

Appendix B. California Emissions Estimator Model Outputs

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Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

**Victorville GPU - Existing Operation
Mojave Desert Air Basin, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	15,333.12	1000sqft	352.00	15,333,120.00	0
Library	2,184.00	1000sqft	50.00	2,184,000.00	0
General Heavy Industry	4,966.00	1000sqft	114.00	4,966,000.00	0
General Light Industry	49.90	1000sqft	1.15	49,900.00	0
City Park	3,413.00	Acre	3,413.00	191,000.00	0
Apartments Mid Rise	4,806.00	Dwelling Unit	126.47	491,000.00	13745
Single Family Housing	36,526.00	Dwelling Unit	5,000.00	2,970,000.00	104464
Strip Mall	17,734.00	1000sqft	407.12	17,734,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	31
Climate Zone	10			Operational Year	2026
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 -
- Land Use - Land use assumptions from Dima and CityPlace
- Construction Phase - ignore in output
- Vehicle Trips - Adjusted rates to match TIA VMT
- Woodstoves - Assumed none in medium density. Defaults for single family

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	2336175	1933875
tblAreaCoating	Area_Residential_Interior	7008525	5801625
tblConstructionPhase	NumDays	10,000.00	300.00
tblFireplaces	NumberGas	2,643.30	0.00
tblFireplaces	NumberGas	20,089.30	17,263.95
tblFireplaces	NumberNoFireplace	480.60	4,806.00
tblFireplaces	NumberNoFireplace	3,652.60	3,138.90
tblFireplaces	NumberWood	1,682.10	0.00
tblFireplaces	NumberWood	12,784.10	10,986.15
tblLandUse	LandUseSquareFeet	15,333,100.00	15,333,120.00
tblLandUse	LandUseSquareFeet	148,670,280.00	191,000.00
tblLandUse	LandUseSquareFeet	4,806,000.00	491,000.00
tblLandUse	LandUseSquareFeet	65,746,800.00	2,970,000.00
tblLandUse	LotAcreage	50.14	50.00
tblLandUse	LotAcreage	11,859.09	5,000.00
tblSolidWaste	SolidWasteGenerationRate	42,830.24	36,806.93
tblVehicleTrips	ST_TR	4.91	2.89
tblVehicleTrips	ST_TR	1.96	1.15
tblVehicleTrips	ST_TR	6.42	3.78
tblVehicleTrips	ST_TR	1.99	1.17
tblVehicleTrips	ST_TR	2.21	1.30
tblVehicleTrips	ST_TR	80.09	47.15
tblVehicleTrips	ST_TR	9.54	5.61
tblVehicleTrips	ST_TR	42.04	24.74
tblVehicleTrips	SU_TR	4.09	2.41
tblVehicleTrips	SU_TR	2.19	1.29
tblVehicleTrips	SU_TR	5.09	3.00

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

tblVehicleTrips	SU_TR	5.00	2.94
tblVehicleTrips	SU_TR	0.70	0.41
tblVehicleTrips	SU_TR	42.09	24.46
tblVehicleTrips	SU_TR	8.55	5.03
tblVehicleTrips	SU_TR	20.43	12.03
tblVehicleTrips	WD_TR	5.44	3.20
tblVehicleTrips	WD_TR	0.78	0.46
tblVehicleTrips	WD_TR	3.93	2.32
tblVehicleTrips	WD_TR	4.96	2.92
tblVehicleTrips	WD_TR	9.74	5.73
tblVehicleTrips	WD_TR	72.05	42.42
tblVehicleTrips	WD_TR	9.44	5.56
tblVehicleTrips	WD_TR	44.32	26.09
tblWater	IndoorWaterUseRate	2,379,815,939.85	2,045,119,710.23
tblWater	OutdoorWaterUseRate	1,500,318,744.69	1,289,314,599.93
tblWoodstoves	NumberCatalytic	240.30	0.00
tblWoodstoves	NumberCatalytic	1,826.30	1,569.45
tblWoodstoves	NumberNoncatalytic	240.30	0.00
tblWoodstoves	NumberNoncatalytic	1,826.30	1,569.45

2.0 Emissions Summary

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.3496	3.3484	2.7312	5.1800e-003	0.0157	0.1616	0.1774	4.1800e-003	0.1503	0.1544	0.0000	454.6243	454.6243	0.1246	4.1000e-004	457.8607
2023	0.0463	0.4304	0.4005	8.0000e-004	2.4200e-003	0.0200	0.0224	6.4000e-004	0.0186	0.0192	0.0000	69.8944	69.8944	0.0191	6.0000e-005	70.3893
Maximum	0.3496	3.3484	2.7312	5.1800e-003	0.0157	0.1616	0.1774	4.1800e-003	0.1503	0.1544	0.0000	454.6243	454.6243	0.1246	4.1000e-004	457.8607

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					
2022	0.3496	3.3484	2.7312	5.1800e-003	0.0157	0.1616	0.1774	4.1800e-003	0.1503	0.1544	0.0000	454.6238	454.6238	0.1246	4.1000e-004	457.8602
2023	0.0463	0.4304	0.4005	8.0000e-004	2.4200e-003	0.0200	0.0224	6.4000e-004	0.0186	0.0192	0.0000	69.8943	69.8943	0.0191	6.0000e-005	70.3892
Maximum	0.3496	3.3484	2.7312	5.1800e-003	0.0157	0.1616	0.1774	4.1800e-003	0.1503	0.1544	0.0000	454.6238	454.6238	0.1246	4.1000e-004	457.8602

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-3-2022	4-2-2022	0.9144	0.9144
2	4-3-2022	7-2-2022	0.9247	0.9247
3	7-3-2022	10-2-2022	0.9349	0.9349
4	10-3-2022	1-2-2023	0.9314	0.9314
5	1-3-2023	4-2-2023	0.4511	0.4511
		Highest	0.9349	0.9349

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	2,200.7055	41.9982	2,738.1879	4.4209		342.5778	342.5778		342.5778	342.5778	32,423.5094	14,100.0348	46,523.5441	30.4036	2.5504	48,043.6397
Energy	7.6930	66.6946	34.9711	0.4196		5.3152	5.3152		5.3152	5.3152	0.0000	206,940.1442	206,940.1442	12.4997	2.7340	208,067.3779
Mobile	337.5732	477.6326	2,866.6391	5.6953	609.8530	5.2082	615.0611	162.8703	4.8891	167.7594	0.0000	541,956.1247	541,956.1247	34.8091	31.0489	552,078.9200
Waste						0.0000	0.0000		0.0000	0.0000	16,325.0793	0.0000	16,325.0793	964.7846	0.0000	40,444.6929
Water						0.0000	0.0000		0.0000	0.0000	2,419.1633	33,638.0332	36,057.1964	251.3104	6.2111	44,190.8607
Total	2,545.9718	586.3254	5,639.7981	10.5357	609.8530	353.1011	962.9541	162.8703	352.7821	515.6524	51,167.7519	796,634.3368	847,802.0887	1,293.8074	42.5444	892,825.4912

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2,200.7055	41.9982	2,738.1879	4.4209		342.5778	342.5778		342.5778	342.5778	32,423.5094	14,100.0348	46,523.5441	30.4036	2.5504	48,043.6397
Energy	7.6930	66.6946	34.9711	0.4196		5.3152	5.3152		5.3152	5.3152	0.0000	206,940.1442	206,940.1442	12.4997	2.7340	208,067.3779
Mobile	337.5732	477.6326	2,866.6391	5.6953	609.8530	5.2082	615.0611	162.8703	4.8891	167.7594	0.0000	541,956.1247	541,956.1247	34.8091	31.0489	552,078.9200
Waste						0.0000	0.0000		0.0000	0.0000	16,325.0793	0.0000	16,325.0793	964.7846	0.0000	40,444.6929
Water						0.0000	0.0000		0.0000	0.0000	2,419.1633	33,638.0332	36,057.1964	251.3104	6.2111	44,190.8607
Total	2,545.9718	586.3254	5,639.7981	10.5357	609.8530	353.1011	962.9541	162.8703	352.7821	515.6524	51,167.7519	796,634.3368	847,802.0887	1,293.8074	42.5444	892,825.4912

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/3/2022	2/24/2023	5	300	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2022

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	0.3431	3.3435	2.6772	5.0500e-003		0.1615	0.1615		0.1502	0.1502	0.0000	441.8730	441.8730	0.1241	0.0000	444.9759
Total	0.3431	3.3435	2.6772	5.0500e-003		0.1615	0.1615		0.1502	0.1502	0.0000	441.8730	441.8730	0.1241	0.0000	444.9759

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	6.4800e-003	4.8700e-003	0.0539	1.4000e-004	0.0157	8.0000e-005	0.0158	4.1800e-003	8.0000e-005	4.2500e-003	0.0000	12.7514	12.7514	4.4000e-004	4.1000e-004	12.8848
Total	6.4800e-003	4.8700e-003	0.0539	1.4000e-004	0.0157	8.0000e-005	0.0158	4.1800e-003	8.0000e-005	4.2500e-003	0.0000	12.7514	12.7514	4.4000e-004	4.1000e-004	12.8848

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

3.2 Demolition - 2022

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	0.3431	3.3435	2.6772	5.0500e-003		0.1615	0.1615		0.1502	0.1502	0.0000	441.8724	441.8724	0.1241	0.0000	444.9754
Total	0.3431	3.3435	2.6772	5.0500e-003		0.1615	0.1615		0.1502	0.1502	0.0000	441.8724	441.8724	0.1241	0.0000	444.9754

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	6.4800e-003	4.8700e-003	0.0539	1.4000e-004	0.0157	8.0000e-005	0.0158	4.1800e-003	8.0000e-005	4.2500e-003	0.0000	12.7514	12.7514	4.4000e-004	4.1000e-004	12.8848
Total	6.4800e-003	4.8700e-003	0.0539	1.4000e-004	0.0157	8.0000e-005	0.0158	4.1800e-003	8.0000e-005	4.2500e-003	0.0000	12.7514	12.7514	4.4000e-004	4.1000e-004	12.8848

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0454	0.4297	0.3929	7.8000e-004		0.0200	0.0200		0.0186	0.0186	0.0000	67.9841	67.9841	0.0190	0.0000	68.4601
Total	0.0454	0.4297	0.3929	7.8000e-004		0.0200	0.0200		0.0186	0.0186	0.0000	67.9841	67.9841	0.0190	0.0000	68.4601

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	9.2000e-004	6.6000e-004	7.6100e-003	2.0000e-005	2.4200e-003	1.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.9103	1.9103	6.0000e-005	6.0000e-005	1.9291
Total	9.2000e-004	6.6000e-004	7.6100e-003	2.0000e-005	2.4200e-003	1.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.9103	1.9103	6.0000e-005	6.0000e-005	1.9291

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3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0454	0.4297	0.3929	7.8000e-004		0.0200	0.0200		0.0186	0.0186	0.0000	67.9841	67.9841	0.0190	0.0000	68.4600
Total	0.0454	0.4297	0.3929	7.8000e-004		0.0200	0.0200		0.0186	0.0186	0.0000	67.9841	67.9841	0.0190	0.0000	68.4600

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	9.2000e-004	6.6000e-004	7.6100e-003	2.0000e-005	2.4200e-003	1.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.9103	1.9103	6.0000e-005	6.0000e-005	1.9291
Total	9.2000e-004	6.6000e-004	7.6100e-003	2.0000e-005	2.4200e-003	1.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.9103	1.9103	6.0000e-005	6.0000e-005	1.9291

4.0 Operational Detail - Mobile

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

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	337.5732	477.6326	2,866.639 1	5.6953	609.8530	5.2082	615.0611	162.8703	4.8891	167.7594	0.0000	541,956.1 247	541,956.1 247	34.8091	31.0489	552,078.9 200
Unmitigated	337.5732	477.6326	2,866.639 1	5.6953	609.8530	5.2082	615.0611	162.8703	4.8891	167.7594	0.0000	541,956.1 247	541,956.1 247	34.8091	31.0489	552,078.9 200

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	15,379.20	13,889.34	11582.46	41,533,834	41,533,834
City Park	1,569.98	3,924.95	4402.77	4,933,834	4,933,834
General Heavy Industry	11,521.12	18,771.48	14898.00	38,068,373	38,068,373
General Light Industry	145.71	58.38	146.71	389,391	389,391
General Office Building	87,858.78	19,933.06	6286.58	158,923,179	158,923,179
Library	92,645.28	102,975.60	53420.64	150,024,521	150,024,521
Single Family Housing	203,084.56	204,910.86	183725.78	569,671,044	569,671,044
Strip Mall	462,680.06	438,739.16	213340.02	652,419,483	652,419,483
Total	874,884.69	803,202.83	487,802.96	1,615,963,659	1,615,963,659

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	7.30	7.50	40.20	19.20	40.60	86	11	3

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Library	9.50	7.30	7.30	52.00	43.00	5.00	44	44	12
Single Family Housing	10.80	7.30	7.50	40.20	19.20	40.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
City Park	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
General Heavy Industry	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
General Light Industry	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
General Office Building	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
Library	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
Single Family Housing	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
Strip Mall	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	130,805.4842	130,805.4842	11.0404	1.3382	131,480.2876
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	130,805.4842	130,805.4842	11.0404	1.3382	131,480.2876
NaturalGas Mitigated	7.6930	66.6946	34.9711	0.4196		5.3152	5.3152		5.3152	5.3152	0.0000	76,134.6601	76,134.6601	1.4593	1.3958	76,587.0903
NaturalGas Unmitigated	7.6930	66.6946	34.9711	0.4196		5.3152	5.3152		5.3152	5.3152	0.0000	76,134.6601	76,134.6601	1.4593	1.3958	76,587.0903

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	6.91207e+007	0.3727	3.1850	1.3553	0.0203		0.2575	0.2575		0.2575	0.2575	0.0000	3,688.5443	3,688.5443	0.0707	0.0676	3,710.4634
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	1.60551e+008	0.8657	7.8701	6.6109	0.0472		0.5981	0.5981		0.5981	0.5981	0.0000	8,567.6010	8,567.6010	0.1642	0.1571	8,618.5140
General Light Industry	1.61327e+006	8.7000e-003	0.0791	0.0664	4.7000e-004		6.0100e-003	6.0100e-003		6.0100e-003	6.0100e-003	0.0000	86.0901	86.0901	1.6500e-003	1.5800e-003	86.6017
General Office Building	5.25926e+007	0.2836	2.5781	2.1656	0.0155		0.1959	0.1959		0.1959	0.1959	0.0000	2,806.5415	2,806.5415	0.0538	0.0515	2,823.2194
Library	7.06087e+007	0.3807	3.4612	2.9074	0.0208		0.2631	0.2631		0.2631	0.2631	0.0000	3,767.9502	3,767.9502	0.0722	0.0691	3,790.3412
Single Family Housing	1.03321e+009	5.5712	47.6086	20.2590	0.3039		3.8492	3.8492		3.8492	3.8492	0.0000	55,135.9547	55,135.9547	1.0568	1.0108	55,463.6001
Strip Mall	3.90148e+007	0.2104	1.9125	1.6065	0.0115		0.1454	0.1454		0.1454	0.1454	0.0000	2,081.9783	2,081.9783	0.0399	0.0382	2,094.3505
Total		7.6930	66.6946	34.9711	0.4196		5.3152	5.3152		5.3152	5.3152	0.0000	76,134.6601	76,134.6601	1.4592	1.3958	76,587.0903

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	tons/yr										MT/yr					
Apartments Mid Rise	6.91207e+007	0.3727	3.1850	1.3553	0.0203		0.2575	0.2575		0.2575	0.2575	0.0000	3,688.5443	3,688.5443	0.0707	0.0676	3,710.4634
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	1.60551e+008	0.8657	7.8701	6.6109	0.0472		0.5981	0.5981		0.5981	0.5981	0.0000	8,567.6010	8,567.6010	0.1642	0.1571	8,618.5140
General Light Industry	1.61327e+006	8.7000e-003	0.0791	0.0664	4.7000e-004		6.0100e-003	6.0100e-003		6.0100e-003	6.0100e-003	0.0000	86.0901	86.0901	1.6500e-003	1.5800e-003	86.6017
General Office Building	5.25926e+007	0.2836	2.5781	2.1656	0.0155		0.1959	0.1959		0.1959	0.1959	0.0000	2,806.5415	2,806.5415	0.0538	0.0515	2,823.2194
Library	7.06087e+007	0.3807	3.4612	2.9074	0.0208		0.2631	0.2631		0.2631	0.2631	0.0000	3,767.9502	3,767.9502	0.0722	0.0691	3,790.3412
Single Family Housing	1.03321e+009	5.5712	47.6086	20.2590	0.3039		3.8492	3.8492		3.8492	3.8492	0.0000	55,135.9547	55,135.9547	1.0568	1.0108	55,463.6001
Strip Mall	3.90148e+007	0.2104	1.9125	1.6065	0.0115		0.1454	0.1454		0.1454	0.1454	0.0000	2,081.9783	2,081.9783	0.0399	0.0382	2,094.3505
Total		7.6930	66.6946	34.9711	0.4196		5.3152	5.3152		5.3152	5.3152	0.0000	76,134.6601	76,134.6601	1.4592	1.3958	76,587.0903

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.90318e+007	3,375.2064	0.2849	0.0345	3,392.6185
City Park	0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	4.92627e+007	8,736.5239	0.7374	0.0894	8,781.5942
General Light Industry	495008	87.7875	7.4100e-003	9.0000e-004	88.2403
General Office Building	1.40911e+008	24,990.0042	2.1092	0.2557	25,118.9234
Library	2.16653e+007	3,842.2409	0.3243	0.0393	3,862.0624
Single Family Housing	2.90917e+008	51,592.8642	4.3546	0.5278	51,859.0231
Strip Mall	2.15291e+008	38,180.8571	3.2226	0.3906	38,377.8257
Total		130,805.4842	11.0404	1.3382	131,480.2876

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.90318e+007	3,375.2064	0.2849	0.0345	3,392.6185
City Park	0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	4.92627e+007	8,736.5239	0.7374	0.0894	8,781.5942
General Light Industry	495008	87.7875	7.4100e-003	9.0000e-004	88.2403
General Office Building	1.40911e+008	24,990.0042	2.1092	0.2557	25,118.9234
Library	2.16653e+007	3,842.2409	0.3243	0.0393	3,862.0624
Single Family Housing	2.90917e+008	51,592.8642	4.3546	0.5278	51,859.0231
Strip Mall	2.15291e+008	38,180.8571	3.2226	0.3906	38,377.8257
Total		130,805.4842	11.0404	1.3382	131,480.2876

6.0 Area Detail

6.1 Mitigation Measures Area

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2,200.7055	41.9982	2,738.1879	4.4209		342.5778	342.5778		342.5778	342.5778	32,423.5094	14,100.0348	46,523.5441	30.4036	2.5504	48,043.6397
Unmitigated	2,200.7055	41.9982	2,738.1879	4.4209		342.5778	342.5778		342.5778	342.5778	32,423.5094	14,100.0348	46,523.5441	30.4036	2.5504	48,043.6397

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	51.1411					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	170.7816					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1,969.5403	38.4629	2,431.1835	4.4046		340.8751	340.8751		340.8751	340.8751	32,423.5094	13,597.9469	46,021.4563	29.9215	2.5504	47,529.4997
Landscaping	9.2425	3.5353	307.0044	0.0162		1.7027	1.7027		1.7027	1.7027	0.0000	502.0878	502.0878	0.4821	0.0000	514.1401
Total	2,200.7055	41.9982	2,738.1879	4.4209		342.5778	342.5778		342.5778	342.5778	32,423.5094	14,100.0348	46,523.5441	30.4036	2.5504	48,043.6397

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	51.1411					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	170.7816					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1,969.5403	38.4629	2,431.1835	4.4046		340.8751	340.8751		340.8751	340.8751	32,423.5094	13,597.9469	46,021.4563	29.9215	2.5504	47,529.4997
Landscaping	9.2425	3.5353	307.0044	0.0162		1.7027	1.7027		1.7027	1.7027	0.0000	502.0878	502.0878	0.4821	0.0000	514.1401
Total	2,200.7055	41.9982	2,738.1879	4.4209		342.5778	342.5778		342.5778	342.5778	32,423.5094	14,100.0348	46,523.5441	30.4036	2.5504	48,043.6397

7.0 Water Detail

7.1 Mitigation Measures Water

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	36,057.19 64	251.3104	6.2111	44,190.86 07
Unmitigated	36,057.19 64	251.3104	6.2111	44,190.86 07

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	313.13 / 197.408	1,211.3824	10.2972	0.2523	1,543.9982
City Park	0 / 4066.53	8,012.3125	0.6763	0.0820	8,053.6467
General Heavy Industry	1148.39 / 0	3,016.2056	37.6441	0.9107	4,228.6963
General Light Industry	11.5394 / 0	30.3078	0.3783	9.1500e-003	42.4913
General Office Building	2725.21 / 1670.29	10,448.6677	89.6099	2.1948	13,342.9766
Library	68.335 / 106.883	390.0721	2.2578	0.0564	463.3080
Single Family Housing	2045.12 / 1289.31	7,911.7942	67.2533	1.6478	10,084.1782
Strip Mall	1313.6 / 805.111	5,036.4541	43.1937	1.0580	6,431.5654
Total		36,057.1964	251.3104	6.2111	44,190.8607

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	313.13 / 197.408	1,211.3824	10.2972	0.2523	1,543.9982
City Park	0 / 4066.53	8,012.3125	0.6763	0.0820	8,053.6467
General Heavy Industry	1148.39 / 0	3,016.2056	37.6441	0.9107	4,228.6963
General Light Industry	11.5394 / 0	30.3078	0.3783	9.1500e-003	42.4913
General Office Building	2725.21 / 1670.29	10,448.6677	89.6099	2.1948	13,342.9766
Library	68.335 / 106.883	390.0721	2.2578	0.0564	463.3080
Single Family Housing	2045.12 / 1289.31	7,911.7942	67.2533	1.6478	10,084.1782
Strip Mall	1313.6 / 805.111	5,036.4541	43.1937	1.0580	6,431.5654
Total		36,057.1964	251.3104	6.2111	44,190.8607

8.0 Waste Detail

8.1 Mitigation Measures Waste

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	16,325.07 93	964.7846	0.0000	40,444.69 29
Unmitigated	16,325.07 93	964.7846	0.0000	40,444.69 29

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	2210.76	448.7643	26.5212	0.0000	1,111.7946
City Park	293.52	59.5819	3.5212	0.0000	147.6117
General Heavy Industry	6157.84	1,249.9859	73.8721	0.0000	3,096.7871
General Light Industry	61.88	12.5611	0.7423	0.0000	31.1196
General Office Building	14259.8	2,894.6065	171.0663	0.0000	7,171.2650
Library	2011.28	408.2717	24.1282	0.0000	1,011.4758
Single Family Housing	36806.9	7,471.4742	441.5515	0.0000	18,510.2610
Strip Mall	18620.7	3,779.8338	223.3818	0.0000	9,364.3783
Total		16,325.0793	964.7845	0.0000	40,444.6929

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	2210.76	448.7643	26.5212	0.0000	1,111.7946
City Park	293.52	59.5819	3.5212	0.0000	147.6117
General Heavy Industry	6157.84	1,249.9859	73.8721	0.0000	3,096.7871
General Light Industry	61.88	12.5611	0.7423	0.0000	31.1196
General Office Building	14259.8	2,894.6065	171.0663	0.0000	7,171.2650
Library	2011.28	408.2717	24.1282	0.0000	1,011.4758
Single Family Housing	36806.9	7,471.4742	441.5515	0.0000	18,510.2610
Strip Mall	18620.7	3,779.8338	223.3818	0.0000	9,364.3783
Total		16,325.0793	964.7845	0.0000	40,444.6929

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

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Annual

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

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

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

**Victorville GPU - Existing Operation
Mojave Desert Air Basin, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	15,333.12	1000sqft	352.00	15,333,120.00	0
Library	2,184.00	1000sqft	50.00	2,184,000.00	0
General Heavy Industry	4,966.00	1000sqft	114.00	4,966,000.00	0
General Light Industry	49.90	1000sqft	1.15	49,900.00	0
City Park	3,413.00	Acre	3,413.00	191,000.00	0
Apartments Mid Rise	4,806.00	Dwelling Unit	126.47	491,000.00	13745
Single Family Housing	36,526.00	Dwelling Unit	5,000.00	2,970,000.00	104464
Strip Mall	17,734.00	1000sqft	407.12	17,734,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	31
Climate Zone	10			Operational Year	2026
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 -
- Land Use - Land use assumptions from Dima and CityPlace
- Construction Phase - ignore in output
- Vehicle Trips - Adjusted rates to match TIA VMT
- Woodstoves - Assumed none in medium density. Defaults for single family

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	2336175	1933875
tblAreaCoating	Area_Residential_Interior	7008525	5801625
tblConstructionPhase	NumDays	10,000.00	300.00
tblFireplaces	NumberGas	2,643.30	0.00
tblFireplaces	NumberGas	20,089.30	17,263.95
tblFireplaces	NumberNoFireplace	480.60	4,806.00
tblFireplaces	NumberNoFireplace	3,652.60	3,138.90
tblFireplaces	NumberWood	1,682.10	0.00
tblFireplaces	NumberWood	12,784.10	10,986.15
tblLandUse	LandUseSquareFeet	15,333,100.00	15,333,120.00
tblLandUse	LandUseSquareFeet	148,670,280.00	191,000.00
tblLandUse	LandUseSquareFeet	4,806,000.00	491,000.00
tblLandUse	LandUseSquareFeet	65,746,800.00	2,970,000.00
tblLandUse	LotAcreage	50.14	50.00
tblLandUse	LotAcreage	11,859.09	5,000.00
tblSolidWaste	SolidWasteGenerationRate	42,830.24	36,806.93
tblVehicleTrips	ST_TR	4.91	2.89
tblVehicleTrips	ST_TR	1.96	1.15
tblVehicleTrips	ST_TR	6.42	3.78
tblVehicleTrips	ST_TR	1.99	1.17
tblVehicleTrips	ST_TR	2.21	1.30
tblVehicleTrips	ST_TR	80.09	47.15
tblVehicleTrips	ST_TR	9.54	5.61
tblVehicleTrips	ST_TR	42.04	24.74
tblVehicleTrips	SU_TR	4.09	2.41
tblVehicleTrips	SU_TR	2.19	1.29
tblVehicleTrips	SU_TR	5.09	3.00

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

tblVehicleTrips	SU_TR	5.00	2.94
tblVehicleTrips	SU_TR	0.70	0.41
tblVehicleTrips	SU_TR	42.09	24.46
tblVehicleTrips	SU_TR	8.55	5.03
tblVehicleTrips	SU_TR	20.43	12.03
tblVehicleTrips	WD_TR	5.44	3.20
tblVehicleTrips	WD_TR	0.78	0.46
tblVehicleTrips	WD_TR	3.93	2.32
tblVehicleTrips	WD_TR	4.96	2.92
tblVehicleTrips	WD_TR	9.74	5.73
tblVehicleTrips	WD_TR	72.05	42.42
tblVehicleTrips	WD_TR	9.44	5.56
tblVehicleTrips	WD_TR	44.32	26.09
tblWater	IndoorWaterUseRate	2,379,815,939.85	2,045,119,710.23
tblWater	OutdoorWaterUseRate	1,500,318,744.69	1,289,314,599.93
tblWoodstoves	NumberCatalytic	240.30	0.00
tblWoodstoves	NumberCatalytic	1,826.30	1,569.45
tblWoodstoves	NumberNoncatalytic	240.30	0.00
tblWoodstoves	NumberNoncatalytic	1,826.30	1,569.45

2.0 Emissions Summary

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
2022	2.6986	25.7535	21.0783	0.0400	0.1232	1.2433	1.3665	0.0327	1.1559	1.1885	0.0000	3,865.0359	3,865.0359	1.0560	3.2700e-003	3,892.4127
2023	2.3239	21.5145	20.0861	0.0400	0.1232	0.9982	1.1214	0.0327	0.9286	0.9612	0.0000	3,862.1046	3,862.1046	1.0526	3.0200e-003	3,889.3187
Maximum	2.6986	25.7535	21.0783	0.0400	0.1232	1.2433	1.3665	0.0327	1.1559	1.1885	0.0000	3,865.0359	3,865.0359	1.0560	3.2700e-003	3,892.4127

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	2.6986	25.7535	21.0783	0.0400	0.1232	1.2433	1.3665	0.0327	1.1559	1.1885	0.0000	3,865.0359	3,865.0359	1.0560	3.2700e-003	3,892.4127
2023	2.3239	21.5145	20.0861	0.0400	0.1232	0.9982	1.1214	0.0327	0.9286	0.9612	0.0000	3,862.1046	3,862.1046	1.0526	3.0200e-003	3,889.3187
Maximum	2.6986	25.7535	21.0783	0.0400	0.1232	1.2433	1.3665	0.0327	1.1559	1.1885	0.0000	3,865.0359	3,865.0359	1.0560	3.2700e-003	3,892.4127

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	49,356.27 71	977.3998	62,708.31 90	107.6101		8,332.945 7	8,332.945 7		8,332.945 7	8,332.9457	871,726.8 559	371,739.0 526	1,243,465. 9085	810.3638	68.5679	1,284,158. 2373
Energy	42.1537	365.4499	191.6227	2.2993		29.1243	29.1243		29.1243	29.1243		459,858.0 655	459,858.0 655	8.8140	8.4307	462,590.7 720
Mobile	2,589.460 9	2,691.073 9	18,275.66 12	36.9667	3,775.069 4	31.6780	3,806.747 4	1,006.699 0	29.7369	1,036.4359		3,878,217. 9389	3,878,217. 9389	218.5934	200.6134	3,943,465. 5504
Total	51,987.89 16	4,033.923 5	81,175.60 29	146.8762	3,775.069 4	8,393.748 0	12,168.81 74	1,006.699 0	8,391.806 9	9,398.5059	871,726.8 559	4,709,815. 0569	5,581,541. 9128	1,037.771 1	277.6120	5,690,214. 5597

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	49,356.27 71	977.3998	62,708.31 90	107.6101		8,332.945 7	8,332.945 7		8,332.945 7	8,332.9457	871,726.8 559	371,739.0 526	1,243,465. 9085	810.3638	68.5679	1,284,158. 2373
Energy	42.1537	365.4499	191.6227	2.2993		29.1243	29.1243		29.1243	29.1243		459,858.0 655	459,858.0 655	8.8140	8.4307	462,590.7 720
Mobile	2,589.460 9	2,691.073 9	18,275.66 12	36.9667	3,775.069 4	31.6780	3,806.747 4	1,006.699 0	29.7369	1,036.4359		3,878,217. 9389	3,878,217. 9389	218.5934	200.6134	3,943,465. 5504
Total	51,987.89 16	4,033.923 5	81,175.60 29	146.8762	3,775.069 4	8,393.748 0	12,168.81 74	1,006.699 0	8,391.806 9	9,398.5059	871,726.8 559	4,709,815. 0569	5,581,541. 9128	1,037.771 1	277.6120	5,690,214. 5597

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/3/2022	2/24/2023	5	300	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2022

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	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920

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	0.0594	0.0341	0.4842	1.1600e-003	0.1232	6.5000e-004	0.1239	0.0327	6.0000e-004	0.0333		118.2548	118.2548	3.6100e-003	3.2700e-003	119.3207
Total	0.0594	0.0341	0.4842	1.1600e-003	0.1232	6.5000e-004	0.1239	0.0327	6.0000e-004	0.0333		118.2548	118.2548	3.6100e-003	3.2700e-003	119.3207

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2022

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	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920

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	0.0594	0.0341	0.4842	1.1600e-003	0.1232	6.5000e-004	0.1239	0.0327	6.0000e-004	0.0333		118.2548	118.2548	3.6100e-003	3.2700e-003	119.3207
Total	0.0594	0.0341	0.4842	1.1600e-003	0.1232	6.5000e-004	0.1239	0.0327	6.0000e-004	0.0333		118.2548	118.2548	3.6100e-003	3.2700e-003	119.3207

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183

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	0.0548	0.0301	0.4428	1.1200e-003	0.1232	6.1000e-004	0.1238	0.0327	5.6000e-004	0.0333		115.1206	115.1206	3.2400e-003	3.0200e-003	116.1004
Total	0.0548	0.0301	0.4428	1.1200e-003	0.1232	6.1000e-004	0.1238	0.0327	5.6000e-004	0.0333		115.1206	115.1206	3.2400e-003	3.0200e-003	116.1004

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

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	0.0548	0.0301	0.4428	1.1200e-003	0.1232	6.1000e-004	0.1238	0.0327	5.6000e-004	0.0333		115.1206	115.1206	3.2400e-003	3.0200e-003	116.1004
Total	0.0548	0.0301	0.4428	1.1200e-003	0.1232	6.1000e-004	0.1238	0.0327	5.6000e-004	0.0333		115.1206	115.1206	3.2400e-003	3.0200e-003	116.1004

4.0 Operational Detail - Mobile

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

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	2,589.4609	2,691.0739	18,275.6612	36.9667	3,775.0694	31.6780	3,806.7474	1,006.6990	29.7369	1,036.4359		3,878,217.9389	3,878,217.9389	218.5934	200.6134	3,943,465.5504
Unmitigated	2,589.4609	2,691.0739	18,275.6612	36.9667	3,775.0694	31.6780	3,806.7474	1,006.6990	29.7369	1,036.4359		3,878,217.9389	3,878,217.9389	218.5934	200.6134	3,943,465.5504

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	15,379.20	13,889.34	11582.46	41,533,834	41,533,834
City Park	1,569.98	3,924.95	4402.77	4,933,834	4,933,834
General Heavy Industry	11,521.12	18,771.48	14898.00	38,068,373	38,068,373
General Light Industry	145.71	58.38	146.71	389,391	389,391
General Office Building	87,858.78	19,933.06	6286.58	158,923,179	158,923,179
Library	92,645.28	102,975.60	53420.64	150,024,521	150,024,521
Single Family Housing	203,084.56	204,910.86	183725.78	569,671,044	569,671,044
Strip Mall	462,680.06	438,739.16	213340.02	652,419,483	652,419,483
Total	874,884.69	803,202.83	487,802.96	1,615,963,659	1,615,963,659

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	7.30	7.50	40.20	19.20	40.60	86	11	3

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Library	9.50	7.30	7.30	52.00	43.00	5.00	44	44	12
Single Family Housing	10.80	7.30	7.50	40.20	19.20	40.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
City Park	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
General Heavy Industry	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
General Light Industry	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
General Office Building	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
Library	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
Single Family Housing	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149
Strip Mall	0.538773	0.056496	0.172548	0.130930	0.027872	0.007524	0.007427	0.023548	0.000520	0.000190	0.027873	0.001148	0.005149

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	42.1537	365.4499	191.6227	2.2993		29.1243	29.1243		29.1243	29.1243		459,858.0655	459,858.0655	8.8140	8.4307	462,590.7720
NaturalGas Unmitigated	42.1537	365.4499	191.6227	2.2993		29.1243	29.1243		29.1243	29.1243		459,858.0655	459,858.0655	8.8140	8.4307	462,590.7720

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	189372	2.0422	17.4519	7.4264	0.1114		1.4110	1.4110		1.4110	1.4110		22,279.0360	22,279.0360	0.4270	0.4085	22,411.4291
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	439865	4.7436	43.1240	36.2242	0.2587		3.2774	3.2774		3.2774	3.2774		51,748.8413	51,748.8413	0.9919	0.9487	52,056.3588
General Light Industry	4419.91	0.0477	0.4333	0.3640	2.6000e-003		0.0329	0.0329		0.0329	0.0329		519.9894	519.9894	9.9700e-003	9.5300e-003	523.0794
General Office Building	144089	1.5539	14.1264	11.8662	0.0848		1.0736	1.0736		1.0736	1.0736		16,951.6846	16,951.6846	0.3249	0.3108	17,052.4200
Library	193449	2.0862	18.9655	15.9311	0.1138		1.4414	1.4414		1.4414	1.4414		22,758.6527	22,758.6527	0.4362	0.4172	22,893.8960
Single Family Housing	2.83071e+006	30.5273	260.8693	111.0082	1.6651		21.0916	21.0916		21.0916	21.0916		333,024.5835	333,024.5835	6.3830	6.1055	335,003.5821
Strip Mall	106890	1.1527	10.4794	8.8027	0.0629		0.7964	0.7964		0.7964	0.7964		12,575.2780	12,575.2780	0.2410	0.2306	12,650.0066
Total		42.1536	365.4499	191.6227	2.2993		29.1244	29.1244		29.1244	29.1244		459,858.0655	459,858.0655	8.8140	8.4307	462,590.7720

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
Apartments Mid Rise	189.372	2.0422	17.4519	7.4264	0.1114		1.4110	1.4110		1.4110	1.4110		22,279.0360	22,279.0360	0.4270	0.4085	22,411.4291
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	439.865	4.7436	43.1240	36.2242	0.2587		3.2774	3.2774		3.2774	3.2774		51,748.8413	51,748.8413	0.9919	0.9487	52,056.3588
General Light Industry	4.41991	0.0477	0.4333	0.3640	2.6000e-003		0.0329	0.0329		0.0329	0.0329		519.9894	519.9894	9.9700e-003	9.5300e-003	523.0794
General Office Building	144.089	1.5539	14.1264	11.8662	0.0848		1.0736	1.0736		1.0736	1.0736		16,951.6846	16,951.6846	0.3249	0.3108	17,052.4200
Library	193.449	2.0862	18.9655	15.9311	0.1138		1.4414	1.4414		1.4414	1.4414		22,758.6527	22,758.6527	0.4362	0.4172	22,893.8960
Single Family Housing	2830.71	30.5273	260.8693	111.0082	1.6651		21.0916	21.0916		21.0916	21.0916		333,024.5835	333,024.5835	6.3830	6.1055	335,003.5821
Strip Mall	106.89	1.1527	10.4794	8.8027	0.0629		0.7964	0.7964		0.7964	0.7964		12,575.2780	12,575.2780	0.2410	0.2306	12,650.0066
Total		42.1536	365.4499	191.6227	2.2993		29.1244	29.1244		29.1244	29.1244		459,858.0655	459,858.0655	8.8140	8.4307	462,590.7720

6.0 Area Detail

6.1 Mitigation Measures Area

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	49,356.27 71	977.3998	62,708.31 90	107.6101		8,332.945 7	8,332.945 7		8,332.945 7	8,332.9457	871,726.8 559	371,739.0 526	1,243,465. 9085	810.3638	68.5679	1,284,158. 2373
Unmitigated	49,356.27 71	977.3998	62,708.31 90	107.6101		8,332.945 7	8,332.945 7		8,332.945 7	8,332.9457	871,726.8 559	371,739.0 526	1,243,465. 9085	810.3638	68.5679	1,284,158. 2373

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	280.2254					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	935.7895					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	48,037.56 75	938.1182	59,297.15 93	107.4297		8,314.027 0	8,314.027 0		8,314.027 0	8,314.0270	871,726.8 559	365,589.5 294	1,237,316. 3854	804.4592	68.5679	1,277,861. 0992
Landscaping	102.6946	39.2816	3,411.159 7	0.1804		18.9186	18.9186		18.9186	18.9186		6,149.523 1	6,149.523 1	5.9046		6,297.138 1
Total	49,356.27 71	977.3998	62,708.31 90	107.6101		8,332.945 7	8,332.945 7		8,332.945 7	8,332.9457	871,726.8 559	371,739.0 526	1,243,465. 9085	810.3638	68.5679	1,284,158. 2373

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	280.2254					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	935.7895					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	48,037.5675	938.1182	59,297.1593	107.4297		8,314.0270	8,314.0270		8,314.0270	8,314.0270	871,726.8559	365,589.5294	1,237,316.3854	804.4592	68.5679	1,277,861.0992
Landscaping	102.6946	39.2816	3,411.1597	0.1804		18.9186	18.9186		18.9186	18.9186		6,149.5231	6,149.5231	5.9046		6,297.1381
Total	49,356.2771	977.3998	62,708.3190	107.6101		8,332.9457	8,332.9457		8,332.9457	8,332.9457	871,726.8559	371,739.0526	1,243,465.9085	810.3638	68.5679	1,284,158.2373

7.0 Water Detail

7.1 Mitigation Measures Water

Victorville GPU - Existing Operation - Mojave Desert Air Basin, Summer

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

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

**Victorville GPU - Proposed Operation
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	45,750.00	Dwelling Unit	4,000.00	82,350,000.00	130845
Apartments Mid Rise	28,058.00	Dwelling Unit	738.37	28,058,000.00	80246
Strip Mall	37,336.29	1000sqft	857.12	37,336,286.00	0
General Light Industry	49.90	1000sqft	1.15	49,900.00	0
General Heavy Industry	16,055.76	1000sqft	368.59	16,055,757.00	0
Library	782.77	1000sqft	17.97	782,773.00	0
City Park	13,940.36	Acre	4,000.00	607,242,081.60	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	31
Climate Zone	10			Operational Year	2040
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 -
- Land Use - Assumptions from
- Construction Phase - Revised to get it to 2040 horizon year
- Woodstoves - Adjusted to be same as existing
- Vehicle Trips - Adjusted to match TIA VMT

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10,000.00	4,600.00
tblConstructionPhase	PhaseEndDate	12/29/2060	4/18/2040
tblFireplaces	NumberGas	15,431.90	0.00
tblFireplaces	NumberGas	25,162.50	17,263.00
tblFireplaces	NumberNoFireplace	2,805.80	28,058.00
tblFireplaces	NumberNoFireplace	4,575.00	3,138.00
tblFireplaces	NumberWood	9,820.30	0.00
tblFireplaces	NumberWood	16,012.50	10,986.00
tblLandUse	LandUseSquareFeet	37,336,300.00	37,336,286.00
tblLandUse	LandUseSquareFeet	16,055,800.00	16,055,757.00
tblLandUse	LandUseSquareFeet	607,243,824.00	607,242,081.60
tblLandUse	LotAcreage	14,853.90	4,000.00
tblLandUse	LotAcreage	13,940.40	4,000.00
tblVehicleTrips	ST_TR	4.91	2.95
tblVehicleTrips	ST_TR	1.96	1.18
tblVehicleTrips	ST_TR	6.42	3.85
tblVehicleTrips	ST_TR	1.99	1.19
tblVehicleTrips	ST_TR	80.09	48.05
tblVehicleTrips	ST_TR	9.54	5.72
tblVehicleTrips	ST_TR	42.04	25.22
tblVehicleTrips	SU_TR	4.09	2.45
tblVehicleTrips	SU_TR	2.19	1.31
tblVehicleTrips	SU_TR	5.09	3.05
tblVehicleTrips	SU_TR	5.00	3.00
tblVehicleTrips	SU_TR	42.09	25.25
tblVehicleTrips	SU_TR	8.55	5.13
tblVehicleTrips	SU_TR	20.43	12.26
tblVehicleTrips	WD_TR	5.44	3.26

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

tblVehicleTrips	WD_TR	0.78	0.47
tblVehicleTrips	WD_TR	3.93	2.36
tblVehicleTrips	WD_TR	4.96	2.98
tblVehicleTrips	WD_TR	72.05	43.23
tblVehicleTrips	WD_TR	9.44	5.66
tblVehicleTrips	WD_TR	44.32	26.59
tblWoodstoves	NumberCatalytic	2,287.50	1,569.00
tblWoodstoves	NumberNoncatalytic	2,287.50	1,569.00

2.0 Emissions Summary

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					
2022	0.1170	1.1204	0.9139	1.7300e-003	5.2600e-003	0.0541	0.0594	1.4000e-003	0.0503	0.0517	0.0000	152.1243	152.1243	0.0417	1.4000e-004	153.2072
2023	0.3010	2.7973	2.6031	5.1800e-003	0.0157	0.1298	0.1455	4.1800e-003	0.1207	0.1249	0.0000	454.3136	454.3136	0.1242	3.8000e-004	457.5302
2024	0.2995	2.7389	2.6277	5.2200e-003	0.0158	0.1259	0.1417	4.2100e-003	0.1170	0.1212	0.0000	457.5533	457.5533	0.1250	3.5000e-004	460.7824
2025	0.2783	2.5086	2.5767	5.1900e-003	0.0158	0.1114	0.1271	4.1900e-003	0.1034	0.1076	0.0000	455.5302	455.5302	0.1242	3.3000e-004	458.7329
2026	0.2779	2.5082	2.5740	5.1900e-003	0.0158	0.1114	0.1271	4.1900e-003	0.1034	0.1076	0.0000	455.2509	455.2509	0.1242	3.1000e-004	458.4469
2027	0.2776	2.5079	2.5717	5.1900e-003	0.0158	0.1114	0.1271	4.1900e-003	0.1034	0.1076	0.0000	454.9980	454.9980	0.1242	2.9000e-004	458.1883
2028	0.2763	2.4981	2.5599	5.1600e-003	0.0157	0.1109	0.1266	4.1800e-003	0.1030	0.1072	0.0000	453.0323	453.0323	0.1237	2.7000e-004	456.2057
2029	0.2770	2.5075	2.5680	5.1800e-003	0.0158	0.1113	0.1271	4.1900e-003	0.1034	0.1076	0.0000	454.5761	454.5761	0.1241	2.6000e-004	457.7575

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2030	0.2744	1.2781	2.5011	6.1400e-003	0.0158	0.0459	0.0617	4.1900e-003	0.0459	0.0501	0.0000	529.1027	529.1027	0.0221	2.5000e-004	529.7303
2031	0.2742	1.2779	2.4999	6.1400e-003	0.0158	0.0459	0.0617	4.1900e-003	0.0459	0.0501	0.0000	528.9536	528.9536	0.0221	2.4000e-004	529.5782
2032	0.2750	1.2827	2.5084	6.1600e-003	0.0158	0.0460	0.0619	4.2100e-003	0.0460	0.0502	0.0000	530.8442	530.8442	0.0221	2.4000e-004	531.4685
2033	0.2727	1.2728	2.4883	6.1100e-003	0.0157	0.0457	0.0614	4.1800e-003	0.0457	0.0499	0.0000	526.6731	526.6731	0.0220	2.3000e-004	527.2906
2034	0.2725	1.2727	2.4874	6.1100e-003	0.0157	0.0457	0.0614	4.1800e-003	0.0457	0.0499	0.0000	526.5686	526.5686	0.0219	2.3000e-004	527.1843
2035	0.2417	0.9030	2.4689	6.1300e-003	0.0158	0.0296	0.0454	4.1900e-003	0.0296	0.0338	0.0000	528.5035	528.5035	0.0191	2.2000e-004	529.0467
2036	0.2426	0.9064	2.4783	6.1600e-003	0.0158	0.0297	0.0456	4.2100e-003	0.0297	0.0340	0.0000	530.5284	530.5284	0.0192	2.2000e-004	531.0737
2037	0.2417	0.9030	2.4689	6.1300e-003	0.0158	0.0296	0.0454	4.1900e-003	0.0296	0.0338	0.0000	528.5035	528.5035	0.0191	2.2000e-004	529.0467
2038	0.2417	0.9030	2.4689	6.1300e-003	0.0158	0.0296	0.0454	4.1900e-003	0.0296	0.0338	0.0000	528.5035	528.5035	0.0191	2.2000e-004	529.0467
2039	0.2407	0.8995	2.4594	6.1100e-003	0.0157	0.0295	0.0452	4.1800e-003	0.0295	0.0337	0.0000	526.4786	526.4786	0.0190	2.2000e-004	527.0197
2040	0.0669	0.2074	0.7321	1.8300e-003	4.7200e-003	6.3600e-003	0.0111	1.2500e-003	6.3600e-003	7.6100e-003	0.0000	157.8541	157.8541	5.2900e-003	6.0000e-005	158.0049
Maximum	0.3010	2.7973	2.6277	6.1600e-003	0.0158	0.1298	0.1455	4.2100e-003	0.1207	0.1249	0.0000	530.8442	530.8442	0.1250	3.8000e-004	531.4685

2.1 Overall Construction

Mitigated Construction

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1170	1.1204	0.9139	1.7300e-003	5.2600e-003	0.0541	0.0593	1.4000e-003	0.0503	0.0517	0.0000	152.1241	152.1241	0.0417	1.4000e-004	153.2071
2023	0.3010	2.7973	2.6031	5.1800e-003	0.0157	0.1298	0.1455	4.1800e-003	0.1207	0.1249	0.0000	454.3131	454.3131	0.1242	3.8000e-004	457.5297
2024	0.2995	2.7389	2.6277	5.2200e-003	0.0158	0.1259	0.1417	4.2100e-003	0.1170	0.1212	0.0000	457.5527	457.5527	0.1250	3.5000e-004	460.7819
2025	0.2783	2.5086	2.5767	5.1900e-003	0.0158	0.1114	0.1271	4.1900e-003	0.1034	0.1076	0.0000	455.5296	455.5296	0.1242	3.3000e-004	458.7323
2026	0.2779	2.5082	2.5740	5.1900e-003	0.0158	0.1114	0.1271	4.1900e-003	0.1034	0.1076	0.0000	455.2504	455.2504	0.1242	3.1000e-004	458.4464
2027	0.2776	2.5079	2.5716	5.1900e-003	0.0158	0.1114	0.1271	4.1900e-003	0.1034	0.1076	0.0000	454.9975	454.9975	0.1242	2.9000e-004	458.1878
2028	0.2763	2.4981	2.5599	5.1600e-003	0.0157	0.1109	0.1266	4.1800e-003	0.1030	0.1072	0.0000	453.0318	453.0318	0.1237	2.7000e-004	456.2051
2029	0.2770	2.5075	2.5680	5.1800e-003	0.0158	0.1113	0.1271	4.1900e-003	0.1034	0.1076	0.0000	454.5755	454.5755	0.1241	2.6000e-004	457.7570
2030	0.2744	1.2781	2.5011	6.1400e-003	0.0158	0.0459	0.0617	4.1900e-003	0.0459	0.0501	0.0000	529.1021	529.1021	0.0221	2.5000e-004	529.7296
2031	0.2742	1.2779	2.4999	6.1400e-003	0.0158	0.0459	0.0617	4.1900e-003	0.0459	0.0501	0.0000	528.9530	528.9530	0.0221	2.4000e-004	529.5776
2032	0.2750	1.2827	2.5084	6.1600e-003	0.0158	0.0460	0.0619	4.2100e-003	0.0460	0.0502	0.0000	530.8435	530.8435	0.0221	2.4000e-004	531.4679
2033	0.2727	1.2728	2.4883	6.1100e-003	0.0157	0.0457	0.0614	4.1800e-003	0.0457	0.0499	0.0000	526.6725	526.6725	0.0220	2.3000e-004	527.2900
2034	0.2725	1.2727	2.4874	6.1100e-003	0.0157	0.0457	0.0614	4.1800e-003	0.0457	0.0499	0.0000	526.5679	526.5679	0.0219	2.3000e-004	527.1836
2035	0.2417	0.9030	2.4689	6.1300e-003	0.0158	0.0296	0.0454	4.1900e-003	0.0296	0.0338	0.0000	528.5029	528.5029	0.0191	2.2000e-004	529.0461
2036	0.2426	0.9064	2.4783	6.1600e-003	0.0158	0.0297	0.0456	4.2100e-003	0.0297	0.0340	0.0000	530.5278	530.5278	0.0192	2.2000e-004	531.0731
2037	0.2417	0.9030	2.4689	6.1300e-003	0.0158	0.0296	0.0454	4.1900e-003	0.0296	0.0338	0.0000	528.5029	528.5029	0.0191	2.2000e-004	529.0461
2038	0.2417	0.9030	2.4689	6.1300e-003	0.0158	0.0296	0.0454	4.1900e-003	0.0296	0.0338	0.0000	528.5029	528.5029	0.0191	2.2000e-004	529.0461
2039	0.2407	0.8995	2.4594	6.1100e-003	0.0157	0.0295	0.0452	4.1800e-003	0.0295	0.0337	0.0000	526.4780	526.4780	0.0190	2.2000e-004	527.0191

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2040	0.0669	0.2074	0.7321	1.8300e-003	4.7200e-003	6.3600e-003	0.0111	1.2500e-003	6.3600e-003	7.6100e-003	0.0000	157.8539	157.8539	5.2900e-003	6.0000e-005	158.0047
Maximum	0.3010	2.7973	2.6277	6.1600e-003	0.0158	0.1298	0.1455	4.2100e-003	0.1207	0.1249	0.0000	530.8435	530.8435	0.1250	3.8000e-004	531.4679

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2022	11-30-2022	0.9246	0.9246
2	12-1-2022	2-28-2023	0.8172	0.8172
3	3-1-2023	5-31-2023	0.7832	0.7832
4	6-1-2023	8-31-2023	0.7833	0.7833
5	9-1-2023	11-30-2023	0.7746	0.7746
6	12-1-2023	2-29-2024	0.7609	0.7609
7	3-1-2024	5-31-2024	0.7622	0.7622
8	6-1-2024	8-31-2024	0.7623	0.7623
9	9-1-2024	11-30-2024	0.7539	0.7539
10	12-1-2024	2-28-2025	0.7068	0.7068
11	3-1-2025	5-31-2025	0.7018	0.7018
12	6-1-2025	8-31-2025	0.7018	0.7018
13	9-1-2025	11-30-2025	0.6941	0.6941
14	12-1-2025	2-28-2026	0.6863	0.6863
15	3-1-2026	5-31-2026	0.7016	0.7016
16	6-1-2026	8-31-2026	0.7017	0.7017

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

17	9-1-2026	11-30-2026	0.6940	0.6940
18	12-1-2026	2-28-2027	0.6862	0.6862
19	3-1-2027	5-31-2027	0.7015	0.7015
20	6-1-2027	8-31-2027	0.7015	0.7015
21	9-1-2027	11-30-2027	0.6938	0.6938
22	12-1-2027	2-29-2028	0.6937	0.6937
23	3-1-2028	5-31-2028	0.7013	0.7013
24	6-1-2028	8-31-2028	0.7014	0.7014
25	9-1-2028	11-30-2028	0.6937	0.6937
26	12-1-2028	2-28-2029	0.6859	0.6859
27	3-1-2029	5-31-2029	0.7012	0.7012
28	6-1-2029	8-31-2029	0.7012	0.7012
29	9-1-2029	11-30-2029	0.6935	0.6935
30	12-1-2029	2-28-2030	0.4870	0.4870
31	3-1-2030	5-31-2030	0.3910	0.3910
32	6-1-2030	8-31-2030	0.3910	0.3910
33	9-1-2030	11-30-2030	0.3867	0.3867
34	12-1-2030	2-28-2031	0.3824	0.3824
35	3-1-2031	5-31-2031	0.3909	0.3909
36	6-1-2031	8-31-2031	0.3909	0.3909
37	9-1-2031	11-30-2031	0.3866	0.3866
38	12-1-2031	2-29-2032	0.3865	0.3865
39	3-1-2032	5-31-2032	0.3908	0.3908
40	6-1-2032	8-31-2032	0.3908	0.3908
41	9-1-2032	11-30-2032	0.3865	0.3865
42	12-1-2032	2-28-2033	0.3822	0.3822
43	3-1-2033	5-31-2033	0.3907	0.3907
44	6-1-2033	8-31-2033	0.3907	0.3907
45	9-1-2033	11-30-2033	0.3864	0.3864

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

46	12-1-2033	2-28-2034	0.3821	0.3821
47	3-1-2034	5-31-2034	0.3906	0.3906
48	6-1-2034	8-31-2034	0.3906	0.3906
49	9-1-2034	11-30-2034	0.3864	0.3864
50	12-1-2034	2-28-2035	0.3164	0.3164
51	3-1-2035	5-31-2035	0.2883	0.2883
52	6-1-2035	8-31-2035	0.2883	0.2883
53	9-1-2035	11-30-2035	0.2851	0.2851
54	12-1-2035	2-29-2036	0.2851	0.2851
55	3-1-2036	5-31-2036	0.2883	0.2883
56	6-1-2036	8-31-2036	0.2883	0.2883
57	9-1-2036	11-30-2036	0.2851	0.2851
58	12-1-2036	2-28-2037	0.2820	0.2820
59	3-1-2037	5-31-2037	0.2883	0.2883
60	6-1-2037	8-31-2037	0.2883	0.2883
61	9-1-2037	11-30-2037	0.2851	0.2851
62	12-1-2037	2-28-2038	0.2820	0.2820
63	3-1-2038	5-31-2038	0.2883	0.2883
64	6-1-2038	8-31-2038	0.2883	0.2883
65	9-1-2038	11-30-2038	0.2851	0.2851
66	12-1-2038	2-28-2039	0.2820	0.2820
67	3-1-2039	5-31-2039	0.2883	0.2883
68	6-1-2039	8-31-2039	0.2883	0.2883
69	9-1-2039	11-30-2039	0.2851	0.2851
70	12-1-2039	2-29-2040	0.2478	0.2478
71	3-1-2040	5-31-2040	0.1231	0.1231
		Highest	0.9246	0.9246

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	2,898.6995	48.9997	3,236.9630	5.2804		386.2552	386.2552		386.2552	386.2552	38,092.8700	14,493.6187	52,586.4888	57.2815	2.5503	54,778.5183
Energy	12.5411	109.0169	59.1522	0.6841		8.6648	8.6648		8.6648	8.6648	0.0000	318,535.7738	318,535.7738	18.7887	4.2645	320,276.3104
Mobile	347.1149	497.0342	3,376.6918	7.0741	970.2198	4.7206	974.9404	258.8930	4.4428	263.3358	0.0000	711,666.1973	711,666.1973	37.4229	37.5856	723,802.2783
Waste						0.0000	0.0000		0.0000	0.0000	25,911.1976	0.0000	25,911.1976	1,531.3079	0.0000	64,193.8953
Water						0.0000	0.0000		0.0000	0.0000	3,592.3979	68,263.1153	71,855.5132	374.7353	9.4107	84,028.2702
Total	3,258.3555	655.0508	6,672.8070	13.0385	970.2198	399.6405	1,369.8603	258.8930	399.3627	658.2557	67,596.4655	1,112,958.7052	1,180,555.1707	2,019.5363	53.8111	1,247,079.2723

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2,898.6995	48.9997	3,236.9630	5.2804		386.2552	386.2552		386.2552	386.2552	38,092.8700	14,493.6187	52,586.4888	57.2815	2.5503	54,778.5183
Energy	12.5411	109.0169	59.1522	0.6841		8.6648	8.6648		8.6648	8.6648	0.0000	318,535.7738	318,535.7738	18.7887	4.2645	320,276.3104
Mobile	347.1149	497.0342	3,376.6918	7.0741	970.2198	4.7206	974.9404	258.8930	4.4428	263.3358	0.0000	711,666.1973	711,666.1973	37.4229	37.5856	723,802.2783
Waste						0.0000	0.0000		0.0000	0.0000	25,911.1976	0.0000	25,911.1976	1,531.3079	0.0000	64,193.8953
Water						0.0000	0.0000		0.0000	0.0000	3,592.3979	68,263.1153	71,855.5132	374.7353	9.4107	84,028.2702
Total	3,258.3555	655.0508	6,672.8070	13.0385	970.2198	399.6405	1,369.8603	258.8930	399.3627	658.2557	67,596.4655	1,112,958.7052	1,180,555.1707	2,019.5363	53.8111	1,247,079.2723

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2022	4/18/2040	5	4600	

Acres of Grading (Site Preparation Phase): 0

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2022

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	0.1148	1.1188	0.8958	1.6900e-003		0.0541	0.0541		0.0503	0.0503	0.0000	147.8575	147.8575	0.0415	0.0000	148.8958
Total	0.1148	1.1188	0.8958	1.6900e-003		0.0541	0.0541		0.0503	0.0503	0.0000	147.8575	147.8575	0.0415	0.0000	148.8958

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	2.1700e-003	1.6300e-003	0.0180	5.0000e-005	5.2600e-003	3.0000e-005	5.2900e-003	1.4000e-003	3.0000e-005	1.4200e-003	0.0000	4.2668	4.2668	1.5000e-004	1.4000e-004	4.3115
Total	2.1700e-003	1.6300e-003	0.0180	5.0000e-005	5.2600e-003	3.0000e-005	5.2900e-003	1.4000e-003	3.0000e-005	1.4200e-003	0.0000	4.2668	4.2668	1.5000e-004	1.4000e-004	4.3115

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2022

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	0.1148	1.1188	0.8958	1.6900e-003		0.0541	0.0541		0.0503	0.0503	0.0000	147.8573	147.8573	0.0415	0.0000	148.8956
Total	0.1148	1.1188	0.8958	1.6900e-003		0.0541	0.0541		0.0503	0.0503	0.0000	147.8573	147.8573	0.0415	0.0000	148.8956

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	2.1700e-003	1.6300e-003	0.0180	5.0000e-005	5.2600e-003	3.0000e-005	5.2900e-003	1.4000e-003	3.0000e-005	1.4200e-003	0.0000	4.2668	4.2668	1.5000e-004	1.4000e-004	4.3115
Total	2.1700e-003	1.6300e-003	0.0180	5.0000e-005	5.2600e-003	3.0000e-005	5.2900e-003	1.4000e-003	3.0000e-005	1.4200e-003	0.0000	4.2668	4.2668	1.5000e-004	1.4000e-004	4.3115

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2950	2.7930	2.5536	5.0500e-003		0.1297	0.1297		0.1206	0.1206	0.0000	441.8969	441.8969	0.1238	0.0000	444.9908
Total	0.2950	2.7930	2.5536	5.0500e-003		0.1297	0.1297		0.1206	0.1206	0.0000	441.8969	441.8969	0.1238	0.0000	444.9908

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	5.9800e-003	4.2900e-003	0.0495	1.3000e-004	0.0157	8.0000e-005	0.0158	4.1800e-003	7.0000e-005	4.2500e-003	0.0000	12.4168	12.4168	4.0000e-004	3.8000e-004	12.5394
Total	5.9800e-003	4.2900e-003	0.0495	1.3000e-004	0.0157	8.0000e-005	0.0158	4.1800e-003	7.0000e-005	4.2500e-003	0.0000	12.4168	12.4168	4.0000e-004	3.8000e-004	12.5394

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2950	2.7930	2.5536	5.0500e-003		0.1297	0.1297		0.1206	0.1206	0.0000	441.8964	441.8964	0.1238	0.0000	444.9903
Total	0.2950	2.7930	2.5536	5.0500e-003		0.1297	0.1297		0.1206	0.1206	0.0000	441.8964	441.8964	0.1238	0.0000	444.9903

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	5.9800e-003	4.2900e-003	0.0495	1.3000e-004	0.0157	8.0000e-005	0.0158	4.1800e-003	7.0000e-005	4.2500e-003	0.0000	12.4168	12.4168	4.0000e-004	3.8000e-004	12.5394
Total	5.9800e-003	4.2900e-003	0.0495	1.3000e-004	0.0157	8.0000e-005	0.0158	4.1800e-003	7.0000e-005	4.2500e-003	0.0000	12.4168	12.4168	4.0000e-004	3.8000e-004	12.5394

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 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	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3482	445.3482	0.1246	0.0000	448.4633
Total	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3482	445.3482	0.1246	0.0000	448.4633

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	5.5800e-003	3.8300e-003	0.0460	1.3000e-004	0.0158	8.0000e-005	0.0159	4.2100e-003	7.0000e-005	4.2800e-003	0.0000	12.2051	12.2051	3.6000e-004	3.5000e-004	12.3192
Total	5.5800e-003	3.8300e-003	0.0460	1.3000e-004	0.0158	8.0000e-005	0.0159	4.2100e-003	7.0000e-005	4.2800e-003	0.0000	12.2051	12.2051	3.6000e-004	3.5000e-004	12.3192

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 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	tons/yr										MT/yr					
Off-Road	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3477	445.3477	0.1246	0.0000	448.4627
Total	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3477	445.3477	0.1246	0.0000	448.4627

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	5.5800e-003	3.8300e-003	0.0460	1.3000e-004	0.0158	8.0000e-005	0.0159	4.2100e-003	7.0000e-005	4.2800e-003	0.0000	12.2051	12.2051	3.6000e-004	3.5000e-004	12.3192
Total	5.5800e-003	3.8300e-003	0.0460	1.3000e-004	0.0158	8.0000e-005	0.0159	4.2100e-003	7.0000e-005	4.2800e-003	0.0000	12.2051	12.2051	3.6000e-004	3.5000e-004	12.3192

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 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	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6694	443.6694	0.1239	0.0000	446.7665
Total	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6694	443.6694	0.1239	0.0000	446.7665

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	5.1700e-003	3.4100e-003	0.0426	1.3000e-004	0.0158	7.0000e-005	0.0159	4.1900e-003	7.0000e-005	4.2600e-003	0.0000	11.8608	11.8608	3.3000e-004	3.3000e-004	11.9664
Total	5.1700e-003	3.4100e-003	0.0426	1.3000e-004	0.0158	7.0000e-005	0.0159	4.1900e-003	7.0000e-005	4.2600e-003	0.0000	11.8608	11.8608	3.3000e-004	3.3000e-004	11.9664

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 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	tons/yr										MT/yr					
Off-Road	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6688	443.6688	0.1239	0.0000	446.7660
Total	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6688	443.6688	0.1239	0.0000	446.7660

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	5.1700e-003	3.4100e-003	0.0426	1.3000e-004	0.0158	7.0000e-005	0.0159	4.1900e-003	7.0000e-005	4.2600e-003	0.0000	11.8608	11.8608	3.3000e-004	3.3000e-004	11.9664
Total	5.1700e-003	3.4100e-003	0.0426	1.3000e-004	0.0158	7.0000e-005	0.0159	4.1900e-003	7.0000e-005	4.2600e-003	0.0000	11.8608	11.8608	3.3000e-004	3.3000e-004	11.9664

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 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	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6694	443.6694	0.1239	0.0000	446.7665
Total	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6694	443.6694	0.1239	0.0000	446.7665

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8300e-003	3.0700e-003	0.0399	1.2000e-004	0.0158	7.0000e-005	0.0159	4.1900e-003	6.0000e-005	4.2600e-003	0.0000	11.5816	11.5816	3.0000e-004	3.1000e-004	11.6804
Total	4.8300e-003	3.0700e-003	0.0399	1.2000e-004	0.0158	7.0000e-005	0.0159	4.1900e-003	6.0000e-005	4.2600e-003	0.0000	11.5816	11.5816	3.0000e-004	3.1000e-004	11.6804

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 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	tons/yr										MT/yr					
Off-Road	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6688	443.6688	0.1239	0.0000	446.7660
Total	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6688	443.6688	0.1239	0.0000	446.7660

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8300e-003	3.0700e-003	0.0399	1.2000e-004	0.0158	7.0000e-005	0.0159	4.1900e-003	6.0000e-005	4.2600e-003	0.0000	11.5816	11.5816	3.0000e-004	3.1000e-004	11.6804
Total	4.8300e-003	3.0700e-003	0.0399	1.2000e-004	0.0158	7.0000e-005	0.0159	4.1900e-003	6.0000e-005	4.2600e-003	0.0000	11.5816	11.5816	3.0000e-004	3.1000e-004	11.6804

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 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	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6694	443.6694	0.1239	0.0000	446.7665
Total	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6694	443.6694	0.1239	0.0000	446.7665

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5200e-003	2.7900e-003	0.0376	1.2000e-004	0.0158	6.0000e-005	0.0159	4.1900e-003	6.0000e-005	4.2500e-003	0.0000	11.3287	11.3287	2.7000e-004	2.9000e-004	11.4218
Total	4.5200e-003	2.7900e-003	0.0376	1.2000e-004	0.0158	6.0000e-005	0.0159	4.1900e-003	6.0000e-005	4.2500e-003	0.0000	11.3287	11.3287	2.7000e-004	2.9000e-004	11.4218

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 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	tons/yr										MT/yr					
Off-Road	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6688	443.6688	0.1239	0.0000	446.7660
Total	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6688	443.6688	0.1239	0.0000	446.7660

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5200e-003	2.7900e-003	0.0376	1.2000e-004	0.0158	6.0000e-005	0.0159	4.1900e-003	6.0000e-005	4.2500e-003	0.0000	11.3287	11.3287	2.7000e-004	2.9000e-004	11.4218
Total	4.5200e-003	2.7900e-003	0.0376	1.2000e-004	0.0158	6.0000e-005	0.0159	4.1900e-003	6.0000e-005	4.2500e-003	0.0000	11.3287	11.3287	2.7000e-004	2.9000e-004	11.4218

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 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	0.2720	2.4956	2.5244	5.0500e-003		0.1109	0.1109		0.1030	0.1030	0.0000	441.9695	441.9695	0.1234	0.0000	445.0547
Total	0.2720	2.4956	2.5244	5.0500e-003		0.1109	0.1109		0.1030	0.1030	0.0000	441.9695	441.9695	0.1234	0.0000	445.0547

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2200e-003	2.5400e-003	0.0355	1.1000e-004	0.0157	6.0000e-005	0.0158	4.1800e-003	5.0000e-005	4.2300e-003	0.0000	11.0629	11.0629	2.5000e-004	2.7000e-004	11.1509
Total	4.2200e-003	2.5400e-003	0.0355	1.1000e-004	0.0157	6.0000e-005	0.0158	4.1800e-003	5.0000e-005	4.2300e-003	0.0000	11.0629	11.0629	2.5000e-004	2.7000e-004	11.1509

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 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	tons/yr										MT/yr					
Off-Road	0.2720	2.4956	2.5244	5.0500e-003		0.1109	0.1109		0.1030	0.1030	0.0000	441.9689	441.9689	0.1234	0.0000	445.0542
Total	0.2720	2.4956	2.5244	5.0500e-003		0.1109	0.1109		0.1030	0.1030	0.0000	441.9689	441.9689	0.1234	0.0000	445.0542

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2200e-003	2.5400e-003	0.0355	1.1000e-004	0.0157	6.0000e-005	0.0158	4.1800e-003	5.0000e-005	4.2300e-003	0.0000	11.0629	11.0629	2.5000e-004	2.7000e-004	11.1509
Total	4.2200e-003	2.5400e-003	0.0355	1.1000e-004	0.0157	6.0000e-005	0.0158	4.1800e-003	5.0000e-005	4.2300e-003	0.0000	11.0629	11.0629	2.5000e-004	2.7000e-004	11.1509

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2029

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	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6694	443.6694	0.1239	0.0000	446.7665
Total	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6694	443.6694	0.1239	0.0000	446.7665

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9600e-003	2.3400e-003	0.0339	1.1000e-004	0.0158	6.0000e-005	0.0158	4.1900e-003	5.0000e-005	4.2400e-003	0.0000	10.9067	10.9067	2.3000e-004	2.6000e-004	10.9910
Total	3.9600e-003	2.3400e-003	0.0339	1.1000e-004	0.0158	6.0000e-005	0.0158	4.1900e-003	5.0000e-005	4.2400e-003	0.0000	10.9067	10.9067	2.3000e-004	2.6000e-004	10.9910

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2029

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	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6688	443.6688	0.1239	0.0000	446.7660
Total	0.2731	2.5052	2.5341	5.0700e-003		0.1113	0.1113		0.1034	0.1034	0.0000	443.6688	443.6688	0.1239	0.0000	446.7660

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9600e-003	2.3400e-003	0.0339	1.1000e-004	0.0158	6.0000e-005	0.0158	4.1900e-003	5.0000e-005	4.2400e-003	0.0000	10.9067	10.9067	2.3000e-004	2.6000e-004	10.9910
Total	3.9600e-003	2.3400e-003	0.0339	1.1000e-004	0.0158	6.0000e-005	0.0158	4.1900e-003	5.0000e-005	4.2400e-003	0.0000	10.9067	10.9067	2.3000e-004	2.6000e-004	10.9910

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2030

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	0.2707	1.2759	2.4686	6.0300e-003		0.0458	0.0458		0.0458	0.0458	0.0000	518.3698	518.3698	0.0219	0.0000	518.9166
Total	0.2707	1.2759	2.4686	6.0300e-003		0.0458	0.0458		0.0458	0.0458	0.0000	518.3698	518.3698	0.0219	0.0000	518.9166

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7100e-003	2.1700e-003	0.0325	1.1000e-004	0.0158	5.0000e-005	0.0158	4.1900e-003	5.0000e-005	4.2400e-003	0.0000	10.7329	10.7329	2.1000e-004	2.5000e-004	10.8137
Total	3.7100e-003	2.1700e-003	0.0325	1.1000e-004	0.0158	5.0000e-005	0.0158	4.1900e-003	5.0000e-005	4.2400e-003	0.0000	10.7329	10.7329	2.1000e-004	2.5000e-004	10.8137

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2030

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	0.2707	1.2759	2.4686	6.0300e-003		0.0458	0.0458		0.0458	0.0458	0.0000	518.3692	518.3692	0.0219	0.0000	518.9160
Total	0.2707	1.2759	2.4686	6.0300e-003		0.0458	0.0458		0.0458	0.0458	0.0000	518.3692	518.3692	0.0219	0.0000	518.9160

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7100e-003	2.1700e-003	0.0325	1.1000e-004	0.0158	5.0000e-005	0.0158	4.1900e-003	5.0000e-005	4.2400e-003	0.0000	10.7329	10.7329	2.1000e-004	2.5000e-004	10.8137
Total	3.7100e-003	2.1700e-003	0.0325	1.1000e-004	0.0158	5.0000e-005	0.0158	4.1900e-003	5.0000e-005	4.2400e-003	0.0000	10.7329	10.7329	2.1000e-004	2.5000e-004	10.8137

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2031

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	0.2707	1.2759	2.4686	6.0300e-003		0.0458	0.0458		0.0458	0.0458	0.0000	518.3698	518.3698	0.0219	0.0000	518.9166
Total	0.2707	1.2759	2.4686	6.0300e-003		0.0458	0.0458		0.0458	0.0458	0.0000	518.3698	518.3698	0.0219	0.0000	518.9166

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4600e-003	2.0100e-003	0.0313	1.1000e-004	0.0158	5.0000e-005	0.0158	4.1900e-003	5.0000e-005	4.2400e-003	0.0000	10.5838	10.5838	2.0000e-004	2.4000e-004	10.6616
Total	3.4600e-003	2.0100e-003	0.0313	1.1000e-004	0.0158	5.0000e-005	0.0158	4.1900e-003	5.0000e-005	4.2400e-003	0.0000	10.5838	10.5838	2.0000e-004	2.4000e-004	10.6616

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2031

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	0.2707	1.2759	2.4686	6.0300e-003		0.0458	0.0458		0.0458	0.0458	0.0000	518.3692	518.3692	0.0219	0.0000	518.9160
Total	0.2707	1.2759	2.4686	6.0300e-003		0.0458	0.0458		0.0458	0.0458	0.0000	518.3692	518.3692	0.0219	0.0000	518.9160

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4600e-003	2.0100e-003	0.0313	1.1000e-004	0.0158	5.0000e-005	0.0158	4.1900e-003	5.0000e-005	4.2400e-003	0.0000	10.5838	10.5838	2.0000e-004	2.4000e-004	10.6616
Total	3.4600e-003	2.0100e-003	0.0313	1.1000e-004	0.0158	5.0000e-005	0.0158	4.1900e-003	5.0000e-005	4.2400e-003	0.0000	10.5838	10.5838	2.0000e-004	2.4000e-004	10.6616

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2032

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	0.2718	1.2808	2.4781	6.0600e-003		0.0460	0.0460		0.0460	0.0460	0.0000	520.3559	520.3559	0.0220	0.0000	520.9048
Total	0.2718	1.2808	2.4781	6.0600e-003		0.0460	0.0460		0.0460	0.0460	0.0000	520.3559	520.3559	0.0220	0.0000	520.9048

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2400e-003	1.8800e-003	0.0303	1.1000e-004	0.0158	5.0000e-005	0.0159	4.2100e-003	4.0000e-005	4.2500e-003	0.0000	10.4882	10.4882	1.8000e-004	2.4000e-004	10.5638
Total	3.2400e-003	1.8800e-003	0.0303	1.1000e-004	0.0158	5.0000e-005	0.0159	4.2100e-003	4.0000e-005	4.2500e-003	0.0000	10.4882	10.4882	1.8000e-004	2.4000e-004	10.5638

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2032

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	0.2718	1.2808	2.4781	6.0600e-003		0.0460	0.0460		0.0460	0.0460	0.0000	520.3553	520.3553	0.0220	0.0000	520.9041
Total	0.2718	1.2808	2.4781	6.0600e-003		0.0460	0.0460		0.0460	0.0460	0.0000	520.3553	520.3553	0.0220	0.0000	520.9041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2400e-003	1.8800e-003	0.0303	1.1000e-004	0.0158	5.0000e-005	0.0159	4.2100e-003	4.0000e-005	4.2500e-003	0.0000	10.4882	10.4882	1.8000e-004	2.4000e-004	10.5638
Total	3.2400e-003	1.8800e-003	0.0303	1.1000e-004	0.0158	5.0000e-005	0.0159	4.2100e-003	4.0000e-005	4.2500e-003	0.0000	10.4882	10.4882	1.8000e-004	2.4000e-004	10.5638

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2033

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	0.2697	1.2710	2.4592	6.0100e-003		0.0456	0.0456		0.0456	0.0456	0.0000	516.3838	516.3838	0.0218	0.0000	516.9284
Total	0.2697	1.2710	2.4592	6.0100e-003		0.0456	0.0456		0.0456	0.0456	0.0000	516.3838	516.3838	0.0218	0.0000	516.9284

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0200e-003	1.7600e-003	0.0291	1.0000e-004	0.0157	4.0000e-005	0.0158	4.1800e-003	4.0000e-005	4.2200e-003	0.0000	10.2894	10.2894	1.7000e-004	2.3000e-004	10.3622
Total	3.0200e-003	1.7600e-003	0.0291	1.0000e-004	0.0157	4.0000e-005	0.0158	4.1800e-003	4.0000e-005	4.2200e-003	0.0000	10.2894	10.2894	1.7000e-004	2.3000e-004	10.3622

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2033

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	0.2697	1.2710	2.4592	6.0100e-003		0.0456	0.0456		0.0456	0.0456	0.0000	516.3831	516.3831	0.0218	0.0000	516.9278
Total	0.2697	1.2710	2.4592	6.0100e-003		0.0456	0.0456		0.0456	0.0456	0.0000	516.3831	516.3831	0.0218	0.0000	516.9278

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0200e-003	1.7600e-003	0.0291	1.0000e-004	0.0157	4.0000e-005	0.0158	4.1800e-003	4.0000e-005	4.2200e-003	0.0000	10.2894	10.2894	1.7000e-004	2.3000e-004	10.3622
Total	3.0200e-003	1.7600e-003	0.0291	1.0000e-004	0.0157	4.0000e-005	0.0158	4.1800e-003	4.0000e-005	4.2200e-003	0.0000	10.2894	10.2894	1.7000e-004	2.3000e-004	10.3622

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2034

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	0.2697	1.2710	2.4592	6.0100e-003		0.0456	0.0456		0.0456	0.0456	0.0000	516.3838	516.3838	0.0218	0.0000	516.9284
Total	0.2697	1.2710	2.4592	6.0100e-003		0.0456	0.0456		0.0456	0.0456	0.0000	516.3838	516.3838	0.0218	0.0000	516.9284

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	2.8400e-003	1.6700e-003	0.0283	1.0000e-004	0.0157	4.0000e-005	0.0158	4.1800e-003	4.0000e-005	4.2100e-003	0.0000	10.1848	10.1848	1.6000e-004	2.3000e-004	10.2559
Total	2.8400e-003	1.6700e-003	0.0283	1.0000e-004	0.0157	4.0000e-005	0.0158	4.1800e-003	4.0000e-005	4.2100e-003	0.0000	10.1848	10.1848	1.6000e-004	2.3000e-004	10.2559

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2034

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	0.2697	1.2710	2.4592	6.0100e-003		0.0456	0.0456		0.0456	0.0456	0.0000	516.3831	516.3831	0.0218	0.0000	516.9278
Total	0.2697	1.2710	2.4592	6.0100e-003		0.0456	0.0456		0.0456	0.0456	0.0000	516.3831	516.3831	0.0218	0.0000	516.9278

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	2.8400e-003	1.6700e-003	0.0283	1.0000e-004	0.0157	4.0000e-005	0.0158	4.1800e-003	4.0000e-005	4.2100e-003	0.0000	10.1848	10.1848	1.6000e-004	2.3000e-004	10.2559
Total	2.8400e-003	1.6700e-003	0.0283	1.0000e-004	0.0157	4.0000e-005	0.0158	4.1800e-003	4.0000e-005	4.2100e-003	0.0000	10.1848	10.1848	1.6000e-004	2.3000e-004	10.2559

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2035

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	0.2390	0.9014	2.4412	6.0300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	518.3698	518.3698	0.0189	0.0000	518.8431
Total	0.2390	0.9014	2.4412	6.0300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	518.3698	518.3698	0.0189	0.0000	518.8431

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	2.6900e-003	1.6100e-003	0.0276	1.0000e-004	0.0158	4.0000e-005	0.0158	4.1900e-003	4.0000e-005	4.2300e-003	0.0000	10.1337	10.1337	1.5000e-004	2.2000e-004	10.2036
Total	2.6900e-003	1.6100e-003	0.0276	1.0000e-004	0.0158	4.0000e-005	0.0158	4.1900e-003	4.0000e-005	4.2300e-003	0.0000	10.1337	10.1337	1.5000e-004	2.2000e-004	10.2036

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2035

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	0.2390	0.9014	2.4412	6.0300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	518.3692	518.3692	0.0189	0.0000	518.8425
Total	0.2390	0.9014	2.4412	6.0300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	518.3692	518.3692	0.0189	0.0000	518.8425

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	2.6900e-003	1.6100e-003	0.0276	1.0000e-004	0.0158	4.0000e-005	0.0158	4.1900e-003	4.0000e-005	4.2300e-003	0.0000	10.1337	10.1337	1.5000e-004	2.2000e-004	10.2036
Total	2.6900e-003	1.6100e-003	0.0276	1.0000e-004	0.0158	4.0000e-005	0.0158	4.1900e-003	4.0000e-005	4.2300e-003	0.0000	10.1337	10.1337	1.5000e-004	2.2000e-004	10.2036

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2036

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	0.2399	0.9048	2.4506	6.0600e-003		0.0297	0.0297		0.0297	0.0297	0.0000	520.3559	520.3559	0.0190	0.0000	520.8310
Total	0.2399	0.9048	2.4506	6.0600e-003		0.0297	0.0297		0.0297	0.0297	0.0000	520.3559	520.3559	0.0190	0.0000	520.8310

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	2.7000e-003	1.6100e-003	0.0278	1.0000e-004	0.0158	4.0000e-005	0.0159	4.2100e-003	4.0000e-005	4.2400e-003	0.0000	10.1725	10.1725	1.5000e-004	2.2000e-004	10.2427
Total	2.7000e-003	1.6100e-003	0.0278	1.0000e-004	0.0158	4.0000e-005	0.0159	4.2100e-003	4.0000e-005	4.2400e-003	0.0000	10.1725	10.1725	1.5000e-004	2.2000e-004	10.2427

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2036

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	0.2399	0.9048	2.4506	6.0600e-003		0.0297	0.0297		0.0297	0.0297	0.0000	520.3553	520.3553	0.0190	0.0000	520.8304
Total	0.2399	0.9048	2.4506	6.0600e-003		0.0297	0.0297		0.0297	0.0297	0.0000	520.3553	520.3553	0.0190	0.0000	520.8304

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	2.7000e-003	1.6100e-003	0.0278	1.0000e-004	0.0158	4.0000e-005	0.0159	4.2100e-003	4.0000e-005	4.2400e-003	0.0000	10.1725	10.1725	1.5000e-004	2.2000e-004	10.2427
Total	2.7000e-003	1.6100e-003	0.0278	1.0000e-004	0.0158	4.0000e-005	0.0159	4.2100e-003	4.0000e-005	4.2400e-003	0.0000	10.1725	10.1725	1.5000e-004	2.2000e-004	10.2427

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2037

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	0.2390	0.9014	2.4412	6.0300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	518.3698	518.3698	0.0189	0.0000	518.8431
Total	0.2390	0.9014	2.4412	6.0300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	518.3698	518.3698	0.0189	0.0000	518.8431

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	2.6900e-003	1.6100e-003	0.0276	1.0000e-004	0.0158	4.0000e-005	0.0158	4.1900e-003	4.0000e-005	4.2300e-003	0.0000	10.1337	10.1337	1.5000e-004	2.2000e-004	10.2036
Total	2.6900e-003	1.6100e-003	0.0276	1.0000e-004	0.0158	4.0000e-005	0.0158	4.1900e-003	4.0000e-005	4.2300e-003	0.0000	10.1337	10.1337	1.5000e-004	2.2000e-004	10.2036

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2037

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	0.2390	0.9014	2.4412	6.0300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	518.3692	518.3692	0.0189	0.0000	518.8425
Total	0.2390	0.9014	2.4412	6.0300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	518.3692	518.3692	0.0189	0.0000	518.8425

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	2.6900e-003	1.6100e-003	0.0276	1.0000e-004	0.0158	4.0000e-005	0.0158	4.1900e-003	4.0000e-005	4.2300e-003	0.0000	10.1337	10.1337	1.5000e-004	2.2000e-004	10.2036
Total	2.6900e-003	1.6100e-003	0.0276	1.0000e-004	0.0158	4.0000e-005	0.0158	4.1900e-003	4.0000e-005	4.2300e-003	0.0000	10.1337	10.1337	1.5000e-004	2.2000e-004	10.2036

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2038

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	0.2390	0.9014	2.4412	6.0300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	518.3698	518.3698	0.0189	0.0000	518.8431
Total	0.2390	0.9014	2.4412	6.0300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	518.3698	518.3698	0.0189	0.0000	518.8431

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	2.6900e-003	1.6100e-003	0.0276	1.0000e-004	0.0158	4.0000e-005	0.0158	4.1900e-003	4.0000e-005	4.2300e-003	0.0000	10.1337	10.1337	1.5000e-004	2.2000e-004	10.2036
Total	2.6900e-003	1.6100e-003	0.0276	1.0000e-004	0.0158	4.0000e-005	0.0158	4.1900e-003	4.0000e-005	4.2300e-003	0.0000	10.1337	10.1337	1.5000e-004	2.2000e-004	10.2036

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2038

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	0.2390	0.9014	2.4412	6.0300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	518.3692	518.3692	0.0189	0.0000	518.8425
Total	0.2390	0.9014	2.4412	6.0300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	518.3692	518.3692	0.0189	0.0000	518.8425

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	2.6900e-003	1.6100e-003	0.0276	1.0000e-004	0.0158	4.0000e-005	0.0158	4.1900e-003	4.0000e-005	4.2300e-003	0.0000	10.1337	10.1337	1.5000e-004	2.2000e-004	10.2036
Total	2.6900e-003	1.6100e-003	0.0276	1.0000e-004	0.0158	4.0000e-005	0.0158	4.1900e-003	4.0000e-005	4.2300e-003	0.0000	10.1337	10.1337	1.5000e-004	2.2000e-004	10.2036

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2039

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	0.2381	0.8979	2.4319	6.0100e-003		0.0295	0.0295		0.0295	0.0295	0.0000	516.3838	516.3838	0.0189	0.0000	516.8552
Total	0.2381	0.8979	2.4319	6.0100e-003		0.0295	0.0295		0.0295	0.0295	0.0000	516.3838	516.3838	0.0189	0.0000	516.8552

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	2.6800e-003	1.6000e-003	0.0275	1.0000e-004	0.0157	4.0000e-005	0.0158	4.1800e-003	4.0000e-005	4.2100e-003	0.0000	10.0948	10.0948	1.5000e-004	2.2000e-004	10.1645
Total	2.6800e-003	1.6000e-003	0.0275	1.0000e-004	0.0157	4.0000e-005	0.0158	4.1800e-003	4.0000e-005	4.2100e-003	0.0000	10.0948	10.0948	1.5000e-004	2.2000e-004	10.1645

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2039

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	0.2381	0.8979	2.4319	6.0100e-003		0.0295	0.0295		0.0295	0.0295	0.0000	516.3831	516.3831	0.0189	0.0000	516.8546
Total	0.2381	0.8979	2.4319	6.0100e-003		0.0295	0.0295		0.0295	0.0295	0.0000	516.3831	516.3831	0.0189	0.0000	516.8546

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	2.6800e-003	1.6000e-003	0.0275	1.0000e-004	0.0157	4.0000e-005	0.0158	4.1800e-003	4.0000e-005	4.2100e-003	0.0000	10.0948	10.0948	1.5000e-004	2.2000e-004	10.1645
Total	2.6800e-003	1.6000e-003	0.0275	1.0000e-004	0.0157	4.0000e-005	0.0158	4.1800e-003	4.0000e-005	4.2100e-003	0.0000	10.0948	10.0948	1.5000e-004	2.2000e-004	10.1645

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2040

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	0.0662	0.2070	0.7246	1.8000e-003		6.3500e-003	6.3500e-003		6.3500e-003	6.3500e-003	0.0000	154.9151	154.9151	5.2500e-003	0.0000	155.0464
Total	0.0662	0.2070	0.7246	1.8000e-003		6.3500e-003	6.3500e-003		6.3500e-003	6.3500e-003	0.0000	154.9151	154.9151	5.2500e-003	0.0000	155.0464

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	6.3000e-004	4.2000e-004	7.5300e-003	3.0000e-005	4.7200e-003	1.0000e-005	4.7300e-003	1.2500e-003	1.0000e-005	1.2600e-003	0.0000	2.9389	2.9389	4.0000e-005	6.0000e-005	2.9585
Total	6.3000e-004	4.2000e-004	7.5300e-003	3.0000e-005	4.7200e-003	1.0000e-005	4.7300e-003	1.2500e-003	1.0000e-005	1.2600e-003	0.0000	2.9389	2.9389	4.0000e-005	6.0000e-005	2.9585

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

3.2 Demolition - 2040

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	0.0662	0.2070	0.7246	1.8000e-003		6.3500e-003	6.3500e-003		6.3500e-003	6.3500e-003	0.0000	154.9149	154.9149	5.2500e-003	0.0000	155.0462
Total	0.0662	0.2070	0.7246	1.8000e-003		6.3500e-003	6.3500e-003		6.3500e-003	6.3500e-003	0.0000	154.9149	154.9149	5.2500e-003	0.0000	155.0462

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	6.3000e-004	4.2000e-004	7.5300e-003	3.0000e-005	4.7200e-003	1.0000e-005	4.7300e-003	1.2500e-003	1.0000e-005	1.2600e-003	0.0000	2.9389	2.9389	4.0000e-005	6.0000e-005	2.9585
Total	6.3000e-004	4.2000e-004	7.5300e-003	3.0000e-005	4.7200e-003	1.0000e-005	4.7300e-003	1.2500e-003	1.0000e-005	1.2600e-003	0.0000	2.9389	2.9389	4.0000e-005	6.0000e-005	2.9585

4.0 Operational Detail - Mobile

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

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	347.1149	497.0342	3,376.6918	7.0741	970.2198	4.7206	974.9404	258.8930	4.4428	263.3358	0.0000	711,666.1973	711,666.1973	37.4229	37.5856	723,802.2783
Unmitigated	347.1149	497.0342	3,376.6918	7.0741	970.2198	4.7206	974.9404	258.8930	4.4428	263.3358	0.0000	711,666.1973	711,666.1973	37.4229	37.5856	723,802.2783

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	91,469.08	82,771.10	68742.10	247,033,070	247,033,070
City Park	6,551.97	16,449.62	18261.87	20,577,340	20,577,340
General Heavy Industry	37,891.59	61,814.66	48970.06	125,223,111	125,223,111
General Light Industry	148.70	59.38	149.70	397,300	397,300
Library	33,839.28	37,612.24	19765.02	54,858,555	54,858,555
Single Family Housing	258,945.00	261,690.00	234697.50	726,710,636	726,710,636
Strip Mall	992,771.84	941,621.13	457742.87	1,399,939,143	1,399,939,143
Total	1,421,617.46	1,402,018.15	848,329.12	2,574,739,156	2,574,739,156

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	7.30	7.50	40.20	19.20	40.60	86	11	3
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Library	9.50	7.30	7.30	52.00	43.00	5.00	44	44	12
Single Family Housing	10.80	7.30	7.50	40.20	19.20	40.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990
City Park	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990
General Heavy Industry	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990
General Light Industry	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990
Library	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990
Single Family Housing	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990
Strip Mall	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	194,421.9511	194,421.9511	16.4099	1.9891	195,424.9412
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	194,421.9511	194,421.9511	16.4099	1.9891	195,424.9412
NaturalGas Mitigated	12.5411	109.0169	59.1522	0.6841		8.6648	8.6648		8.6648	8.6648	0.0000	124,113.8228	124,113.8228	2.3789	2.2754	124,851.3692
NaturalGas Unmitigated	12.5411	109.0169	59.1522	0.6841		8.6648	8.6648		8.6648	8.6648	0.0000	124,113.8228	124,113.8228	2.3789	2.2754	124,851.3692

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	4.03535e+008	2.1759	18.5943	7.9125	0.1187		1.5034	1.5034		1.5034	1.5034	0.0000	21,534.1604	21,534.1604	0.4127	0.3948	21,662.1272
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	5.19083e+008	2.7990	25.4452	21.3740	0.1527		1.9338	1.9338		1.9338	1.9338	0.0000	27,700.2256	27,700.2256	0.5309	0.5078	27,864.8342
General Light Industry	1.61327e+006	8.7000e-003	0.0791	0.0664	4.7000e-004		6.0100e-003	6.0100e-003		6.0100e-003	6.0100e-003	0.0000	86.0901	86.0901	1.6500e-003	1.5800e-003	86.6017
Library	2.53071e+007	0.1365	1.2405	1.0421	7.4400e-003		0.0943	0.0943		0.0943	0.0943	0.0000	1,350.4806	1,350.4806	0.0259	0.0248	1,358.5059
Single Family Housing	1.29413e+009	6.9781	59.6314	25.3751	0.3806		4.8213	4.8213		4.8213	4.8213	0.0000	69,059.5720	69,059.5720	1.3236	1.2661	69,469.9585
Strip Mall	8.21398e+007	0.4429	4.0265	3.3822	0.0242		0.3060	0.3060		0.3060	0.3060	0.0000	4,383.2941	4,383.2941	0.0840	0.0804	4,409.3418
Total		12.5411	109.0169	59.1522	0.6841		8.6648	8.6648		8.6648	8.6648	0.0000	124,113.8228	124,113.8228	2.3788	2.2754	124,851.3692

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	tons/yr										MT/yr					
Apartments Mid Rise	4.03535e+008	2.1759	18.5943	7.9125	0.1187		1.5034	1.5034		1.5034	1.5034	0.0000	21,534.1604	21,534.1604	0.4127	0.3948	21,662.1272
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	5.19083e+008	2.7990	25.4452	21.3740	0.1527		1.9338	1.9338		1.9338	1.9338	0.0000	27,700.2256	27,700.2256	0.5309	0.5078	27,864.8342
General Light Industry	1.61327e+006	8.7000e-003	0.0791	0.0664	4.7000e-004		6.0100e-003	6.0100e-003		6.0100e-003	6.0100e-003	0.0000	86.0901	86.0901	1.6500e-003	1.5800e-003	86.6017
Library	2.53071e+007	0.1365	1.2405	1.0421	7.4400e-003		0.0943	0.0943		0.0943	0.0943	0.0000	1,350.4806	1,350.4806	0.0259	0.0248	1,358.5059
Single Family Housing	1.29413e+009	6.9781	59.6314	25.3751	0.3806		4.8213	4.8213		4.8213	4.8213	0.0000	69,059.5720	69,059.5720	1.3236	1.2661	69,469.9585
Strip Mall	8.21398e+007	0.4429	4.0265	3.3822	0.0242		0.3060	0.3060		0.3060	0.3060	0.0000	4,383.2941	4,383.2941	0.0840	0.0804	4,409.3418
Total		12.5411	109.0169	59.1522	0.6841		8.6648	8.6648		8.6648	8.6648	0.0000	124,113.8228	124,113.8228	2.3788	2.2754	124,851.3692

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.1111e+008	19,704.8565	1.6632	0.2016	19,806.5105
City Park	0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	1.59273e+008	28,246.3764	2.3841	0.2890	28,392.0947
General Light Industry	495008	87.7875	7.4100e-003	9.0000e-004	88.2403
Library	7.76511e+006	1,377.1073	0.1162	0.0141	1,384.2116
Single Family Housing	3.64383e+008	64,621.7362	5.4543	0.6611	64,955.1089
Strip Mall	4.53263e+008	80,384.0872	6.7847	0.8224	80,798.7751
Total		194,421.9511	16.4099	1.9891	195,424.9412

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.1111e+008	19,704.8565	1.6632	0.2016	19,806.5105
City Park	0	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	1.59273e+008	28,246.3764	2.3841	0.2890	28,392.0947
General Light Industry	495008	87.7875	7.4100e-003	9.0000e-004	88.2403
Library	7.76511e+006	1,377.1073	0.1162	0.0141	1,384.2116
Single Family Housing	3.64383e+008	64,621.7362	5.4543	0.6611	64,955.1089
Strip Mall	4.53263e+008	80,384.0872	6.7847	0.8224	80,798.7751
Total		194,421.9511	16.4099	1.9891	195,424.9412

6.0 Area Detail

6.1 Mitigation Measures Area

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2,898.6995	48.9997	3,236.9630	5.2804		386.2552	386.2552		386.2552	386.2552	38,092.8700	14,493.6187	52,586.4888	57.2815	2.5503	54,778.5183
Unmitigated	2,898.6995	48.9997	3,236.9630	5.2804		386.2552	386.2552		386.2552	386.2552	38,092.8700	14,493.6187	52,586.4888	57.2815	2.5503	54,778.5183

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	235.5456					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	648.6826					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1,998.0951	42.6962	2,690.7153	5.2514		383.2138	383.2138		383.2138	383.2138	38,092.8700	13,597.1987	51,690.0687	56.4263	2.5503	53,860.7176
Landscaping	16.3762	6.3035	546.2477	0.0290		3.0413	3.0413		3.0413	3.0413	0.0000	896.4201	896.4201	0.8552	0.0000	917.8007
Total	2,898.6995	48.9997	3,236.9630	5.2804		386.2552	386.2552		386.2552	386.2552	38,092.8700	14,493.6187	52,586.4888	57.2815	2.5503	54,778.5183

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	235.5456					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	648.6826					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1,998.0951	42.6962	2,690.7153	5.2514		383.2138	383.2138		383.2138	383.2138	38,092.8700	13,597.1987	51,690.0687	56.4263	2.5503	53,860.7176
Landscaping	16.3762	6.3035	546.2477	0.0290		3.0413	3.0413		3.0413	3.0413	0.0000	896.4201	896.4201	0.8552	0.0000	917.8007
Total	2,898.6995	48.9997	3,236.9630	5.2804		386.2552	386.2552		386.2552	386.2552	38,092.8700	14,493.6187	52,586.4888	57.2815	2.5503	54,778.5183

7.0 Water Detail

7.1 Mitigation Measures Water

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	71,855.51 32	374.7353	9.4107	84,028.27 02
Unmitigated	71,855.51 32	374.7353	9.4107	84,028.27 02

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	1828.09 / 1152.49	7,072.1947	60.1164	1.4730	9,014.0454
City Park	0 / 16609.7	32,726.2939	2.7622	0.3348	32,895.1233
General Heavy Industry	3712.9 / 0	9,751.8311	121.7087	2.9444	13,671.9900
General Light Industry	11.5394 / 0	30.3078	0.3783	9.1500e-003	42.4913
Library	24.492 / 38.308	139.8062	0.8092	0.0202	166.0548
Single Family Housing	2980.8 / 1879.2	11,531.5742	98.0228	2.4017	14,697.8608
Strip Mall	2765.59 / 1695.04	10,603.5053	90.9378	2.2274	13,540.7046
Total		71,855.5132	374.7354	9.4107	84,028.2702

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	1828.09 / 1152.49	7,072.1947	60.1164	1.4730	9,014.0454
City Park	0 / 16609.7	32,726.2939	2.7622	0.3348	32,895.1233
General Heavy Industry	3712.9 / 0	9,751.8311	121.7087	2.9444	13,671.9900
General Light Industry	11.5394 / 0	30.3078	0.3783	9.1500e-003	42.4913
Library	24.492 / 38.308	139.8062	0.8092	0.0202	166.0548
Single Family Housing	2980.8 / 1879.2	11,531.5742	98.0228	2.4017	14,697.8608
Strip Mall	2765.59 / 1695.04	10,603.5053	90.9378	2.2274	13,540.7046
Total		71,855.5132	374.7354	9.4107	84,028.2702

8.0 Waste Detail

8.1 Mitigation Measures Waste

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	25,911.19	1,531.307	0.0000	64,193.89
	76	9		53
Unmitigated	25,911.19	1,531.307	0.0000	64,193.89
	76	9		53

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	12906.7	2,619.9394	154.8340	0.0000	6,490.7890
City Park	1198.87	243.3598	14.3822	0.0000	602.9135
General Heavy Industry	19909.2	4,041.3857	238.8391	0.0000	10,012.3619
General Light Industry	61.88	12.5611	0.7423	0.0000	31.1196
Library	720.86	146.3281	8.6477	0.0000	362.5216
Single Family Housing	53646.4	10,889.7445	643.5655	0.0000	26,978.8812
Strip Mall	39203.1	7,957.8791	470.2972	0.0000	19,715.3086
Total		25,911.1976	1,531.3079	0.0000	64,193.8953

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	12906.7	2,619.9394	154.8340	0.0000	6,490.7890
City Park	1198.87	243.3598	14.3822	0.0000	602.9135
General Heavy Industry	19909.2	4,041.3857	238.8391	0.0000	10,012.3619
General Light Industry	61.88	12.5611	0.7423	0.0000	31.1196
Library	720.86	146.3281	8.6477	0.0000	362.5216
Single Family Housing	53646.4	10,889.7445	643.5655	0.0000	26,978.8812
Strip Mall	39203.1	7,957.8791	470.2972	0.0000	19,715.3086
Total		25,911.1976	1,531.3079	0.0000	64,193.8953

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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Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Annual

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

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

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

Victorville GPU - Proposed Operation

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	45,750.00	Dwelling Unit	4,000.00	82,350,000.00	130845
Apartments Mid Rise	28,058.00	Dwelling Unit	738.37	28,058,000.00	80246
Strip Mall	37,336.29	1000sqft	857.12	37,336,286.00	0
General Light Industry	49.90	1000sqft	1.15	49,900.00	0
General Heavy Industry	16,055.76	1000sqft	368.59	16,055,757.00	0
Library	782.77	1000sqft	17.97	782,773.00	0
City Park	13,940.36	Acre	4,000.00	607,242,081.60	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	31
Climate Zone	10			Operational Year	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Assumptions from

Construction Phase - Revised to get it to 2040 horizon year

Woodstoves - Adjusted to be same as existing

Vehicle Trips - Adjusted to match TIA VMT

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10,000.00	4,600.00
tblConstructionPhase	PhaseEndDate	12/29/2060	4/18/2040
tblFireplaces	NumberGas	15,431.90	0.00
tblFireplaces	NumberGas	25,162.50	17,263.00
tblFireplaces	NumberNoFireplace	2,805.80	28,058.00
tblFireplaces	NumberNoFireplace	4,575.00	3,138.00
tblFireplaces	NumberWood	9,820.30	0.00
tblFireplaces	NumberWood	16,012.50	10,986.00
tblLandUse	LandUseSquareFeet	37,336,300.00	37,336,286.00
tblLandUse	LandUseSquareFeet	16,055,800.00	16,055,757.00
tblLandUse	LandUseSquareFeet	607,243,824.00	607,242,081.60
tblLandUse	LotAcreage	14,853.90	4,000.00
tblLandUse	LotAcreage	13,940.40	4,000.00
tblVehicleTrips	ST_TR	4.91	2.95
tblVehicleTrips	ST_TR	1.96	1.18
tblVehicleTrips	ST_TR	6.42	3.85
tblVehicleTrips	ST_TR	1.99	1.19
tblVehicleTrips	ST_TR	80.09	48.05
tblVehicleTrips	ST_TR	9.54	5.72
tblVehicleTrips	ST_TR	42.04	25.22
tblVehicleTrips	SU_TR	4.09	2.45
tblVehicleTrips	SU_TR	2.19	1.31
tblVehicleTrips	SU_TR	5.09	3.05
tblVehicleTrips	SU_TR	5.00	3.00
tblVehicleTrips	SU_TR	42.09	25.25
tblVehicleTrips	SU_TR	8.55	5.13
tblVehicleTrips	SU_TR	20.43	12.26
tblVehicleTrips	WD_TR	5.44	3.26

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

tblVehicleTrips	WD_TR	0.78	0.47
tblVehicleTrips	WD_TR	3.93	2.36
tblVehicleTrips	WD_TR	4.96	2.98
tblVehicleTrips	WD_TR	72.05	43.23
tblVehicleTrips	WD_TR	9.44	5.66
tblVehicleTrips	WD_TR	44.32	26.59
tblWoodstoves	NumberCatalytic	2,287.50	1,569.00
tblWoodstoves	NumberNoncatalytic	2,287.50	1,569.00

2.0 Emissions Summary

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					
2022	2.6986	25.7535	21.0783	0.0400	0.1232	1.2433	1.3665	0.0327	1.1559	1.1885	0.0000	3,865.0359	3,865.0359	1.0560	3.2700e-003	3,892.4127
2023	2.3239	21.5145	20.0861	0.0400	0.1232	0.9982	1.1214	0.0327	0.9286	0.9612	0.0000	3,862.1046	3,862.1046	1.0526	3.0200e-003	3,889.3187
2024	2.2945	20.9048	20.1152	0.0399	0.1232	0.9607	1.0840	0.0327	0.8927	0.9254	0.0000	3,859.6893	3,859.6893	1.0514	2.7900e-003	3,886.8058
2025	2.1398	19.2204	19.7967	0.0399	0.1232	0.8533	0.9765	0.0327	0.7925	0.8252	0.0000	3,857.0951	3,857.0951	1.0491	2.6000e-003	3,884.0967
2026	2.1367	19.2181	19.7720	0.0399	0.1232	0.8533	0.9765	0.0327	0.7925	0.8251	0.0000	3,854.5005	3,854.5005	1.0488	2.4400e-003	3,881.4488
2027	2.1338	19.2161	19.7509	0.0398	0.1232	0.8533	0.9765	0.0327	0.7924	0.8251	0.0000	3,852.1542	3,852.1542	1.0486	2.3100e-003	3,879.0573
2028	2.1312	19.2144	19.7333	0.0398	0.1232	0.8532	0.9764	0.0327	0.7924	0.8251	0.0000	3,850.0862	3,850.0862	1.0484	2.2000e-003	3,876.9513
2029	2.1287	19.2130	19.7180	0.0398	0.1232	0.8532	0.9764	0.0327	0.7924	0.8251	0.0000	3,848.2481	3,848.2481	1.0483	2.1000e-003	3,875.0807

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	2.1084	9.7922	19.2034	0.0472	0.1232	0.3515	0.4747	0.0327	0.3515	0.3841	0.0000	4,477.6248	4,477.6248	0.1864	2.0200e-003	4,482.8869
2031	2.1061	9.7911	19.1932	0.0471	0.1232	0.3515	0.4747	0.0327	0.3514	0.3841	0.0000	4,476.2500	4,476.2500	0.1863	1.9500e-003	4,481.4882
2032	2.1040	9.7902	19.1832	0.0471	0.1232	0.3514	0.4747	0.0327	0.3514	0.3841	0.0000	4,475.0003	4,475.0003	0.1862	1.8900e-003	4,480.2183
2033	2.1021	9.7894	19.1746	0.0471	0.1232	0.3514	0.4746	0.0327	0.3514	0.3841	0.0000	4,473.9016	4,473.9016	0.1861	1.8400e-003	4,479.1027
2034	2.1005	9.7888	19.1670	0.0471	0.1232	0.3514	0.4746	0.0327	0.3514	0.3841	0.0000	4,472.9352	4,472.9352	0.1860	1.8000e-003	4,478.1222
2035	1.8555	6.9183	18.9504	0.0471	0.1232	0.2270	0.3503	0.0327	0.2270	0.2597	0.0000	4,472.1035	4,472.1035	0.1611	1.7700e-003	4,476.6586
2036	1.8555	6.9183	18.9504	0.0471	0.1232	0.2270	0.3503	0.0327	0.2270	0.2597	0.0000	4,472.1035	4,472.1035	0.1611	1.7700e-003	4,476.6586
2037	1.8555	6.9183	18.9504	0.0471	0.1232	0.2270	0.3503	0.0327	0.2270	0.2597	0.0000	4,472.1035	4,472.1035	0.1611	1.7700e-003	4,476.6586
2038	1.8555	6.9183	18.9504	0.0471	0.1232	0.2270	0.3503	0.0327	0.2270	0.2597	0.0000	4,472.1035	4,472.1035	0.1611	1.7700e-003	4,476.6586
2039	1.8555	6.9183	18.9504	0.0471	0.1232	0.2270	0.3503	0.0327	0.2270	0.2597	0.0000	4,472.1035	4,472.1035	0.1611	1.7700e-003	4,476.6586
2040	1.7170	5.3162	18.8006	0.0470	0.1232	0.1631	0.2863	0.0327	0.1631	0.1958	0.0000	4,469.3451	4,469.3451	0.1493	1.6800e-003	4,473.5787
Maximum	2.6986	25.7535	21.0783	0.0472	0.1232	1.2433	1.3665	0.0327	1.1559	1.1885	0.0000	4,477.6248	4,477.6248	1.0560	3.2700e-003	4,482.8869

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	2.6986	25.7535	21.0783	0.0400	0.1232	1.2433	1.3665	0.0327	1.1559	1.1885	0.0000	3,865.0359	3,865.0359	1.0560	3.2700e-003	3,892.4127
2023	2.3239	21.5145	20.0861	0.0400	0.1232	0.9982	1.1214	0.0327	0.9286	0.9612	0.0000	3,862.1046	3,862.1046	1.0526	3.0200e-003	3,889.3187
2024	2.2945	20.9048	20.1152	0.0399	0.1232	0.9607	1.0840	0.0327	0.8927	0.9254	0.0000	3,859.6893	3,859.6893	1.0514	2.7900e-003	3,886.8058
2025	2.1398	19.2204	19.7967	0.0399	0.1232	0.8533	0.9765	0.0327	0.7925	0.8252	0.0000	3,857.0951	3,857.0951	1.0491	2.6000e-003	3,884.0967
2026	2.1367	19.2181	19.7720	0.0399	0.1232	0.8533	0.9765	0.0327	0.7925	0.8251	0.0000	3,854.5005	3,854.5005	1.0488	2.4400e-003	3,881.4488
2027	2.1338	19.2161	19.7509	0.0398	0.1232	0.8533	0.9765	0.0327	0.7924	0.8251	0.0000	3,852.1542	3,852.1542	1.0486	2.3100e-003	3,879.0573
2028	2.1312	19.2144	19.7333	0.0398	0.1232	0.8532	0.9764	0.0327	0.7924	0.8251	0.0000	3,850.0862	3,850.0862	1.0484	2.2000e-003	3,876.9513
2029	2.1287	19.2130	19.7180	0.0398	0.1232	0.8532	0.9764	0.0327	0.7924	0.8251	0.0000	3,848.2481	3,848.2481	1.0483	2.1000e-003	3,875.0807
2030	2.1084	9.7922	19.2034	0.0472	0.1232	0.3515	0.4747	0.0327	0.3515	0.3841	0.0000	4,477.6248	4,477.6248	0.1864	2.0200e-003	4,482.8869
2031	2.1061	9.7911	19.1932	0.0471	0.1232	0.3515	0.4747	0.0327	0.3514	0.3841	0.0000	4,476.2500	4,476.2500	0.1863	1.9500e-003	4,481.4882
2032	2.1040	9.7902	19.1832	0.0471	0.1232	0.3514	0.4747	0.0327	0.3514	0.3841	0.0000	4,475.0003	4,475.0003	0.1862	1.8900e-003	4,480.2183
2033	2.1021	9.7894	19.1746	0.0471	0.1232	0.3514	0.4746	0.0327	0.3514	0.3841	0.0000	4,473.9016	4,473.9016	0.1861	1.8400e-003	4,479.1027
2034	2.1005	9.7888	19.1670	0.0471	0.1232	0.3514	0.4746	0.0327	0.3514	0.3841	0.0000	4,472.9352	4,472.9352	0.1860	1.8000e-003	4,478.1222
2035	1.8555	6.9183	18.9504	0.0471	0.1232	0.2270	0.3503	0.0327	0.2270	0.2597	0.0000	4,472.1035	4,472.1035	0.1611	1.7700e-003	4,476.6586
2036	1.8555	6.9183	18.9504	0.0471	0.1232	0.2270	0.3503	0.0327	0.2270	0.2597	0.0000	4,472.1035	4,472.1035	0.1611	1.7700e-003	4,476.6586
2037	1.8555	6.9183	18.9504	0.0471	0.1232	0.2270	0.3503	0.0327	0.2270	0.2597	0.0000	4,472.1035	4,472.1035	0.1611	1.7700e-003	4,476.6586
2038	1.8555	6.9183	18.9504	0.0471	0.1232	0.2270	0.3503	0.0327	0.2270	0.2597	0.0000	4,472.1035	4,472.1035	0.1611	1.7700e-003	4,476.6586
2039	1.8555	6.9183	18.9504	0.0471	0.1232	0.2270	0.3503	0.0327	0.2270	0.2597	0.0000	4,472.1035	4,472.1035	0.1611	1.7700e-003	4,476.6586

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	53,761.07 06	1,111.409 4	71,696.62 09	128.4056		9,380.471 5	9,380.471 5		9,380.471 5	9,380.4715	1,024,151. 2563	376,548.6 780	1,400,699. 9343	1,527.531 4	68.5667	1,459,321. 0906
Energy	68.7184	597.3531	324.1217	3.7483		47.4782	47.4782		47.4782	47.4782		749,655.1 819	749,655.1 819	14.3684	13.7437	754,110.0 079
Mobile	2,649.056 3	2,773.357 3	21,115.38 68	45.4478	5,938.046 1	28.3751	5,966.421 2	1,582.183 6	26.7049	1,608.8886		5,045,615. 8398	5,045,615. 8398	234.9502	240.2546	5,123,085. 4595
Total	56,478.84 53	4,482.119 7	93,136.12 93	177.6017	5,938.046 1	9,456.324 8	15,394.37 08	1,582.183 6	9,454.654 6	11,036.838 2	1,024,151. 2563	6,171,819. 6998	7,195,970. 9561	1,776.850 0	322.5649	7,336,516. 5580

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	53,761.07 06	1,111.409 4	71,696.62 09	128.4056		9,380.471 5	9,380.471 5		9,380.471 5	9,380.4715	1,024,151. 2563	376,548.6 780	1,400,699. 9343	1,527.531 4	68.5667	1,459,321. 0906
Energy	68.7184	597.3531	324.1217	3.7483		47.4782	47.4782		47.4782	47.4782		749,655.1 819	749,655.1 819	14.3684	13.7437	754,110.0 079
Mobile	2,649.056 3	2,773.357 3	21,115.38 68	45.4478	5,938.046 1	28.3751	5,966.421 2	1,582.183 6	26.7049	1,608.8886		5,045,615. 8398	5,045,615. 8398	234.9502	240.2546	5,123,085. 4595
Total	56,478.84 53	4,482.119 7	93,136.12 93	177.6017	5,938.046 1	9,456.324 8	15,394.37 08	1,582.183 6	9,454.654 6	11,036.838 2	1,024,151. 2563	6,171,819. 6998	7,195,970. 9561	1,776.850 0	322.5649	7,336,516. 5580

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2022	4/18/2040	5	4600	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2022

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	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920

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	0.0594	0.0341	0.4842	1.1600e-003	0.1232	6.5000e-004	0.1239	0.0327	6.0000e-004	0.0333		118.2548	118.2548	3.6100e-003	3.2700e-003	119.3207
Total	0.0594	0.0341	0.4842	1.1600e-003	0.1232	6.5000e-004	0.1239	0.0327	6.0000e-004	0.0333		118.2548	118.2548	3.6100e-003	3.2700e-003	119.3207

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2022

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	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920

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	0.0594	0.0341	0.4842	1.1600e-003	0.1232	6.5000e-004	0.1239	0.0327	6.0000e-004	0.0333		118.2548	118.2548	3.6100e-003	3.2700e-003	119.3207
Total	0.0594	0.0341	0.4842	1.1600e-003	0.1232	6.5000e-004	0.1239	0.0327	6.0000e-004	0.0333		118.2548	118.2548	3.6100e-003	3.2700e-003	119.3207

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183

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	0.0548	0.0301	0.4428	1.1200e-003	0.1232	6.1000e-004	0.1238	0.0327	5.6000e-004	0.0333		115.1206	115.1206	3.2400e-003	3.0200e-003	116.1004
Total	0.0548	0.0301	0.4428	1.1200e-003	0.1232	6.1000e-004	0.1238	0.0327	5.6000e-004	0.0333		115.1206	115.1206	3.2400e-003	3.0200e-003	116.1004

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

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	0.0548	0.0301	0.4428	1.1200e-003	0.1232	6.1000e-004	0.1238	0.0327	5.6000e-004	0.0333		115.1206	115.1206	3.2400e-003	3.0200e-003	116.1004
Total	0.0548	0.0301	0.4428	1.1200e-003	0.1232	6.1000e-004	0.1238	0.0327	5.6000e-004	0.0333		115.1206	115.1206	3.2400e-003	3.0200e-003	116.1004

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 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	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345

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	0.0507	0.0266	0.4078	1.0900e-003	0.1232	5.8000e-004	0.1238	0.0327	5.3000e-004	0.0332		112.2666	112.2666	2.9100e-003	2.7900e-003	113.1713
Total	0.0507	0.0266	0.4078	1.0900e-003	0.1232	5.8000e-004	0.1238	0.0327	5.3000e-004	0.0332		112.2666	112.2666	2.9100e-003	2.7900e-003	113.1713

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 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	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345

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	0.0507	0.0266	0.4078	1.0900e-003	0.1232	5.8000e-004	0.1238	0.0327	5.3000e-004	0.0332		112.2666	112.2666	2.9100e-003	2.7900e-003	113.1713
Total	0.0507	0.0266	0.4078	1.0900e-003	0.1232	5.8000e-004	0.1238	0.0327	5.3000e-004	0.0332		112.2666	112.2666	2.9100e-003	2.7900e-003	113.1713

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 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	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606

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	0.0472	0.0238	0.3783	1.0500e-003	0.1232	5.5000e-004	0.1238	0.0327	5.1000e-004	0.0332		109.4956	109.4956	2.6200e-003	2.6000e-003	110.3361
Total	0.0472	0.0238	0.3783	1.0500e-003	0.1232	5.5000e-004	0.1238	0.0327	5.1000e-004	0.0332		109.4956	109.4956	2.6200e-003	2.6000e-003	110.3361

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 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	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

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	0.0472	0.0238	0.3783	1.0500e-003	0.1232	5.5000e-004	0.1238	0.0327	5.1000e-004	0.0332		109.4956	109.4956	2.6200e-003	2.6000e-003	110.3361
Total	0.0472	0.0238	0.3783	1.0500e-003	0.1232	5.5000e-004	0.1238	0.0327	5.1000e-004	0.0332		109.4956	109.4956	2.6200e-003	2.6000e-003	110.3361

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 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	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606

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	0.0441	0.0215	0.3536	1.0200e-003	0.1232	5.2000e-004	0.1237	0.0327	4.8000e-004	0.0332		106.9010	106.9010	2.3800e-003	2.4400e-003	107.6882
Total	0.0441	0.0215	0.3536	1.0200e-003	0.1232	5.2000e-004	0.1237	0.0327	4.8000e-004	0.0332		106.9010	106.9010	2.3800e-003	2.4400e-003	107.6882

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 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	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

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	0.0441	0.0215	0.3536	1.0200e-003	0.1232	5.2000e-004	0.1237	0.0327	4.8000e-004	0.0332		106.9010	106.9010	2.3800e-003	2.4400e-003	107.6882
Total	0.0441	0.0215	0.3536	1.0200e-003	0.1232	5.2000e-004	0.1237	0.0327	4.8000e-004	0.0332		106.9010	106.9010	2.3800e-003	2.4400e-003	107.6882

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 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	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606

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	0.0412	0.0195	0.3325	9.9000e-004	0.1232	4.9000e-004	0.1237	0.0327	4.5000e-004	0.0331		104.5547	104.5547	2.1600e-003	2.3100e-003	105.2967
Total	0.0412	0.0195	0.3325	9.9000e-004	0.1232	4.9000e-004	0.1237	0.0327	4.5000e-004	0.0331		104.5547	104.5547	2.1600e-003	2.3100e-003	105.2967

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 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	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

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	0.0412	0.0195	0.3325	9.9000e-004	0.1232	4.9000e-004	0.1237	0.0327	4.5000e-004	0.0331		104.5547	104.5547	2.1600e-003	2.3100e-003	105.2967
Total	0.0412	0.0195	0.3325	9.9000e-004	0.1232	4.9000e-004	0.1237	0.0327	4.5000e-004	0.0331		104.5547	104.5547	2.1600e-003	2.3100e-003	105.2967

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 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	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606

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	0.0386	0.0179	0.3149	9.6000e-004	0.1232	4.6000e-004	0.1237	0.0327	4.2000e-004	0.0331		102.4866	102.4866	1.9800e-003	2.2000e-003	103.1907
Total	0.0386	0.0179	0.3149	9.6000e-004	0.1232	4.6000e-004	0.1237	0.0327	4.2000e-004	0.0331		102.4866	102.4866	1.9800e-003	2.2000e-003	103.1907

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 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	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

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	0.0386	0.0179	0.3149	9.6000e-004	0.1232	4.6000e-004	0.1237	0.0327	4.2000e-004	0.0331		102.4866	102.4866	1.9800e-003	2.2000e-003	103.1907
Total	0.0386	0.0179	0.3149	9.6000e-004	0.1232	4.6000e-004	0.1237	0.0327	4.2000e-004	0.0331		102.4866	102.4866	1.9800e-003	2.2000e-003	103.1907

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2029

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	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606

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	0.0361	0.0164	0.2996	9.4000e-004	0.1232	4.3000e-004	0.1237	0.0327	3.9000e-004	0.0331		100.6485	100.6485	1.8200e-003	2.1000e-003	101.3201
Total	0.0361	0.0164	0.2996	9.4000e-004	0.1232	4.3000e-004	0.1237	0.0327	3.9000e-004	0.0331		100.6485	100.6485	1.8200e-003	2.1000e-003	101.3201

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2029

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	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

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	0.0361	0.0164	0.2996	9.4000e-004	0.1232	4.3000e-004	0.1237	0.0327	3.9000e-004	0.0331		100.6485	100.6485	1.8200e-003	2.1000e-003	101.3201
Total	0.0361	0.0164	0.2996	9.4000e-004	0.1232	4.3000e-004	0.1237	0.0327	3.9000e-004	0.0331		100.6485	100.6485	1.8200e-003	2.1000e-003	101.3201

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2030

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	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000

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	0.0337	0.0152	0.2866	9.2000e-004	0.1232	4.0000e-004	0.1236	0.0327	3.7000e-004	0.0331		99.0429	99.0429	1.6800e-003	2.0200e-003	99.6869
Total	0.0337	0.0152	0.2866	9.2000e-004	0.1232	4.0000e-004	0.1236	0.0327	3.7000e-004	0.0331		99.0429	99.0429	1.6800e-003	2.0200e-003	99.6869

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2030

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	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

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	0.0337	0.0152	0.2866	9.2000e-004	0.1232	4.0000e-004	0.1236	0.0327	3.7000e-004	0.0331		99.0429	99.0429	1.6800e-003	2.0200e-003	99.6869
Total	0.0337	0.0152	0.2866	9.2000e-004	0.1232	4.0000e-004	0.1236	0.0327	3.7000e-004	0.0331		99.0429	99.0429	1.6800e-003	2.0200e-003	99.6869

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2031

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	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000

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	0.0315	0.0141	0.2764	9.0000e-004	0.1232	3.8000e-004	0.1236	0.0327	3.5000e-004	0.0330		97.6681	97.6681	1.5600e-003	1.9500e-003	98.2882
Total	0.0315	0.0141	0.2764	9.0000e-004	0.1232	3.8000e-004	0.1236	0.0327	3.5000e-004	0.0330		97.6681	97.6681	1.5600e-003	1.9500e-003	98.2882

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2031

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	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

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	0.0315	0.0141	0.2764	9.0000e-004	0.1232	3.8000e-004	0.1236	0.0327	3.5000e-004	0.0330		97.6681	97.6681	1.5600e-003	1.9500e-003	98.2882
Total	0.0315	0.0141	0.2764	9.0000e-004	0.1232	3.8000e-004	0.1236	0.0327	3.5000e-004	0.0330		97.6681	97.6681	1.5600e-003	1.9500e-003	98.2882

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2032

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	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000

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	0.0294	0.0132	0.2664	8.8000e-004	0.1232	3.5000e-004	0.1236	0.0327	3.3000e-004	0.0330		96.4184	96.4184	1.4500e-003	1.8900e-003	97.0182
Total	0.0294	0.0132	0.2664	8.8000e-004	0.1232	3.5000e-004	0.1236	0.0327	3.3000e-004	0.0330		96.4184	96.4184	1.4500e-003	1.8900e-003	97.0182

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2032

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	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

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	0.0294	0.0132	0.2664	8.8000e-004	0.1232	3.5000e-004	0.1236	0.0327	3.3000e-004	0.0330		96.4184	96.4184	1.4500e-003	1.8900e-003	97.0182
Total	0.0294	0.0132	0.2664	8.8000e-004	0.1232	3.5000e-004	0.1236	0.0327	3.3000e-004	0.0330		96.4184	96.4184	1.4500e-003	1.8900e-003	97.0182

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2033

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	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000

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	0.0275	0.0124	0.2579	8.7000e-004	0.1232	3.3000e-004	0.1236	0.0327	3.1000e-004	0.0330		95.3197	95.3197	1.3500e-003	1.8400e-003	95.9027
Total	0.0275	0.0124	0.2579	8.7000e-004	0.1232	3.3000e-004	0.1236	0.0327	3.1000e-004	0.0330		95.3197	95.3197	1.3500e-003	1.8400e-003	95.9027

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2033

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	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

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	0.0275	0.0124	0.2579	8.7000e-004	0.1232	3.3000e-004	0.1236	0.0327	3.1000e-004	0.0330		95.3197	95.3197	1.3500e-003	1.8400e-003	95.9027
Total	0.0275	0.0124	0.2579	8.7000e-004	0.1232	3.3000e-004	0.1236	0.0327	3.1000e-004	0.0330		95.3197	95.3197	1.3500e-003	1.8400e-003	95.9027

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2034

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	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000

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	0.0258	0.0118	0.2502	8.5000e-004	0.1232	3.1000e-004	0.1235	0.0327	2.9000e-004	0.0330		94.3533	94.3533	1.2600e-003	1.8000e-003	94.9221
Total	0.0258	0.0118	0.2502	8.5000e-004	0.1232	3.1000e-004	0.1235	0.0327	2.9000e-004	0.0330		94.3533	94.3533	1.2600e-003	1.8000e-003	94.9221

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2034

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	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

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	0.0258	0.0118	0.2502	8.5000e-004	0.1232	3.1000e-004	0.1235	0.0327	2.9000e-004	0.0330		94.3533	94.3533	1.2600e-003	1.8000e-003	94.9221
Total	0.0258	0.0118	0.2502	8.5000e-004	0.1232	3.1000e-004	0.1235	0.0327	2.9000e-004	0.0330		94.3533	94.3533	1.2600e-003	1.8000e-003	94.9221

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2035

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	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795

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	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791
Total	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2035

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	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

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	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791
Total	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2036

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	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795

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	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791
Total	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2036

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	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

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	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791
Total	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2037

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	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795

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	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791
Total	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2037

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	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

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	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791
Total	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2038

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	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795

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	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791
Total	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2038

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	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

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	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791
Total	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2039

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	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795

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	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791
Total	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2039

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	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

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	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791
Total	0.0243	0.0113	0.2437	8.4000e-004	0.1232	2.9000e-004	0.1235	0.0327	2.7000e-004	0.0330		93.5216	93.5216	1.1900e-003	1.7700e-003	94.0791

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2040

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	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629		4,378.5819	4,378.5819	0.1484		4,382.2921
Total	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629		4,378.5819	4,378.5819	0.1484		4,382.2921

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	0.0188	9.8000e-003	0.2219	8.0000e-004	0.1232	2.3000e-004	0.1235	0.0327	2.1000e-004	0.0329		90.7632	90.7632	9.3000e-004	1.6800e-003	91.2867
Total	0.0188	9.8000e-003	0.2219	8.0000e-004	0.1232	2.3000e-004	0.1235	0.0327	2.1000e-004	0.0329		90.7632	90.7632	9.3000e-004	1.6800e-003	91.2867

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

3.2 Demolition - 2040

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	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629	0.0000	4,378.5819	4,378.5819	0.1484		4,382.2920
Total	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629	0.0000	4,378.5819	4,378.5819	0.1484		4,382.2920

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	0.0188	9.8000e-003	0.2219	8.0000e-004	0.1232	2.3000e-004	0.1235	0.0327	2.1000e-004	0.0329		90.7632	90.7632	9.3000e-004	1.6800e-003	91.2867
Total	0.0188	9.8000e-003	0.2219	8.0000e-004	0.1232	2.3000e-004	0.1235	0.0327	2.1000e-004	0.0329		90.7632	90.7632	9.3000e-004	1.6800e-003	91.2867

4.0 Operational Detail - Mobile

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

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	2,649.056 3	2,773.357 3	21,115.38 68	45.4478	5,938.046 1	28.3751	5,966.421 2	1,582.183 6	26.7049	1,608.8886		5,045,615. 8398	5,045,615. 8398	234.9502	240.2546	5,123,085. 4595
Unmitigated	2,649.056 3	2,773.357 3	21,115.38 68	45.4478	5,938.046 1	28.3751	5,966.421 2	1,582.183 6	26.7049	1,608.8886		5,045,615. 8398	5,045,615. 8398	234.9502	240.2546	5,123,085. 4595

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	91,469.08	82,771.10	68742.10	247,033,070	247,033,070
City Park	6,551.97	16,449.62	18261.87	20,577,340	20,577,340
General Heavy Industry	37,891.59	61,814.66	48970.06	125,223,111	125,223,111
General Light Industry	148.70	59.38	149.70	397,300	397,300
Library	33,839.28	37,612.24	19765.02	54,858,555	54,858,555
Single Family Housing	258,945.00	261,690.00	234697.50	726,710,636	726,710,636
Strip Mall	992,771.84	941,621.13	457742.87	1,399,939,143	1,399,939,143
Total	1,421,617.46	1,402,018.15	848,329.12	2,574,739,156	2,574,739,156

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	7.30	7.50	40.20	19.20	40.60	86	11	3
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Library	9.50	7.30	7.30	52.00	43.00	5.00	44	44	12
Single Family Housing	10.80	7.30	7.50	40.20	19.20	40.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990
City Park	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990
General Heavy Industry	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990
General Light Industry	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990
Library	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990
Single Family Housing	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990
Strip Mall	0.558438	0.059028	0.175146	0.118987	0.021855	0.006453	0.007820	0.022821	0.000510	0.000171	0.024746	0.001037	0.002990

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Natural Gas Mitigated	68.7184	597.3531	324.1217	3.7483		47.4782	47.4782		47.4782	47.4782		749,655.1819	749,655.1819	14.3684	13.7437	754,110.0079
Natural Gas Unmitigated	68.7184	597.3531	324.1217	3.7483		47.4782	47.4782		47.4782	47.4782		749,655.1819	749,655.1819	14.3684	13.7437	754,110.0079

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	1.10558e+006	11.9229	101.8863	43.3559	0.6503		8.2376	8.2376		8.2376	8.2376		130,067.6635	130,067.6635	2.4930	2.3846	130,840.5905
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	1.42214e+006	15.3369	139.4259	117.1178	0.8366		10.5964	10.5964		10.5964	10.5964		167,311.0794	167,311.0794	3.2068	3.0674	168,305.3255
General Light Industry	4419.91	0.0477	0.4333	0.3640	2.6000e-003		0.0329	0.0329		0.0329	0.0329		519.9894	519.9894	9.9700e-003	9.5300e-003	523.0794
Library	69334.4	0.7477	6.7975	5.7099	0.0408		0.5166	0.5166		0.5166	0.5166		8,156.9867	8,156.9867	0.1563	0.1495	8,205.4596
Single Family Housing	3.54555e+006	38.2364	326.7472	139.0414	2.0856		26.4179	26.4179		26.4179	26.4179		417,124.0951	417,124.0951	7.9949	7.6473	419,602.8550
Strip Mall	225041	2.4269	22.0628	18.5328	0.1324		1.6768	1.6768		1.6768	1.6768		26,475.3680	26,475.3680	0.5074	0.4854	26,632.6979
Total		68.7184	597.3531	324.1217	3.7483		47.4782	47.4782		47.4782	47.4782		749,655.1819	749,655.1819	14.3684	13.7437	754,110.0079

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
Apartments Mid Rise	1105.58	11.9229	101.8863	43.3559	0.6503		8.2376	8.2376		8.2376	8.2376		130,067.6635	130,067.6635	2.4930	2.3846	130,840.5905
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Heavy Industry	1422.14	15.3369	139.4259	117.1178	0.8366		10.5964	10.5964		10.5964	10.5964		167,311.0794	167,311.0794	3.2068	3.0674	168,305.3255
General Light Industry	4.41991	0.0477	0.4333	0.3640	2.6000e-003		0.0329	0.0329		0.0329	0.0329		519.9894	519.9894	9.9700e-003	9.5300e-003	523.0794
Library	69.3344	0.7477	6.7975	5.7099	0.0408		0.5166	0.5166		0.5166	0.5166		8,156.9867	8,156.9867	0.1563	0.1495	8,205.4596
Single Family Housing	3545.55	38.2364	326.7472	139.0414	2.0856		26.4179	26.4179		26.4179	26.4179		417,124.0951	417,124.0951	7.9949	7.6473	419,602.8550
Strip Mall	225.041	2.4269	22.0628	18.5328	0.1324		1.6768	1.6768		1.6768	1.6768		26,475.3680	26,475.3680	0.5074	0.4854	26,632.6979
Total		68.7184	597.3531	324.1217	3.7483		47.4782	47.4782		47.4782	47.4782		749,655.1819	749,655.1819	14.3684	13.7437	754,110.0079

6.0 Area Detail

6.1 Mitigation Measures Area

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	53,761.0706	1,111.4094	71,696.6209	128.4056		9,380.4715	9,380.4715		9,380.4715	9,380.4715	1,024,151.2563	376,548.6780	1,400,699.9343	1,527.5314	68.5667	1,459,321.0906
Unmitigated	53,761.0706	1,111.4094	71,696.6209	128.4056		9,380.4715	9,380.4715		9,380.4715	9,380.4715	1,024,151.2563	376,548.6780	1,400,699.9343	1,527.5314	68.5667	1,459,321.0906

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	1,290.6607					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3,554.4252					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	48,734.0275	1,041.3702	65,627.2019	128.0835		9,346.6788	9,346.6788		9,346.6788	9,346.6788	1,024,151.2563	365,569.4118	1,389,720.6681	1,517.0567	68.5667	1,448,079.9568
Landscaping	181.9572	70.0392	6,069.4190	0.3221		33.7927	33.7927		33.7927	33.7927		10,979.2663	10,979.2663	10.4747		11,241.1339
Total	53,761.0706	1,111.4094	71,696.6209	128.4056		9,380.4715	9,380.4715		9,380.4715	9,380.4715	1,024,151.2563	376,548.6780	1,400,699.9343	1,527.5314	68.5667	1,459,321.0906

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1,290.6607					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3,554.4252					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	48,734.0275	1,041.3702	65,627.2019	128.0835		9,346.6788	9,346.6788		9,346.6788	9,346.6788	1,024,151.2563	365,569.4118	1,389,720.6681	1,517.0567	68.5667	1,448,079.9568
Landscaping	181.9572	70.0392	6,069.4190	0.3221		33.7927	33.7927		33.7927	33.7927		10,979.2663	10,979.2663	10.4747		11,241.1339
Total	53,761.0706	1,111.4094	71,696.6209	128.4056		9,380.4715	9,380.4715		9,380.4715	9,380.4715	1,024,151.2563	376,548.6780	1,400,699.9343	1,527.5314	68.5667	1,459,321.0906

7.0 Water Detail

7.1 Mitigation Measures Water

Victorville GPU - Proposed Operation - Mojave Desert Air Basin, Summer

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