2416	7.9000e-004	0.1022	3.6000e-004	0.1025	0.0271	3.3000e-004	0.0274		79.8365	79.8365	1.3000e-003	1.6000e-003	80.3471
Total	0.0286	0.0780	0.2720	1.1100e-003	0.1145	9.3000e-004	0.1154	0.0306	8.8000e-004	0.0315		113.9843	113.9843	1.4500e-003	6.3200e-003	115.9045

Joshua Tree 304 - Mojave Desert 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 - 2028

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	2.5600e-003	0.0648	0.0304	3.2000e-004	0.0123	5.7000e-004	0.0128	3.5300e-003	5.5000e-004	4.0800e-003		34.1478	34.1478	1.5000e-004	4.7200e-003	35.5574
Worker	0.0260	0.0132	0.2416	7.9000e-004	0.1022	3.6000e-004	0.1025	0.0271	3.3000e-004	0.0274		79.8365	79.8365	1.3000e-003	1.6000e-003	80.3471
Total	0.0286	0.0780	0.2720	1.1100e-003	0.1145	9.3000e-004	0.1154	0.0306	8.8000e-004	0.0315		113.9843	113.9843	1.4500e-003	6.3200e-003	115.9045

Joshua Tree 304 - Mojave Desert 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 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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	0.0640	0.0375	0.5953	1.6800e-003	0.1916	8.6000e-004	0.1925	0.0508	7.9000e-004	0.0516		169.5199	169.5199	3.6400e-003	3.8600e-003	170.7608
Total	0.0640	0.0375	0.5953	1.6800e-003	0.1916	8.6000e-004	0.1925	0.0508	7.9000e-004	0.0516		169.5199	169.5199	3.6400e-003	3.8600e-003	170.7608

Joshua Tree 304 - Mojave Desert 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 - 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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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	0.0640	0.0375	0.5953	1.6800e-003	0.1916	8.6000e-004	0.1925	0.0508	7.9000e-004	0.0516		169.5199	169.5199	3.6400e-003	3.8600e-003	170.7608
Total	0.0640	0.0375	0.5953	1.6800e-003	0.1916	8.6000e-004	0.1925	0.0508	7.9000e-004	0.0516		169.5199	169.5199	3.6400e-003	3.8600e-003	170.7608

Joshua Tree 304 - Mojave Desert 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 - 2025

Unmitigated Construction On-Site

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

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	0.0595	0.0334	0.5499	1.6200e-003	0.1916	8.1000e-004	0.1924	0.0508	7.5000e-004	0.0516		163.7075	163.7075	3.2600e-003	3.5800e-003	164.8572
Total	0.0595	0.0334	0.5499	1.6200e-003	0.1916	8.1000e-004	0.1924	0.0508	7.5000e-004	0.0516		163.7075	163.7075	3.2600e-003	3.5800e-003	164.8572

Joshua Tree 304 - Mojave Desert 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 - 2025

Mitigated Construction On-Site

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

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	0.0595	0.0334	0.5499	1.6200e-003	0.1916	8.1000e-004	0.1924	0.0508	7.5000e-004	0.0516		163.7075	163.7075	3.2600e-003	3.5800e-003	164.8572
Total	0.0595	0.0334	0.5499	1.6200e-003	0.1916	8.1000e-004	0.1924	0.0508	7.5000e-004	0.0516		163.7075	163.7075	3.2600e-003	3.5800e-003	164.8572

Joshua Tree 304 - Mojave Desert 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 - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

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	0.0556	0.0300	0.5121	1.5700e-003	0.1916	7.7000e-004	0.1924	0.0508	7.1000e-004	0.0515		158.5288	158.5288	2.9400e-003	3.3600e-003	159.6032
Total	0.0556	0.0300	0.5121	1.5700e-003	0.1916	7.7000e-004	0.1924	0.0508	7.1000e-004	0.0515		158.5288	158.5288	2.9400e-003	3.3600e-003	159.6032

Joshua Tree 304 - Mojave Desert 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 - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0556	0.0300	0.5121	1.5700e-003	0.1916	7.7000e-004	0.1924	0.0508	7.1000e-004	0.0515		158.5288	158.5288	2.9400e-003	3.3600e-003	159.6032
Total	0.0556	0.0300	0.5121	1.5700e-003	0.1916	7.7000e-004	0.1924	0.0508	7.1000e-004	0.0515		158.5288	158.5288	2.9400e-003	3.3600e-003	159.6032

Joshua Tree 304 - Mojave Desert 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 - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0520	0.0272	0.4798	1.5200e-003	0.1916	7.2000e-004	0.1923	0.0508	6.7000e-004	0.0515		153.8578	153.8578	2.6700e-003	3.1700e-003	154.8685
Total	0.0520	0.0272	0.4798	1.5200e-003	0.1916	7.2000e-004	0.1923	0.0508	6.7000e-004	0.0515		153.8578	153.8578	2.6700e-003	3.1700e-003	154.8685

Joshua Tree 304 - Mojave Desert 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 - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0520	0.0272	0.4798	1.5200e-003	0.1916	7.2000e-004	0.1923	0.0508	6.7000e-004	0.0515		153.8578	153.8578	2.6700e-003	3.1700e-003	154.8685
Total	0.0520	0.0272	0.4798	1.5200e-003	0.1916	7.2000e-004	0.1923	0.0508	6.7000e-004	0.0515		153.8578	153.8578	2.6700e-003	3.1700e-003	154.8685

Joshua Tree 304 - Mojave Desert 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 - 2028

Unmitigated Construction On-Site

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

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	0.0487	0.0247	0.4530	1.4800e-003	0.1916	6.8000e-004	0.1923	0.0508	6.2000e-004	0.0514		149.6933	149.6933	2.4400e-003	3.0100e-003	150.6507
Total	0.0487	0.0247	0.4530	1.4800e-003	0.1916	6.8000e-004	0.1923	0.0508	6.2000e-004	0.0514		149.6933	149.6933	2.4400e-003	3.0100e-003	150.6507

Joshua Tree 304 - Mojave Desert 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 - 2028

Mitigated Construction On-Site

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

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	0.0487	0.0247	0.4530	1.4800e-003	0.1916	6.8000e-004	0.1923	0.0508	6.2000e-004	0.0514		149.6933	149.6933	2.4400e-003	3.0100e-003	150.6507
Total	0.0487	0.0247	0.4530	1.4800e-003	0.1916	6.8000e-004	0.1923	0.0508	6.2000e-004	0.0514		149.6933	149.6933	2.4400e-003	3.0100e-003	150.6507

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3477	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	8.5300e-003	5.0000e-003	0.0794	2.2000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.1000e-004	6.8800e-003		22.6027	22.6027	4.8000e-004	5.1000e-004	22.7681
Total	8.5300e-003	5.0000e-003	0.0794	2.2000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.1000e-004	6.8800e-003		22.6027	22.6027	4.8000e-004	5.1000e-004	22.7681

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3477	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	8.5300e-003	5.0000e-003	0.0794	2.2000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.1000e-004	6.8800e-003		22.6027	22.6027	4.8000e-004	5.1000e-004	22.7681
Total	8.5300e-003	5.0000e-003	0.0794	2.2000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.1000e-004	6.8800e-003		22.6027	22.6027	4.8000e-004	5.1000e-004	22.7681

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3378	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	7.9300e-003	4.4500e-003	0.0733	2.2000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.0000e-004	6.8700e-003		21.8277	21.8277	4.3000e-004	4.8000e-004	21.9810
Total	7.9300e-003	4.4500e-003	0.0733	2.2000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.0000e-004	6.8700e-003		21.8277	21.8277	4.3000e-004	4.8000e-004	21.9810

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3378	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	7.9300e-003	4.4500e-003	0.0733	2.2000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.0000e-004	6.8700e-003		21.8277	21.8277	4.3000e-004	4.8000e-004	21.9810
Total	7.9300e-003	4.4500e-003	0.0733	2.2000e-004	0.0256	1.1000e-004	0.0257	6.7700e-003	1.0000e-004	6.8700e-003		21.8277	21.8277	4.3000e-004	4.8000e-004	21.9810

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3378	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	7.4100e-003	4.0000e-003	0.0683	2.1000e-004	0.0256	1.0000e-004	0.0257	6.7700e-003	9.0000e-005	6.8700e-003		21.1372	21.1372	3.9000e-004	4.5000e-004	21.2804
Total	7.4100e-003	4.0000e-003	0.0683	2.1000e-004	0.0256	1.0000e-004	0.0257	6.7700e-003	9.0000e-005	6.8700e-003		21.1372	21.1372	3.9000e-004	4.5000e-004	21.2804

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3378	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	7.4100e-003	4.0000e-003	0.0683	2.1000e-004	0.0256	1.0000e-004	0.0257	6.7700e-003	9.0000e-005	6.8700e-003		21.1372	21.1372	3.9000e-004	4.5000e-004	21.2804
Total	7.4100e-003	4.0000e-003	0.0683	2.1000e-004	0.0256	1.0000e-004	0.0257	6.7700e-003	9.0000e-005	6.8700e-003		21.1372	21.1372	3.9000e-004	4.5000e-004	21.2804

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3378	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	6.9400e-003	3.6200e-003	0.0640	2.0000e-004	0.0256	1.0000e-004	0.0256	6.7700e-003	9.0000e-005	6.8600e-003		20.5144	20.5144	3.6000e-004	4.2000e-004	20.6491
Total	6.9400e-003	3.6200e-003	0.0640	2.0000e-004	0.0256	1.0000e-004	0.0256	6.7700e-003	9.0000e-005	6.8600e-003		20.5144	20.5144	3.6000e-004	4.2000e-004	20.6491

Joshua Tree 304 - Mojave Desert 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	1.1669					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	1.3378	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	6.9400e-003	3.6200e-003	0.0640	2.0000e-004	0.0256	1.0000e-004	0.0256	6.7700e-003	9.0000e-005	6.8600e-003		20.5144	20.5144	3.6000e-004	4.2000e-004	20.6491
Total	6.9400e-003	3.6200e-003	0.0640	2.0000e-004	0.0256	1.0000e-004	0.0256	6.7700e-003	9.0000e-005	6.8600e-003		20.5144	20.5144	3.6000e-004	4.2000e-004	20.6491

Joshua Tree 304 - Mojave Desert 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 - 2028

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	1.1669					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	1.3378	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	6.5000e-003	3.3000e-003	0.0604	2.0000e-004	0.0256	9.0000e-005	0.0256	6.7700e-003	8.0000e-005	6.8600e-003		19.9591	19.9591	3.2000e-004	4.0000e-004	20.0868
Total	6.5000e-003	3.3000e-003	0.0604	2.0000e-004	0.0256	9.0000e-005	0.0256	6.7700e-003	8.0000e-005	6.8600e-003		19.9591	19.9591	3.2000e-004	4.0000e-004	20.0868

Joshua Tree 304 - Mojave Desert 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 - 2028

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	1.1669					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	1.3378	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	6.5000e-003	3.3000e-003	0.0604	2.0000e-004	0.0256	9.0000e-005	0.0256	6.7700e-003	8.0000e-005	6.8600e-003		19.9591	19.9591	3.2000e-004	4.0000e-004	20.0868
Total	6.5000e-003	3.3000e-003	0.0604	2.0000e-004	0.0256	9.0000e-005	0.0256	6.7700e-003	8.0000e-005	6.8600e-003		19.9591	19.9591	3.2000e-004	4.0000e-004	20.0868

Joshua Tree 304 - Mojave Desert 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	0.7000	0.8735	6.4702	0.0149	1.6953	0.0116	1.7069	0.4520	0.0109	0.4629		1,518,428 ₈	1,518,428 ₈	0.0720	0.0708	1,541.321 ₉
Unmitigated	0.7000	0.8735	6.4702	0.0149	1.6953	0.0116	1.7069	0.4520	0.0109	0.4629		1,518,428 ₈	1,518,428 ₈	0.0720	0.0708	1,541.321 ₉

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	217.12	219.42	196.65	785,025	785,025
Total	217.12	219.42	196.65	785,025	785,025

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
Single Family Housing	16.80	7.10	7.90	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
Single Family Housing	0.546667	0.057179	0.173462	0.125628	0.025645	0.007168	0.007793	0.023462	0.000521	0.000185	0.026780	0.001129	0.004382

Joshua Tree 304 - Mojave Desert 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	0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479
NaturalGas Unmitigated	0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479

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					
Single Family Housing	1782.46	0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479
Total		0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479

Joshua Tree 304 - Mojave Desert 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 - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	1.78246	0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479
Total		0.0192	0.1643	0.0699	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.7017	209.7017	4.0200e-003	3.8400e-003	210.9479

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	36.4968	0.7092	45.3452	0.0788		6.1026	6.1026		6.1026	6.1026	638.7498	271.2991	910.0489	0.5927	0.0502	939.8394
Unmitigated	36.4968	0.7092	45.3452	0.0788		6.1026	6.1026		6.1026	6.1026	638.7498	271.2991	910.0489	0.5927	0.0502	939.8394

Joshua Tree 304 - Mojave Desert 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	0.3549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8860					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	35.1991	0.6874	43.4495	0.0787		6.0920	6.0920		6.0920	6.0920	638.7498	267.8824	906.6322	0.5895	0.0502	936.3409
Landscaping	0.0569	0.0218	1.8957	1.0000e-004		0.0105	0.0105		0.0105	0.0105		3.4167	3.4167	3.2700e-003		3.4985
Total	36.4968	0.7092	45.3452	0.0788		6.1026	6.1026		6.1026	6.1026	638.7498	271.2991	910.0489	0.5927	0.0502	939.8394

Joshua Tree 304 - Mojave Desert 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	0.3549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8860					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	35.1991	0.6874	43.4495	0.0787		6.0920	6.0920		6.0920	6.0920	638.7498	267.8824	906.6322	0.5895	0.0502	936.3409
Landscaping	0.0569	0.0218	1.8957	1.0000e-004		0.0105	0.0105		0.0105	0.0105		3.4167	3.4167	3.2700e-003		3.4985
Total	36.4968	0.7092	45.3452	0.0788		6.1026	6.1026		6.1026	6.1026	638.7498	271.2991	910.0489	0.5927	0.0502	939.8394

7.0 Water Detail

7.1 Mitigation Measures Water

Joshua Tree 304 - Mojave Desert 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

Joshua Tree 304 - Mojave Desert Air Basin, Annual

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

Joshua Tree 304
Mojave Desert Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	23.00	Dwelling Unit	46.00	41,400.00	54

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	31
Climate Zone	10			Operational Year	2029
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction for all 23 lots in the JT304 TTM. Assumes five year construction period, starting Jan 1 2024.

Land Use - Construction of 23 houses across 23 lots on 304 acre site. Assumes only 2 acres per lot will be disturbed for construction. Assumes population of 54 based on JT av. household size of 2.31.

Construction Phase - Assumes 5 year construction period. Assumes construction, paving, and architectural coating will occur concurrently.

Woodstoves - Assumes housing will have no woodstoves or fireplaces.

Construction Off-road Equipment Mitigation - Assumes standard dust control measures will be applied.

Grading -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	30.00	66.00
tblConstructionPhase	NumDays	740.00	1,145.00
tblConstructionPhase	NumDays	55.00	1,110.00
tblConstructionPhase	NumDays	55.00	1,110.00

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

tblConstructionPhase	PhaseEndDate	2/9/2024	4/1/2024
tblConstructionPhase	PhaseEndDate	5/24/2024	7/12/2024
tblConstructionPhase	PhaseEndDate	3/26/2027	12/1/2028
tblConstructionPhase	PhaseEndDate	6/11/2027	12/29/2028
tblConstructionPhase	PhaseEndDate	8/27/2027	12/29/2028
tblConstructionPhase	PhaseStartDate	2/10/2024	4/1/2024
tblConstructionPhase	PhaseStartDate	5/25/2024	7/15/2024
tblConstructionPhase	PhaseStartDate	3/27/2027	9/30/2024
tblConstructionPhase	PhaseStartDate	6/12/2027	9/30/2024
tblLandUse	LotAcreage	7.47	46.00
tblLandUse	Population	66.00	54.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

2.0 Emissions Summary

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

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.3855	3.3018	3.2636	6.3600e-003	1.0247	0.1460	1.1706	0.4786	0.1352	0.6138	0.0000	556.4976	556.4976	0.1580	8.8000e-004	560.7110
2025	0.4840	2.9138	4.3424	7.2500e-003	0.0425	0.1304	0.1729	0.0113	0.1220	0.1333	0.0000	631.0843	631.0843	0.1581	1.3500e-003	635.4409
2026	0.4833	2.9129	4.3355	7.2400e-003	0.0425	0.1304	0.1729	0.0113	0.1220	0.1333	0.0000	630.0647	630.0647	0.1581	1.2900e-003	634.4014
2027	0.4826	2.9121	4.3296	7.2300e-003	0.0425	0.1304	0.1729	0.0113	0.1220	0.1333	0.0000	629.1311	629.1311	0.1580	1.2400e-003	633.4502
2028	0.4662	2.7748	4.1450	6.9100e-003	0.0412	0.1246	0.1658	0.0110	0.1165	0.1275	0.0000	601.7200	601.7200	0.1519	1.1300e-003	605.8534
Maximum	0.4840	3.3018	4.3424	7.2500e-003	1.0247	0.1460	1.1706	0.4786	0.1352	0.6138	0.0000	631.0843	631.0843	0.1581	1.3500e-003	635.4409

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

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.3855	3.3018	3.2636	6.3600e-003	0.4184	0.1460	0.5644	0.1917	0.1352	0.3269	0.0000	556.4969	556.4969	0.1580	8.8000e-004	560.7104
2025	0.4840	2.9138	4.3424	7.2500e-003	0.0425	0.1304	0.1729	0.0113	0.1220	0.1333	0.0000	631.0836	631.0836	0.1581	1.3500e-003	635.4402
2026	0.4833	2.9129	4.3355	7.2400e-003	0.0425	0.1304	0.1729	0.0113	0.1220	0.1333	0.0000	630.0640	630.0640	0.1581	1.2900e-003	634.4007
2027	0.4826	2.9121	4.3296	7.2300e-003	0.0425	0.1304	0.1729	0.0113	0.1220	0.1333	0.0000	629.1304	629.1304	0.1580	1.2400e-003	633.4495
2028	0.4662	2.7748	4.1450	6.9100e-003	0.0412	0.1246	0.1658	0.0110	0.1165	0.1275	0.0000	601.7193	601.7193	0.1519	1.1300e-003	605.8527
Maximum	0.4840	3.3018	4.3424	7.2500e-003	0.4184	0.1460	0.5644	0.1917	0.1352	0.3269	0.0000	631.0836	631.0836	0.1581	1.3500e-003	635.4402

	ROG	NOx	CO	SO2	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	50.80	0.00	32.68	54.81	0.00	25.15	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	1-1-2024	3-31-2024	0.9736	0.9736
2	4-1-2024	6-30-2024	1.1719	1.1719
3	7-1-2024	9-30-2024	0.5768	0.5768
4	10-1-2024	12-31-2024	0.9277	0.9277
5	1-1-2025	3-31-2025	0.8370	0.8370
6	4-1-2025	6-30-2025	0.8463	0.8463
7	7-1-2025	9-30-2025	0.8556	0.8556

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8	10-1-2025	12-31-2025	0.8556	0.8556
9	1-1-2026	3-31-2026	0.8366	0.8366
10	4-1-2026	6-30-2026	0.8459	0.8459
11	7-1-2026	9-30-2026	0.8552	0.8552
12	10-1-2026	12-31-2026	0.8552	0.8552
13	1-1-2027	3-31-2027	0.8363	0.8363
14	4-1-2027	6-30-2027	0.8456	0.8456
15	7-1-2027	9-30-2027	0.8548	0.8548
16	10-1-2027	12-31-2027	0.8549	0.8549
17	1-1-2028	3-31-2028	0.8453	0.8453
18	4-1-2028	6-30-2028	0.8452	0.8452
19	7-1-2028	9-30-2028	0.8545	0.8545
		Highest	1.1719	1.1719

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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	1.6747	0.0302	1.9520	3.2400e-003		0.2507	0.2507		0.2507	0.2507	23.7580	10.2427	34.0008	0.0222	1.8700e-003	35.1124
Energy	3.5100e-003	0.0300	0.0128	1.9000e-004		2.4200e-003	2.4200e-003		2.4200e-003	2.4200e-003	0.0000	67.2059	67.2059	3.4100e-003	9.7000e-004	67.5798
Mobile	0.1039	0.1685	1.0710	2.4800e-003	0.2961	2.0700e-003	0.2982	0.0791	1.9400e-003	0.0810	0.0000	229.1897	229.1897	0.0121	0.0118	233.0207
Waste						0.0000	0.0000		0.0000	0.0000	4.4942	0.0000	4.4942	0.2656	0.0000	11.1342
Water						0.0000	0.0000		0.0000	0.0000	0.4754	5.3219	5.7973	0.0493	1.2100e-003	7.3891
Total	1.7822	0.2286	3.0358	5.9100e-003	0.2961	0.2552	0.5514	0.0791	0.2551	0.3342	28.7277	311.9602	340.6878	0.3526	0.0159	354.2363

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.6747	0.0302	1.9520	3.2400e-003		0.2507	0.2507		0.2507	0.2507	23.7580	10.2427	34.0008	0.0222	1.8700e-003	35.1124
Energy	3.5100e-003	0.0300	0.0128	1.9000e-004		2.4200e-003	2.4200e-003		2.4200e-003	2.4200e-003	0.0000	67.2059	67.2059	3.4100e-003	9.7000e-004	67.5798
Mobile	0.1039	0.1685	1.0710	2.4800e-003	0.2961	2.0700e-003	0.2982	0.0791	1.9400e-003	0.0810	0.0000	229.1897	229.1897	0.0121	0.0118	233.0207
Waste						0.0000	0.0000		0.0000	0.0000	4.4942	0.0000	4.4942	0.2656	0.0000	11.1342
Water						0.0000	0.0000		0.0000	0.0000	0.4754	5.3219	5.7973	0.0493	1.2100e-003	7.3891
Total	1.7822	0.2286	3.0358	5.9100e-003	0.2961	0.2552	0.5514	0.0791	0.2551	0.3342	28.7277	311.9602	340.6878	0.3526	0.0159	354.2363

	ROG	NOx	CO	SO2	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	1/1/2024	4/1/2024	5	66	
2	Grading	Grading	4/1/2024	7/12/2024	5	75	
3	Building Construction	Building Construction	7/15/2024	12/1/2028	5	1145	

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4	Paving	Paving	9/30/2024	12/29/2028	5	1110
5	Architectural Coating	Architectural Coating	9/30/2024	12/29/2028	5	1110

Acres of Grading (Site Preparation Phase): 99

Acres of Grading (Grading Phase): 225

Acres of Paving: 0

Residential Indoor: 83,835; Residential Outdoor: 27,945; 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
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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

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	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	8.00	2.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6487	0.0000	0.6487	0.3334	0.0000	0.3334	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0878	0.8968	0.6051	1.2600e-003		0.0406	0.0406		0.0373	0.0373	0.0000	110.4083	110.4083	0.0357	0.0000	111.3010
Total	0.0878	0.8968	0.6051	1.2600e-003	0.6487	0.0406	0.6893	0.3334	0.0373	0.3707	0.0000	110.4083	110.4083	0.0357	0.0000	111.3010

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3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1900e-003	1.6400e-003	0.0198	6.0000e-005	7.4500e-003	3.0000e-005	7.4800e-003	1.9800e-003	3.0000e-005	2.0100e-003	0.0000	5.5674	5.5674	1.3000e-004	1.5000e-004	5.6146
Total	2.1900e-003	1.6400e-003	0.0198	6.0000e-005	7.4500e-003	3.0000e-005	7.4800e-003	1.9800e-003	3.0000e-005	2.0100e-003	0.0000	5.5674	5.5674	1.3000e-004	1.5000e-004	5.6146

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					0.2530	0.0000	0.2530	0.1300	0.0000	0.1300	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0878	0.8968	0.6051	1.2600e-003		0.0406	0.0406		0.0373	0.0373	0.0000	110.4082	110.4082	0.0357	0.0000	111.3009
Total	0.0878	0.8968	0.6051	1.2600e-003	0.2530	0.0406	0.2936	0.1300	0.0373	0.1673	0.0000	110.4082	110.4082	0.0357	0.0000	111.3009

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3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1900e-003	1.6400e-003	0.0198	6.0000e-005	7.4500e-003	3.0000e-005	7.4800e-003	1.9800e-003	3.0000e-005	2.0100e-003	0.0000	5.5674	5.5674	1.3000e-004	1.5000e-004	5.6146
Total	2.1900e-003	1.6400e-003	0.0198	6.0000e-005	7.4500e-003	3.0000e-005	7.4800e-003	1.9800e-003	3.0000e-005	2.0100e-003	0.0000	5.5674	5.5674	1.3000e-004	1.5000e-004	5.6146

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3451	0.0000	0.3451	0.1370	0.0000	0.1370	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1207	1.2141	1.0396	2.3300e-003		0.0501	0.0501		0.0461	0.0461	0.0000	204.4482	204.4482	0.0661	0.0000	206.1013
Total	0.1207	1.2141	1.0396	2.3300e-003	0.3451	0.0501	0.3952	0.1370	0.0461	0.1831	0.0000	204.4482	204.4482	0.0661	0.0000	206.1013

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3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7700e-003	2.0600e-003	0.0250	8.0000e-005	9.4000e-003	4.0000e-005	9.4500e-003	2.5000e-003	4.0000e-005	2.5400e-003	0.0000	7.0295	7.0295	1.7000e-004	1.9000e-004	7.0892
Total	2.7700e-003	2.0600e-003	0.0250	8.0000e-005	9.4000e-003	4.0000e-005	9.4500e-003	2.5000e-003	4.0000e-005	2.5400e-003	0.0000	7.0295	7.0295	1.7000e-004	1.9000e-004	7.0892

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					0.1346	0.0000	0.1346	0.0534	0.0000	0.0534	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1207	1.2141	1.0396	2.3300e-003		0.0501	0.0501		0.0461	0.0461	0.0000	204.4480	204.4480	0.0661	0.0000	206.1010
Total	0.1207	1.2141	1.0396	2.3300e-003	0.1346	0.0501	0.1847	0.0534	0.0461	0.0995	0.0000	204.4480	204.4480	0.0661	0.0000	206.1010

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

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7700e-003	2.0600e-003	0.0250	8.0000e-005	9.4000e-003	4.0000e-005	9.4500e-003	2.5000e-003	4.0000e-005	2.5400e-003	0.0000	7.0295	7.0295	1.7000e-004	1.9000e-004	7.0892
Total	2.7700e-003	2.0600e-003	0.0250	8.0000e-005	9.4000e-003	4.0000e-005	9.4500e-003	2.5000e-003	4.0000e-005	2.5400e-003	0.0000	7.0295	7.0295	1.7000e-004	1.9000e-004	7.0892

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	0.0898	0.8201	0.9862	1.6400e-003		0.0374	0.0374		0.0352	0.0352	0.0000	141.4280	141.4280	0.0334	0.0000	142.2641
Total	0.0898	0.8201	0.9862	1.6400e-003		0.0374	0.0374		0.0352	0.0352	0.0000	141.4280	141.4280	0.0334	0.0000	142.2641

Joshua Tree 304 - Mojave Desert 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	1.6000e-004	4.3100e-003	2.0200e-003	2.0000e-005	7.4000e-004	4.0000e-005	7.7000e-004	2.1000e-004	3.0000e-005	2.5000e-004	0.0000	2.0624	2.0624	1.0000e-005	2.9000e-004	2.1484
Worker	1.8000e-003	1.3400e-003	0.0163	5.0000e-005	6.1200e-003	3.0000e-005	6.1500e-003	1.6200e-003	3.0000e-005	1.6500e-003	0.0000	4.5739	4.5739	1.1000e-004	1.2000e-004	4.6127
Total	1.9600e-003	5.6500e-003	0.0183	7.0000e-005	6.8600e-003	7.0000e-005	6.9200e-003	1.8300e-003	6.0000e-005	1.9000e-003	0.0000	6.6362	6.6362	1.2000e-004	4.1000e-004	6.7611

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	0.0898	0.8201	0.9862	1.6400e-003		0.0374	0.0374		0.0352	0.0352	0.0000	141.4278	141.4278	0.0334	0.0000	142.2639
Total	0.0898	0.8201	0.9862	1.6400e-003		0.0374	0.0374		0.0352	0.0352	0.0000	141.4278	141.4278	0.0334	0.0000	142.2639

Joshua Tree 304 - Mojave Desert 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	1.6000e-004	4.3100e-003	2.0200e-003	2.0000e-005	7.4000e-004	4.0000e-005	7.7000e-004	2.1000e-004	3.0000e-005	2.5000e-004	0.0000	2.0624	2.0624	1.0000e-005	2.9000e-004	2.1484
Worker	1.8000e-003	1.3400e-003	0.0163	5.0000e-005	6.1200e-003	3.0000e-005	6.1500e-003	1.6200e-003	3.0000e-005	1.6500e-003	0.0000	4.5739	4.5739	1.1000e-004	1.2000e-004	4.6127
Total	1.9600e-003	5.6500e-003	0.0183	7.0000e-005	6.8600e-003	7.0000e-005	6.9200e-003	1.8300e-003	6.0000e-005	1.9000e-003	0.0000	6.6362	6.6362	1.2000e-004	4.1000e-004	6.7611

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

Joshua Tree 304 - Mojave Desert 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	3.4000e-004	9.1500e-003	4.2200e-003	5.0000e-005	1.5800e-003	8.0000e-005	1.6500e-003	4.6000e-004	7.0000e-005	5.3000e-004	0.0000	4.3220	4.3220	2.0000e-005	6.0000e-004	4.5018
Worker	3.5800e-003	2.5600e-003	0.0322	1.0000e-004	0.0131	6.0000e-005	0.0132	3.4800e-003	5.0000e-005	3.5300e-003	0.0000	9.4516	9.4516	2.1000e-004	2.4000e-004	9.5285
Total	3.9200e-003	0.0117	0.0364	1.5000e-004	0.0147	1.4000e-004	0.0148	3.9400e-003	1.2000e-004	4.0600e-003	0.0000	13.7736	13.7736	2.3000e-004	8.4000e-004	14.0303

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

Joshua Tree 304 - Mojave Desert 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	3.4000e-004	9.1500e-003	4.2200e-003	5.0000e-005	1.5800e-003	8.0000e-005	1.6500e-003	4.6000e-004	7.0000e-005	5.3000e-004	0.0000	4.3220	4.3220	2.0000e-005	6.0000e-004	4.5018
Worker	3.5800e-003	2.5600e-003	0.0322	1.0000e-004	0.0131	6.0000e-005	0.0132	3.4800e-003	5.0000e-005	3.5300e-003	0.0000	9.4516	9.4516	2.1000e-004	2.4000e-004	9.5285
Total	3.9200e-003	0.0117	0.0364	1.5000e-004	0.0147	1.4000e-004	0.0148	3.9400e-003	1.2000e-004	4.0600e-003	0.0000	13.7736	13.7736	2.3000e-004	8.4000e-004	14.0303

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

Joshua Tree 304 - Mojave Desert 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	3.3000e-004	9.0600e-003	4.1500e-003	4.0000e-005	1.5800e-003	8.0000e-005	1.6500e-003	4.6000e-004	7.0000e-005	5.3000e-004	0.0000	4.2320	4.2320	2.0000e-005	5.9000e-004	4.4076
Worker	3.3500e-003	2.3000e-003	0.0300	1.0000e-004	0.0131	5.0000e-005	0.0131	3.4800e-003	5.0000e-005	3.5300e-003	0.0000	9.1541	9.1541	1.9000e-004	2.3000e-004	9.2260
Total	3.6800e-003	0.0114	0.0342	1.4000e-004	0.0147	1.3000e-004	0.0148	3.9400e-003	1.2000e-004	4.0600e-003	0.0000	13.3861	13.3861	2.1000e-004	8.2000e-004	13.6336

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

Joshua Tree 304 - Mojave Desert 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	3.3000e-004	9.0600e-003	4.1500e-003	4.0000e-005	1.5800e-003	8.0000e-005	1.6500e-003	4.6000e-004	7.0000e-005	5.3000e-004	0.0000	4.2320	4.2320	2.0000e-005	5.9000e-004	4.4076
Worker	3.3500e-003	2.3000e-003	0.0300	1.0000e-004	0.0131	5.0000e-005	0.0131	3.4800e-003	5.0000e-005	3.5300e-003	0.0000	9.1541	9.1541	1.9000e-004	2.3000e-004	9.2260
Total	3.6800e-003	0.0114	0.0342	1.4000e-004	0.0147	1.3000e-004	0.0148	3.9400e-003	1.2000e-004	4.0600e-003	0.0000	13.3861	13.3861	2.1000e-004	8.2000e-004	13.6336

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	0.1785	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

Joshua Tree 304 - Mojave Desert 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	3.3000e-004	8.9700e-003	4.0900e-003	4.0000e-005	1.5800e-003	8.0000e-005	1.6500e-003	4.6000e-004	7.0000e-005	5.3000e-004	0.0000	4.1380	4.1380	2.0000e-005	5.7000e-004	4.3093
Worker	3.1400e-003	2.0700e-003	0.0282	1.0000e-004	0.0131	5.0000e-005	0.0131	3.4800e-003	5.0000e-005	3.5200e-003	0.0000	8.8854	8.8854	1.7000e-004	2.1000e-004	8.9531
Total	3.4700e-003	0.0110	0.0322	1.4000e-004	0.0147	1.3000e-004	0.0148	3.9400e-003	1.2000e-004	4.0500e-003	0.0000	13.0234	13.0234	1.9000e-004	7.8000e-004	13.2624

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

Joshua Tree 304 - Mojave Desert 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	3.3000e-004	8.9700e-003	4.0900e-003	4.0000e-005	1.5800e-003	8.0000e-005	1.6500e-003	4.6000e-004	7.0000e-005	5.3000e-004	0.0000	4.1380	4.1380	2.0000e-005	5.7000e-004	4.3093
Worker	3.1400e-003	2.0700e-003	0.0282	1.0000e-004	0.0131	5.0000e-005	0.0131	3.4800e-003	5.0000e-005	3.5200e-003	0.0000	8.8854	8.8854	1.7000e-004	2.1000e-004	8.9531
Total	3.4700e-003	0.0110	0.0322	1.4000e-004	0.0147	1.3000e-004	0.0148	3.9400e-003	1.2000e-004	4.0500e-003	0.0000	13.0234	13.0234	1.9000e-004	7.8000e-004	13.2624

3.4 Building Construction - 2028

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	0.1641	1.4964	1.9302	3.2400e-003		0.0633	0.0633		0.0596	0.0596	0.0000	278.3033	278.3033	0.0654	0.0000	279.9389
Total	0.1641	1.4964	1.9302	3.2400e-003		0.0633	0.0633		0.0596	0.0596	0.0000	278.3033	278.3033	0.0654	0.0000	279.9389

Joshua Tree 304 - Mojave Desert 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 - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-004	8.1900e-003	3.7200e-003	4.0000e-005	1.4500e-003	7.0000e-005	1.5200e-003	4.2000e-004	7.0000e-005	4.8000e-004	0.0000	3.7224	3.7224	2.0000e-005	5.1000e-004	3.8762
Worker	2.7100e-003	1.7400e-003	0.0245	9.0000e-005	0.0120	4.0000e-005	0.0121	3.2000e-003	4.0000e-005	3.2400e-003	0.0000	7.9500	7.9500	1.4000e-004	1.9000e-004	8.0089
Total	3.0100e-003	9.9300e-003	0.0282	1.3000e-004	0.0135	1.1000e-004	0.0136	3.6200e-003	1.1000e-004	3.7200e-003	0.0000	11.6724	11.6724	1.6000e-004	7.0000e-004	11.8851

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	0.1641	1.4964	1.9302	3.2400e-003		0.0633	0.0633		0.0596	0.0596	0.0000	278.3030	278.3030	0.0654	0.0000	279.9385
Total	0.1641	1.4964	1.9302	3.2400e-003		0.0633	0.0633		0.0596	0.0596	0.0000	278.3030	278.3030	0.0654	0.0000	279.9385

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

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-004	8.1900e-003	3.7200e-003	4.0000e-005	1.4500e-003	7.0000e-005	1.5200e-003	4.2000e-004	7.0000e-005	4.8000e-004	0.0000	3.7224	3.7224	2.0000e-005	5.1000e-004	3.8762
Worker	2.7100e-003	1.7400e-003	0.0245	9.0000e-005	0.0120	4.0000e-005	0.0121	3.2000e-003	4.0000e-005	3.2400e-003	0.0000	7.9500	7.9500	1.4000e-004	1.9000e-004	8.0089
Total	3.0100e-003	9.9300e-003	0.0282	1.3000e-004	0.0135	1.1000e-004	0.0136	3.6200e-003	1.1000e-004	3.7200e-003	0.0000	11.6724	11.6724	1.6000e-004	7.0000e-004	11.8851

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0331	0.3191	0.4900	7.6000e-004		0.0157	0.0157		0.0144	0.0144	0.0000	67.0889	67.0889	0.0217	0.0000	67.6313
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0331	0.3191	0.4900	7.6000e-004		0.0157	0.0157		0.0144	0.0144	0.0000	67.0889	67.0889	0.0217	0.0000	67.6313

Joshua Tree 304 - Mojave Desert 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 - 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	1.8500e-003	1.3800e-003	0.0168	5.0000e-005	6.3000e-003	3.0000e-005	6.3300e-003	1.6700e-003	3.0000e-005	1.7000e-003	0.0000	4.7098	4.7098	1.1000e-004	1.2000e-004	4.7498
Total	1.8500e-003	1.3800e-003	0.0168	5.0000e-005	6.3000e-003	3.0000e-005	6.3300e-003	1.6700e-003	3.0000e-005	1.7000e-003	0.0000	4.7098	4.7098	1.1000e-004	1.2000e-004	4.7498

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	0.0331	0.3191	0.4900	7.6000e-004		0.0157	0.0157		0.0144	0.0144	0.0000	67.0888	67.0888	0.0217	0.0000	67.6313
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0331	0.3191	0.4900	7.6000e-004		0.0157	0.0157		0.0144	0.0144	0.0000	67.0888	67.0888	0.0217	0.0000	67.6313

Joshua Tree 304 - Mojave Desert 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 - 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	1.8500e-003	1.3800e-003	0.0168	5.0000e-005	6.3000e-003	3.0000e-005	6.3300e-003	1.6700e-003	3.0000e-005	1.7000e-003	0.0000	4.7098	4.7098	1.1000e-004	1.2000e-004	4.7498
Total	1.8500e-003	1.3800e-003	0.0168	5.0000e-005	6.3000e-003	3.0000e-005	6.3300e-003	1.6700e-003	3.0000e-005	1.7000e-003	0.0000	4.7098	4.7098	1.1000e-004	1.2000e-004	4.7498

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636

Joshua Tree 304 - Mojave Desert 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 - 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	6.7200e-003	4.7900e-003	0.0604	1.9000e-004	0.0245	1.1000e-004	0.0247	6.5200e-003	1.0000e-004	6.6200e-003	0.0000	17.7217	17.7217	3.9000e-004	4.5000e-004	17.8660
Total	6.7200e-003	4.7900e-003	0.0604	1.9000e-004	0.0245	1.1000e-004	0.0247	6.5200e-003	1.0000e-004	6.6200e-003	0.0000	17.7217	17.7217	3.9000e-004	4.5000e-004	17.8660

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	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633

Joshua Tree 304 - Mojave Desert 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 - 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	6.7200e-003	4.7900e-003	0.0604	1.9000e-004	0.0245	1.1000e-004	0.0247	6.5200e-003	1.0000e-004	6.6200e-003	0.0000	17.7217	17.7217	3.9000e-004	4.5000e-004	17.8660
Total	6.7200e-003	4.7900e-003	0.0604	1.9000e-004	0.0245	1.1000e-004	0.0247	6.5200e-003	1.0000e-004	6.6200e-003	0.0000	17.7217	17.7217	3.9000e-004	4.5000e-004	17.8660

3.5 Paving - 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	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636

Joshua Tree 304 - Mojave Desert 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 - 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	6.2900e-003	4.3000e-003	0.0563	1.9000e-004	0.0245	1.0000e-004	0.0246	6.5200e-003	9.0000e-005	6.6100e-003	0.0000	17.1639	17.1639	3.5000e-004	4.2000e-004	17.2987
Total	6.2900e-003	4.3000e-003	0.0563	1.9000e-004	0.0245	1.0000e-004	0.0246	6.5200e-003	9.0000e-005	6.6100e-003	0.0000	17.1639	17.1639	3.5000e-004	4.2000e-004	17.2987

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	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633

Joshua Tree 304 - Mojave Desert 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 - 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	6.2900e-003	4.3000e-003	0.0563	1.9000e-004	0.0245	1.0000e-004	0.0246	6.5200e-003	9.0000e-005	6.6100e-003	0.0000	17.1639	17.1639	3.5000e-004	4.2000e-004	17.2987
Total	6.2900e-003	4.3000e-003	0.0563	1.9000e-004	0.0245	1.0000e-004	0.0246	6.5200e-003	9.0000e-005	6.6100e-003	0.0000	17.1639	17.1639	3.5000e-004	4.2000e-004	17.2987

3.5 Paving - 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	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636

Joshua Tree 304 - Mojave Desert 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 - 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	5.8900e-003	3.8900e-003	0.0528	1.8000e-004	0.0245	9.0000e-005	0.0246	6.5200e-003	9.0000e-005	6.6000e-003	0.0000	16.6602	16.6602	3.2000e-004	4.0000e-004	16.7870
Total	5.8900e-003	3.8900e-003	0.0528	1.8000e-004	0.0245	9.0000e-005	0.0246	6.5200e-003	9.0000e-005	6.6000e-003	0.0000	16.6602	16.6602	3.2000e-004	4.0000e-004	16.7870

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	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633

Joshua Tree 304 - Mojave Desert 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 - 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	5.8900e-003	3.8900e-003	0.0528	1.8000e-004	0.0245	9.0000e-005	0.0246	6.5200e-003	9.0000e-005	6.6000e-003	0.0000	16.6602	16.6602	3.2000e-004	4.0000e-004	16.7870
Total	5.8900e-003	3.8900e-003	0.0528	1.8000e-004	0.0245	9.0000e-005	0.0246	6.5200e-003	9.0000e-005	6.6000e-003	0.0000	16.6602	16.6602	3.2000e-004	4.0000e-004	16.7870

3.5 Paving - 2028

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	0.1190	1.1156	1.8951	2.9600e-003		0.0544	0.0544		0.0501	0.0501	0.0000	260.2503	260.2503	0.0842	0.0000	262.3546
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1190	1.1156	1.8951	2.9600e-003		0.0544	0.0544		0.0501	0.0501	0.0000	260.2503	260.2503	0.0842	0.0000	262.3546

Joshua Tree 304 - Mojave Desert 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 - 2028

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	5.5000e-003	3.5300e-003	0.0497	1.8000e-004	0.0245	9.0000e-005	0.0245	6.4900e-003	8.0000e-005	6.5700e-003	0.0000	16.1485	16.1485	2.9000e-004	3.8000e-004	16.2681
Total	5.5000e-003	3.5300e-003	0.0497	1.8000e-004	0.0245	9.0000e-005	0.0245	6.4900e-003	8.0000e-005	6.5700e-003	0.0000	16.1485	16.1485	2.9000e-004	3.8000e-004	16.2681

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	0.1190	1.1156	1.8951	2.9600e-003		0.0544	0.0544		0.0501	0.0501	0.0000	260.2500	260.2500	0.0842	0.0000	262.3543
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1190	1.1156	1.8951	2.9600e-003		0.0544	0.0544		0.0501	0.0501	0.0000	260.2500	260.2500	0.0842	0.0000	262.3543

Joshua Tree 304 - Mojave Desert 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 - 2028

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	5.5000e-003	3.5300e-003	0.0497	1.8000e-004	0.0245	9.0000e-005	0.0245	6.4900e-003	8.0000e-005	6.5700e-003	0.0000	16.1485	16.1485	2.9000e-004	3.8000e-004	16.2681
Total	5.5000e-003	3.5300e-003	0.0497	1.8000e-004	0.0245	9.0000e-005	0.0245	6.4900e-003	8.0000e-005	6.5700e-003	0.0000	16.1485	16.1485	2.9000e-004	3.8000e-004	16.2681

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	0.0391					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0600e-003	0.0408	0.0606	1.0000e-004		2.0400e-003	2.0400e-003		2.0400e-003	2.0400e-003	0.0000	8.5534	8.5534	4.8000e-004	0.0000	8.5654
Total	0.0452	0.0408	0.0606	1.0000e-004		2.0400e-003	2.0400e-003		2.0400e-003	2.0400e-003	0.0000	8.5534	8.5534	4.8000e-004	0.0000	8.5654

Joshua Tree 304 - Mojave Desert 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	2.5000e-004	1.8000e-004	2.2300e-003	1.0000e-005	8.4000e-004	0.0000	8.4000e-004	2.2000e-004	0.0000	2.3000e-004	0.0000	0.6280	0.6280	1.0000e-005	2.0000e-005	0.6333
Total	2.5000e-004	1.8000e-004	2.2300e-003	1.0000e-005	8.4000e-004	0.0000	8.4000e-004	2.2000e-004	0.0000	2.3000e-004	0.0000	0.6280	0.6280	1.0000e-005	2.0000e-005	0.6333

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	0.0391					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0600e-003	0.0408	0.0606	1.0000e-004		2.0400e-003	2.0400e-003		2.0400e-003	2.0400e-003	0.0000	8.5534	8.5534	4.8000e-004	0.0000	8.5654
Total	0.0452	0.0408	0.0606	1.0000e-004		2.0400e-003	2.0400e-003		2.0400e-003	2.0400e-003	0.0000	8.5534	8.5534	4.8000e-004	0.0000	8.5654

Joshua Tree 304 - Mojave Desert 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	2.5000e-004	1.8000e-004	2.2300e-003	1.0000e-005	8.4000e-004	0.0000	8.4000e-004	2.2000e-004	0.0000	2.3000e-004	0.0000	0.6280	0.6280	1.0000e-005	2.0000e-005	0.6333
Total	2.5000e-004	1.8000e-004	2.2300e-003	1.0000e-005	8.4000e-004	0.0000	8.4000e-004	2.2000e-004	0.0000	2.3000e-004	0.0000	0.6280	0.6280	1.0000e-005	2.0000e-005	0.6333

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1523					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	0.1746	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

Joshua Tree 304 - Mojave Desert 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	9.0000e-004	6.4000e-004	8.0500e-003	3.0000e-005	3.2700e-003	1.0000e-005	3.2900e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.3629	2.3629	5.0000e-005	6.0000e-005	2.3821
Total	9.0000e-004	6.4000e-004	8.0500e-003	3.0000e-005	3.2700e-003	1.0000e-005	3.2900e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.3629	2.3629	5.0000e-005	6.0000e-005	2.3821

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	0.1523					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	0.1746	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

Joshua Tree 304 - Mojave Desert 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	9.0000e-004	6.4000e-004	8.0500e-003	3.0000e-005	3.2700e-003	1.0000e-005	3.2900e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.3629	2.3629	5.0000e-005	6.0000e-005	2.3821
Total	9.0000e-004	6.4000e-004	8.0500e-003	3.0000e-005	3.2700e-003	1.0000e-005	3.2900e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.3629	2.3629	5.0000e-005	6.0000e-005	2.3821

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	0.1523					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	0.1746	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

Joshua Tree 304 - Mojave Desert 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	8.4000e-004	5.7000e-004	7.5100e-003	2.0000e-005	3.2700e-003	1.0000e-005	3.2900e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.2885	2.2885	5.0000e-005	6.0000e-005	2.3065
Total	8.4000e-004	5.7000e-004	7.5100e-003	2.0000e-005	3.2700e-003	1.0000e-005	3.2900e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.2885	2.2885	5.0000e-005	6.0000e-005	2.3065

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	0.1523					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	0.1746	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

Joshua Tree 304 - Mojave Desert 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	8.4000e-004	5.7000e-004	7.5100e-003	2.0000e-005	3.2700e-003	1.0000e-005	3.2900e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.2885	2.2885	5.0000e-005	6.0000e-005	2.3065
Total	8.4000e-004	5.7000e-004	7.5100e-003	2.0000e-005	3.2700e-003	1.0000e-005	3.2900e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.2885	2.2885	5.0000e-005	6.0000e-005	2.3065

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	0.1523					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	0.1746	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

Joshua Tree 304 - Mojave Desert 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	7.9000e-004	5.2000e-004	7.0400e-003	2.0000e-005	3.2700e-003	1.0000e-005	3.2800e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.2214	2.2214	4.0000e-005	5.0000e-005	2.2383
Total	7.9000e-004	5.2000e-004	7.0400e-003	2.0000e-005	3.2700e-003	1.0000e-005	3.2800e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.2214	2.2214	4.0000e-005	5.0000e-005	2.2383

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	0.1523					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	0.1746	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

Joshua Tree 304 - Mojave Desert 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	7.9000e-004	5.2000e-004	7.0400e-003	2.0000e-005	3.2700e-003	1.0000e-005	3.2800e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.2214	2.2214	4.0000e-005	5.0000e-005	2.2383
Total	7.9000e-004	5.2000e-004	7.0400e-003	2.0000e-005	3.2700e-003	1.0000e-005	3.2800e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.2214	2.2214	4.0000e-005	5.0000e-005	2.2383

3.6 Architectural Coating - 2028

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	0.1517					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2376
Total	0.1739	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2376

Joshua Tree 304 - Mojave Desert 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 - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3000e-004	4.7000e-004	6.6200e-003	2.0000e-005	3.2600e-003	1.0000e-005	3.2700e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.1531	2.1531	4.0000e-005	5.0000e-005	2.1691
Total	7.3000e-004	4.7000e-004	6.6200e-003	2.0000e-005	3.2600e-003	1.0000e-005	3.2700e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.1531	2.1531	4.0000e-005	5.0000e-005	2.1691

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	0.1517					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2375
Total	0.1739	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2375

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

3.6 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3000e-004	4.7000e-004	6.6200e-003	2.0000e-005	3.2600e-003	1.0000e-005	3.2700e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.1531	2.1531	4.0000e-005	5.0000e-005	2.1691
Total	7.3000e-004	4.7000e-004	6.6200e-003	2.0000e-005	3.2600e-003	1.0000e-005	3.2700e-003	8.7000e-004	1.0000e-005	8.8000e-004	0.0000	2.1531	2.1531	4.0000e-005	5.0000e-005	2.1691

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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	0.1039	0.1685	1.0710	2.4800e-003	0.2961	2.0700e-003	0.2982	0.0791	1.9400e-003	0.0810	0.0000	229.1897	229.1897	0.0121	0.0118	233.0207
Unmitigated	0.1039	0.1685	1.0710	2.4800e-003	0.2961	2.0700e-003	0.2982	0.0791	1.9400e-003	0.0810	0.0000	229.1897	229.1897	0.0121	0.0118	233.0207

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	217.12	219.42	196.65	785,025	785,025
Total	217.12	219.42	196.65	785,025	785,025

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
Single Family Housing	16.80	7.10	7.90	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
Single Family Housing	0.546667	0.057179	0.173462	0.125628	0.025645	0.007168	0.007793	0.023462	0.000521	0.000185	0.026780	0.001129	0.004382

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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	32.4874	32.4874	2.7400e-003	3.3000e-004	32.6550
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	32.4874	32.4874	2.7400e-003	3.3000e-004	32.6550
NaturalGas Mitigated	3.5100e-003	0.0300	0.0128	1.9000e-004		2.4200e-003	2.4200e-003		2.4200e-003	2.4200e-003	0.0000	34.7185	34.7185	6.7000e-004	6.4000e-004	34.9248
NaturalGas Unmitigated	3.5100e-003	0.0300	0.0128	1.9000e-004		2.4200e-003	2.4200e-003		2.4200e-003	2.4200e-003	0.0000	34.7185	34.7185	6.7000e-004	6.4000e-004	34.9248

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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					
Single Family Housing	650600	3.5100e-003	0.0300	0.0128	1.9000e-004		2.4200e-003	2.4200e-003		2.4200e-003	2.4200e-003	0.0000	34.7185	34.7185	6.7000e-004	6.4000e-004	34.9248
Total		3.5100e-003	0.0300	0.0128	1.9000e-004		2.4200e-003	2.4200e-003		2.4200e-003	2.4200e-003	0.0000	34.7185	34.7185	6.7000e-004	6.4000e-004	34.9248

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					
Single Family Housing	650600	3.5100e-003	0.0300	0.0128	1.9000e-004		2.4200e-003	2.4200e-003		2.4200e-003	2.4200e-003	0.0000	34.7185	34.7185	6.7000e-004	6.4000e-004	34.9248
Total		3.5100e-003	0.0300	0.0128	1.9000e-004		2.4200e-003	2.4200e-003		2.4200e-003	2.4200e-003	0.0000	34.7185	34.7185	6.7000e-004	6.4000e-004	34.9248

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	183187	32.4874	2.7400e-003	3.3000e-004	32.6550
Total		32.4874	2.7400e-003	3.3000e-004	32.6550

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	183187	32.4874	2.7400e-003	3.3000e-004	32.6550
Total		32.4874	2.7400e-003	3.3000e-004	32.6550

6.0 Area Detail

6.1 Mitigation Measures Area

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.6747	0.0302	1.9520	3.2400e-003		0.2507	0.2507		0.2507	0.2507	23.7580	10.2427	34.0008	0.0222	1.8700e-003	35.1124
Unmitigated	1.6747	0.0302	1.9520	3.2400e-003		0.2507	0.2507		0.2507	0.2507	23.7580	10.2427	34.0008	0.0222	1.8700e-003	35.1124

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	0.0648					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1617					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.4432	0.0282	1.7814	3.2300e-003		0.2498	0.2498		0.2498	0.2498	23.7580	9.9638	33.7218	0.0219	1.8700e-003	34.8268
Landscaping	5.1200e-003	1.9700e-003	0.1706	1.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	0.2790	0.2790	2.7000e-004	0.0000	0.2856
Total	1.6747	0.0302	1.9521	3.2400e-003		0.2507	0.2507		0.2507	0.2507	23.7580	10.2427	34.0008	0.0222	1.8700e-003	35.1124

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0648					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1617					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.4432	0.0282	1.7814	3.2300e-003		0.2498	0.2498		0.2498	0.2498	23.7580	9.9638	33.7218	0.0219	1.8700e-003	34.8268
Landscaping	5.1200e-003	1.9700e-003	0.1706	1.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	0.2790	0.2790	2.7000e-004	0.0000	0.2856
Total	1.6747	0.0302	1.9521	3.2400e-003		0.2507	0.2507		0.2507	0.2507	23.7580	10.2427	34.0008	0.0222	1.8700e-003	35.1124

7.0 Water Detail

7.1 Mitigation Measures Water

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	5.7973	0.0493	1.2100e-003	7.3891
Unmitigated	5.7973	0.0493	1.2100e-003	7.3891

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	1.49854 / 0.944733	5.7973	0.0493	1.2100e-003	7.3891
Total		5.7973	0.0493	1.2100e-003	7.3891

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

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	1.49854 / 0.944733	5.7973	0.0493	1.2100e-003	7.3891
Total		5.7973	0.0493	1.2100e-003	7.3891

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	4.4942	0.2656	0.0000	11.1342
Unmitigated	4.4942	0.2656	0.0000	11.1342

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	22.14	4.4942	0.2656	0.0000	11.1342
Total		4.4942	0.2656	0.0000	11.1342

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	22.14	4.4942	0.2656	0.0000	11.1342
Total		4.4942	0.2656	0.0000	11.1342

9.0 Operational Offroad

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

10.0 Stationary Equipment

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
