Appendix B-1

Air Quality and GHG Emission Estimates

Without Regulation or RPS

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

I-15 Industrial - Without Regulation and RPS

Mojave Desert AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	508.94	1000sqft	12.22	508,940.00	0
Unrefrigerated Warehouse-No Rail	988.46	1000sqft	22.69	988,460.00	0
Unrefrigerated Warehouse-Rail	214.05	1000sqft	2.15	214,050.00	0
User Defined Industrial	138.57	User Defined Unit	1.00	138.57	0
Other Asphalt Surfaces	224.22	1000sqft	5.15	224,220.00	0
Parking Lot	789.00	Space	7.10	315,600.00	0
Parking Lot	1,272.00	Space	11.45	508,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	30
Climate Zone	10			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	742	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project-specific values.

Construction Phase - Project-specific values.

Off-road Equipment - Default CalEEMod values.

Trips and VMT - Project-specific values.

Grading - Default CalEEMod values.

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

Architectural Coating - Project-specific values.

Vehicle Trips - Project-specific values.

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Energy Use - Project-specific values.

Water And Wastewater - Project-specific values based on water supply assesment. All project water usage (indoor and outdoor) assumed under the "Unrefrigerated Warehouse-No Rail" land use indoor consumption.

Solid Waste - Project-specific values.

Fleet Mix - Project-specific values.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	855,794.00	865,800.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,567,383.00	2,597,400.00
tblArchitecturalCoating	ConstArea_Parking	62,917.00	49,464.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	855794	865800
tblAreaCoating	Area_Nonresidential_Interior	2567383	2597400
tblAreaCoating	Area_Parking	62917	49464
tblConstructionPhase	NumDays	75.00	79.00
tblConstructionPhase	NumDays	1,110.00	182.00
tblConstructionPhase	NumDays	110.00	56.00
tblConstructionPhase	NumDays	75.00	88.00
tblConstructionPhase	NumDays	40.00	20.00
tblEnergyUse	LightingElect	0.00	2.93
tblEnergyUse	NT24E	0.00	5.02
tblEnergyUse	NT24NG	0.00	17.13
tblEnergyUse	T24E	0.00	1.97
tblEnergyUse	T24NG	0.00	15.20

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

tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.45
tblFleetMix	HHD	0.02	0.44
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDA	0.53	0.69
tblFleetMix	LDA	0.53	1.00
tblFleetMix	LDA	0.53	0.69
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.05
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.05
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.26
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.26
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.24

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

tblFleetMix	LHD1	0.03	0.25
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.12
tblFleetMix	LHD2	7.6920e-003	0.13
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00

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

tblFleetMix	MHD	6.1550e-003	0.19
tblFleetMix	MHD	6.1550e-003	0.18
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblGrading	MaterialExported	0.00	235,599.00
tblLandUse	LandUseSquareFeet	0.00	138.57
tblLandUse	LotAcreage	11.68	12.22
tblLandUse	LotAcreage	4.91	2.15
tblLandUse	LotAcreage	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Site Preparation
tblProjectCharacteristics	CO2IntensityFactor	390.98	742
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

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

tblSolidWaste	SolidWasteGenerationRate	631.09	659.99
tblSolidWaste	SolidWasteGenerationRate	201.21	128.86
tblSolidWaste	SolidWasteGenerationRate	0.00	91.53
tblTripsAndVMT	VendorTripNumber	452.00	420.00
tblTripsAndVMT	WorkerTripNumber	1,159.00	1,074.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	232.00	216.00
tblVehicleEF	LDA	242.70	334.33
tblVehicleEF	LDA	50.68	73.93
tblVehicleEF	LDT1	288.95	386.89
tblVehicleEF	LDT1	61.96	85.44
tblVehicleEF	LDT2	305.15	454.20
tblVehicleEF	LDT2	65.85	100.85
tblVehicleEF	MDV	384.89	580.31
tblVehicleEF	MDV	81.46	128.27
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	40.00
tblVehicleTrips	CNW_TL	6.60	40.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00

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

tblVehicleTrips	CNW_TTP	0.00	100.00
tblVehicleTrips	CW_TL	14.70	16.60
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TL	14.70	16.60
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	6.42	7.80
tblVehicleTrips	ST_TR	1.74	2.13
tblVehicleTrips	ST_TR	1.74	2.13
tblVehicleTrips	ST_TR	0.00	4.96
tblVehicleTrips	SU_TR	5.09	6.18
tblVehicleTrips	SU_TR	1.74	2.13
tblVehicleTrips	SU_TR	1.74	2.13
tblVehicleTrips	SU_TR	0.00	4.96
tblVehicleTrips	WD_TR	3.93	4.96
tblVehicleTrips	WD_TR	1.74	2.13
tblVehicleTrips	WD_TR	1.74	2.13
tblVehicleTrips	WD_TR	0.00	4.96
tblWater	IndoorWaterUseRate	117,692,375.00	0.00
tblWater	IndoorWaterUseRate	228,581,375.00	30,976,820.00
tblWater	IndoorWaterUseRate	49,499,062.50	0.00

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

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	0.3764	4.2835	3.2877	0.0167	1.1670	0.1167	1.2837	0.3947	0.1089	0.5035	0.0000	1,564.7941	1,564.7941	0.0880	0.1643	1,615.9594
2023	4.8331	2.5661	4.9254	0.0158	1.1406	0.0830	1.2236	0.3067	0.0778	0.3845	0.0000	1,454.9445	1,454.9445	0.0850	0.0838	1,482.0264
Maximum	**4.8331**	**4.2835**	**4.9254**	**0.0167**	**1.1670**	**0.1167**	**1.2837**	**0.3947**	**0.1089**	**0.5035**	**0.0000**	**1,564.7941**	**1,564.7941**	**0.0880**	**0.1643**	**1,615.9594**

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	0.3764	4.2835	3.2877	0.0167	1.1670	0.1167	1.2837	0.3947	0.1089	0.5035	0.0000	1,564.7938	1,564.7938	0.0880	0.1643	1,615.9591
2023	4.8331	2.5661	4.9254	0.0158	1.1406	0.0830	1.2236	0.3067	0.0778	0.3845	0.0000	1,454.9442	1,454.9442	0.0850	0.0838	1,482.0261
Maximum	**4.8331**	**4.2835**	**4.9254**	**0.0167**	**1.1670**	**0.1167**	**1.2837**	**0.3947**	**0.1089**	**0.5035**	**0.0000**	**1,564.7938**	**1,564.7938**	**0.0880**	**0.1643**	**1,615.9591**

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	**7-4-2022**	**10-3-2022**	2.8152	2.8152
2	**10-4-2022**	**1-3-2023**	1.7567	1.7567
3	**1-4-2023**	**4-3-2023**	2.2248	2.2248
4	**4-4-2023**	**7-3-2023**	5.0627	5.0627
		Highest	5.0627	5.0627

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	8.7911	3.4000e-004	0.0379	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0739	0.0739	1.9000e-004	0.0000	0.0787
Energy	0.1018	0.9253	0.7772	5.5500e-003		0.0703	0.0703		0.0703	0.0703	0.0000	3,743.0185	3,743.0185	0.1410	0.0332	3,756.4408
Mobile	2.1615	32.8907	33.1161	0.2515	17.6408	0.4187	18.0594	4.8123	0.3989	5.2112	0.0000	26,665.6593	26,665.6593	0.2143	2.3019	27,356.9685
Waste						0.0000	0.0000		0.0000	0.0000	367.3182	0.0000	367.3182	21.7079	0.0000	910.0154
Water						0.0000	0.0000		0.0000	0.0000	9.8275	135.7534	145.5810	1.0154	0.0246	178.2869
Total	**11.0543**	**33.8163**	**33.9313**	**0.2571**	**17.6408**	**0.4891**	**18.1299**	**4.8123**	**0.4694**	**5.2817**	**377.1458**	**30,544.5051**	**30,921.6508**	**23.0787**	**2.3596**	**32,201.7903**

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.7911	3.4000e-004	0.0379	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0739	0.0739	1.9000e-004	0.0000	0.0787
Energy	0.1018	0.9253	0.7772	5.5500e-003		0.0703	0.0703		0.0703	0.0703	0.0000	3,743.0185	3,743.0185	0.1410	0.0332	3,756.4408
Mobile	2.1615	32.8907	33.1161	0.2515	17.6408	0.4187	18.0594	4.8123	0.3989	5.2112	0.0000	26,665.6593	26,665.6593	0.2143	2.3019	27,356.9685
Waste						0.0000	0.0000		0.0000	0.0000	367.3182	0.0000	367.3182	21.7079	0.0000	910.0154
Water						0.0000	0.0000		0.0000	0.0000	9.8275	135.7534	145.5810	1.0154	0.0246	178.2869
Total	**11.0543**	**33.8163**	**33.9313**	**0.2571**	**17.6408**	**0.4891**	**18.1299**	**4.8123**	**0.4694**	**5.2817**	**377.1458**	**30,544.5051**	**30,921.6508**	**23.0787**	**2.3596**	**32,201.7903**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/4/2022	7/29/2022	5	20	
2	Grading	Grading	8/1/2022	10/17/2022	5	56	
3	Building Construction	Building Construction	10/18/2022	6/28/2023	5	182	

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

4	Paving	Paving	3/1/2023	6/30/2023	5	88	
5	Architectural Coating	Architectural Coating	3/14/2023	6/30/2023	5	79	

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 168

Acres of Paving: 23.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,597,400; Non-Residential Outdoor: 865,800; Striped Parking Area: 49,464 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	29,450.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,074.00	420.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	216.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 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					
Fugitive Dust					0.1966	0.0000	0.1966	0.1010	0.0000	0.1010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0355	0.3690	0.2372	4.4000e-004		0.0181	0.0181		0.0167	0.0167	0.0000	38.8674	38.8674	0.0126	0.0000	39.1816
Total	**0.0355**	**0.3690**	**0.2372**	**4.4000e-004**	**0.1966**	**0.0181**	**0.2147**	**0.1010**	**0.0167**	**0.1177**	**0.0000**	**38.8674**	**38.8674**	**0.0126**	**0.0000**	**39.1816**

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

3.2 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6000e-004	6.9000e-004	7.6100e-003	2.0000e-005	2.5100e-003	1.0000e-005	2.5200e-003	6.7000e-004	1.0000e-005	6.8000e-004	0.0000	1.9745	1.9745	5.0000e-005	6.0000e-005	1.9929
Total	**8.6000e-004**	**6.9000e-004**	**7.6100e-003**	**2.0000e-005**	**2.5100e-003**	**1.0000e-005**	**2.5200e-003**	**6.7000e-004**	**1.0000e-005**	**6.8000e-004**	**0.0000**	**1.9745**	**1.9745**	**5.0000e-005**	**6.0000e-005**	**1.9929**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1966	0.0000	0.1966	0.1010	0.0000	0.1010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0355	0.3690	0.2372	4.4000e-004		0.0181	0.0181		0.0167	0.0167	0.0000	38.8673	38.8673	0.0126	0.0000	39.1816
Total	**0.0355**	**0.3690**	**0.2372**	**4.4000e-004**	**0.1966**	**0.0181**	**0.2147**	**0.1010**	**0.0167**	**0.1177**	**0.0000**	**38.8673**	**38.8673**	**0.0126**	**0.0000**	**39.1816**

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

3.2 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6000e-004	6.9000e-004	7.6100e-003	2.0000e-005	2.5100e-003	1.0000e-005	2.5200e-003	6.7000e-004	1.0000e-005	6.8000e-004	0.0000	1.9745	1.9745	5.0000e-005	6.0000e-005	1.9929
Total	**8.6000e-004**	**6.9000e-004**	**7.6100e-003**	**2.0000e-005**	**2.5100e-003**	**1.0000e-005**	**2.5200e-003**	**6.7000e-004**	**1.0000e-005**	**6.8000e-004**	**0.0000**	**1.9745**	**1.9745**	**5.0000e-005**	**6.0000e-005**	**1.9929**

3.3 Grading - 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					
Fugitive Dust					0.2743	0.0000	0.2743	0.1048	0.0000	0.1048	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1015	1.0876	0.8132	1.7400e-003		0.0458	0.0458		0.0421	0.0421	0.0000	152.6969	152.6969	0.0494	0.0000	153.9315
Total	**0.1015**	**1.0876**	**0.8132**	**1.7400e-003**	**0.2743**	**0.0458**	**0.3200**	**0.1048**	**0.0421**	**0.1469**	**0.0000**	**152.6969**	**152.6969**	**0.0494**	**0.0000**	**153.9315**

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

3.3 Grading - 2022

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	0.0453	1.8447	0.4546	8.4900e-003	0.2544	0.0232	0.2776	0.0699	0.0222	0.0921	0.0000	815.4616	815.4616	2.0900e-003	0.1282	853.7091
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	2.4100e-003	1.9300e-003	0.0213	6.0000e-005	7.0300e-003	3.0000e-005	7.0600e-003	1.8700e-003	3.0000e-005	1.9000e-003	0.0000	5.5287	5.5287	1.5000e-004	1.6000e-004	5.5801
Total	**0.0477**	**1.8466**	**0.4759**	**8.5500e-003**	**0.2614**	**0.0232**	**0.2846**	**0.0718**	**0.0222**	**0.0940**	**0.0000**	**820.9903**	**820.9903**	**2.2400e-003**	**0.1283**	**859.2892**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2743	0.0000	0.2743	0.1048	0.0000	0.1048	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1015	1.0876	0.8132	1.7400e-003		0.0458	0.0458		0.0421	0.0421	0.0000	152.6967	152.6967	0.0494	0.0000	153.9313
Total	**0.1015**	**1.0876**	**0.8132**	**1.7400e-003**	**0.2743**	**0.0458**	**0.3200**	**0.1048**	**0.0421**	**0.1469**	**0.0000**	**152.6967**	**152.6967**	**0.0494**	**0.0000**	**153.9313**

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

3.3 Grading - 2022

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	0.0453	1.8447	0.4546	8.4900e-003	0.2544	0.0232	0.2776	0.0699	0.0222	0.0921	0.0000	815.4616	815.4616	2.0900e-003	0.1282	853.7091
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	2.4100e-003	1.9300e-003	0.0213	6.0000e-005	7.0300e-003	3.0000e-005	7.0600e-003	1.8700e-003	3.0000e-005	1.9000e-003	0.0000	5.5287	5.5287	1.5000e-004	1.6000e-004	5.5801
Total	**0.0477**	**1.8466**	**0.4759**	**8.5500e-003**	**0.2614**	**0.0232**	**0.2846**	**0.0718**	**0.0222**	**0.0940**	**0.0000**	**820.9903**	**820.9903**	**2.2400e-003**	**0.1283**	**859.2892**

3.4 Building Construction - 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	0.0461	0.4216	0.4418	7.3000e-004		0.0218	0.0218		0.0206	0.0206	0.0000	62.5658	62.5658	0.0150	0.0000	62.9405
Total	**0.0461**	**0.4216**	**0.4418**	**7.3000e-004**		**0.0218**	**0.0218**		**0.0206**	**0.0206**	**0.0000**	**62.5658**	**62.5658**	**0.0150**	**0.0000**	**62.9405**

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

3.4 Building Construction - 2022

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	0.0198	0.4579	0.2088	2.1100e-003	0.0686	5.8700e-003	0.0744	0.0198	5.6200e-003	0.0254	0.0000	201.4120	201.4120	1.0700e-003	0.0276	209.6730
Worker	0.1250	0.1001	1.1031	3.1200e-003	0.3638	1.7800e-003	0.3656	0.0966	1.6400e-003	0.0982	0.0000	286.2872	286.2872	7.6600e-003	8.2900e-003	288.9507
Total	**0.1448**	**0.5579**	**1.3120**	**5.2300e-003**	**0.4323**	**7.6500e-003**	**0.4400**	**0.1164**	**7.2600e-003**	**0.1237**	**0.0000**	**487.6993**	**487.6993**	**8.7300e-003**	**0.0359**	**498.6237**

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	0.0461	0.4216	0.4418	7.3000e-004		0.0218	0.0218		0.0206	0.0206	0.0000	62.5657	62.5657	0.0150	0.0000	62.9405
Total	**0.0461**	**0.4216**	**0.4418**	**7.3000e-004**		**0.0218**	**0.0218**		**0.0206**	**0.0206**	**0.0000**	**62.5657**	**62.5657**	**0.0150**	**0.0000**	**62.9405**

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

3.4 Building Construction - 2022

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	0.0198	0.4579	0.2088	2.1100e-003	0.0686	5.8700e-003	0.0744	0.0198	5.6200e-003	0.0254	0.0000	201.4120	201.4120	1.0700e-003	0.0276	209.6730
Worker	0.1250	0.1001	1.1031	3.1200e-003	0.3638	1.7800e-003	0.3656	0.0966	1.6400e-003	0.0982	0.0000	286.2872	286.2872	7.6600e-003	8.2900e-003	288.9507
Total	**0.1448**	**0.5579**	**1.3120**	**5.2300e-003**	**0.4323**	**7.6500e-003**	**0.4400**	**0.1164**	**7.2600e-003**	**0.1237**	**0.0000**	**487.6993**	**487.6993**	**8.7300e-003**	**0.0359**	**498.6237**

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1007	0.9206	1.0396	1.7200e-003		0.0448	0.0448		0.0421	0.0421	0.0000	148.3550	148.3550	0.0353	0.0000	149.2373
Total	**0.1007**	**0.9206**	**1.0396**	**1.7200e-003**		**0.0448**	**0.0448**		**0.0421**	**0.0421**	**0.0000**	**148.3550**	**148.3550**	**0.0353**	**0.0000**	**149.2373**

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

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0384	0.9098	0.4671	4.8600e-003	0.1625	8.4400e-003	0.1709	0.0469	8.0700e-003	0.0550	0.0000	463.4162	463.4162	2.1300e-003	0.0633	482.3311
Worker	0.2736	0.2079	2.3850	7.1600e-003	0.8623	3.9600e-003	0.8662	0.2290	3.6500e-003	0.2326	0.0000	656.7260	656.7260	0.0163	0.0180	662.5063
Total	**0.3120**	**1.1177**	**2.8521**	**0.0120**	**1.0248**	**0.0124**	**1.0372**	**0.2759**	**0.0117**	**0.2876**	**0.0000**	**1,120.1421**	**1,120.1421**	**0.0184**	**0.0813**	**1,144.8375**

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	0.1007	0.9206	1.0396	1.7200e-003		0.0448	0.0448		0.0421	0.0421	0.0000	148.3549	148.3549	0.0353	0.0000	149.2371
Total	**0.1007**	**0.9206**	**1.0396**	**1.7200e-003**		**0.0448**	**0.0448**		**0.0421**	**0.0421**	**0.0000**	**148.3549**	**148.3549**	**0.0353**	**0.0000**	**149.2371**

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

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0384	0.9098	0.4671	4.8600e-003	0.1625	8.4400e-003	0.1709	0.0469	8.0700e-003	0.0550	0.0000	463.4162	463.4162	2.1300e-003	0.0633	482.3311
Worker	0.2736	0.2079	2.3850	7.1600e-003	0.8623	3.9600e-003	0.8662	0.2290	3.6500e-003	0.2326	0.0000	656.7260	656.7260	0.0163	0.0180	662.5063
Total	**0.3120**	**1.1177**	**2.8521**	**0.0120**	**1.0248**	**0.0124**	**1.0372**	**0.2759**	**0.0117**	**0.2876**	**0.0000**	**1,120.1421**	**1,120.1421**	**0.0184**	**0.0813**	**1,144.8375**

3.5 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0454	0.4484	0.6417	1.0000e-003		0.0225	0.0225		0.0207	0.0207	0.0000	88.1182	88.1182	0.0285	0.0000	88.8307
Paving	0.0311					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0765**	**0.4484**	**0.6417**	**1.0000e-003**		**0.0225**	**0.0225**		**0.0207**	**0.0207**	**0.0000**	**88.1182**	**88.1182**	**0.0285**	**0.0000**	**88.8307**

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

3.5 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-003	2.1300e-003	0.0244	7.0000e-005	8.8300e-003	4.0000e-005	8.8700e-003	2.3500e-003	4.0000e-005	2.3800e-003	0.0000	6.7262	6.7262	1.7000e-004	1.8000e-004	6.7855
Total	**2.8000e-003**	**2.1300e-003**	**0.0244**	**7.0000e-005**	**8.8300e-003**	**4.0000e-005**	**8.8700e-003**	**2.3500e-003**	**4.0000e-005**	**2.3800e-003**	**0.0000**	**6.7262**	**6.7262**	**1.7000e-004**	**1.8000e-004**	**6.7855**

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	0.4484	0.6417	1.0000e-003		0.0225	0.0225		0.0207	0.0207	0.0000	88.1181	88.1181	0.0285	0.0000	88.8306
Paving	0.0311					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0765**	**0.4484**	**0.6417**	**1.0000e-003**		**0.0225**	**0.0225**		**0.0207**	**0.0207**	**0.0000**	**88.1181**	**88.1181**	**0.0285**	**0.0000**	**88.8306**

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

3.5 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-003	2.1300e-003	0.0244	7.0000e-005	8.8300e-003	4.0000e-005	8.8700e-003	2.3500e-003	4.0000e-005	2.3800e-003	0.0000	6.7262	6.7262	1.7000e-004	1.8000e-004	6.7855
Total	**2.8000e-003**	**2.1300e-003**	**0.0244**	**7.0000e-005**	**8.8300e-003**	**4.0000e-005**	**8.8700e-003**	**2.3500e-003**	**4.0000e-005**	**2.3800e-003**	**0.0000**	**6.7262**	**6.7262**	**1.7000e-004**	**1.8000e-004**	**6.7855**

3.6 Architectural Coating - 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					
Archit. Coating	4.2996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5700e-003	0.0515	0.0715	1.2000e-004		2.8000e-003	2.8000e-003		2.8000e-003	2.8000e-003	0.0000	10.0854	10.0854	6.0000e-004	0.0000	10.1004
Total	**4.3071**	**0.0515**	**0.0715**	**1.2000e-004**		**2.8000e-003**	**2.8000e-003**		**2.8000e-003**	**2.8000e-003**	**0.0000**	**10.0854**	**10.0854**	**6.0000e-004**	**0.0000**	**10.1004**

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

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0340	0.0258	0.2960	8.9000e-004	0.1070	4.9000e-004	0.1075	0.0284	4.5000e-004	0.0289	0.0000	81.5175	81.5175	2.0200e-003	2.2400e-003	82.2350
Total	**0.0340**	**0.0258**	**0.2960**	**8.9000e-004**	**0.1070**	**4.9000e-004**	**0.1075**	**0.0284**	**4.5000e-004**	**0.0289**	**0.0000**	**81.5175**	**81.5175**	**2.0200e-003**	**2.2400e-003**	**82.2350**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.2996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5700e-003	0.0515	0.0715	1.2000e-004		2.8000e-003	2.8000e-003		2.8000e-003	2.8000e-003	0.0000	10.0853	10.0853	6.0000e-004	0.0000	10.1004
Total	**4.3071**	**0.0515**	**0.0715**	**1.2000e-004**		**2.8000e-003**	**2.8000e-003**		**2.8000e-003**	**2.8000e-003**	**0.0000**	**10.0853**	**10.0853**	**6.0000e-004**	**0.0000**	**10.1004**

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

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0340	0.0258	0.2960	8.9000e-004	0.1070	4.9000e-004	0.1075	0.0284	4.5000e-004	0.0289	0.0000	81.5175	81.5175	2.0200e-003	2.2400e-003	82.2350
Total	**0.0340**	**0.0258**	**0.2960**	**8.9000e-004**	**0.1070**	**4.9000e-004**	**0.1075**	**0.0284**	**4.5000e-004**	**0.0289**	**0.0000**	**81.5175**	**81.5175**	**2.0200e-003**	**2.2400e-003**	**82.2350**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.1615	32.8907	33.1161	0.2515	17.6408	0.4187	18.0594	4.8123	0.3989	5.2112	0.0000	26,665.6593	26,665.6593	0.2143	2.3019	27,356.9685
Unmitigated	2.1615	32.8907	33.1161	0.2515	17.6408	0.4187	18.0594	4.8123	0.3989	5.2112	0.0000	26,665.6593	26,665.6593	0.2143	2.3019	27,356.9685

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	2,524.34	3,969.73	3145.25	15,889,814	15,889,814
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	2,105.42	2,105.42	2105.42	11,865,367	11,865,367
Unrefrigerated Warehouse-Rail	455.93	455.93	455.93	6,638,290	6,638,290
User Defined Industrial	687.31	687.31	687.31	10,007,193	10,007,193
Total	5,773.00	7,218.39	6,393.90	44,400,664	44,400,664

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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	16.60	0.00	0.00	100.00	0.00	0.00	92	5	3
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	100.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	100.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	0.00	0.00	100.00	0.00	0.00	92	5	3

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

	Miles			Trip %			Trip Purpose %		
Land Use	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
Unrefrigerated Warehouse-Rail	0.00	0.00	40.00	0.00	0.00	100.00	100	0	0
User Defined Industrial	0.00	0.00	40.00	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Heavy Industry	0.690097	0.051857	0.258046	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Rail	0.690097	0.051857	0.258046	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.240000	0.120000	0.190000	0.450000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.250000	0.130000	0.180000	0.440000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,735.7469	2,735.7469	0.1217	0.0148	2,743.1836
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,735.7469	2,735.7469	0.1217	0.0148	2,743.1836
NaturalGas Mitigated	0.1018	0.9253	0.7772	5.5500e-003		0.0703	0.0703		0.0703	0.0703	0.0000	1,007.2715	1,007.2715	0.0193	0.0185	1,013.2572
NaturalGas Unmitigated	0.1018	0.9253	0.7772	5.5500e-003		0.0703	0.0703		0.0703	0.0703	0.0000	1,007.2715	1,007.2715	0.0193	0.0185	1,013.2572

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Heavy Industry	1.6454e+007	0.0887	0.8066	0.6775	4.8400e-003		0.0613	0.0613		0.0613	0.0613	0.0000	878.0497	878.0497	0.0168	0.0161	883.2675
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.9868e+006	0.0107	0.0974	0.0818	5.8000e-004		7.4000e-003	7.4000e-003		7.4000e-003	7.4000e-003	0.0000	106.0235	106.0235	2.0300e-003	1.9400e-003	106.6535
Unrefrigerated Warehouse-Rail	430240	2.3200e-003	0.0211	0.0177	1.3000e-004		1.6000e-003	1.6000e-003		1.6000e-003	1.6000e-003	0.0000	22.9593	22.9593	4.4000e-004	4.2000e-004	23.0957
User Defined Industrial	4479.97	2.0000e-005	2.2000e-004	1.8000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2391	0.2391	0.0000	0.0000	0.2405
Total		**0.1018**	**0.9253**	**0.7772**	**5.5500e-003**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**1,007.2715**	**1,007.2715**	**0.0193**	**0.0185**	**1,013.2572**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

5.2 Energy by Land Use - NaturalGas

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					
General Heavy Industry	1.6454e+007	0.0887	0.8066	0.6775	4.8400e-003		0.0613	0.0613		0.0613	0.0613	0.0000	878.0497	878.0497	0.0168	0.0161	883.2675
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.9868e+006	0.0107	0.0974	0.0818	5.8000e-004		7.4000e-003	7.4000e-003		7.4000e-003	7.4000e-003	0.0000	106.0235	106.0235	2.0300e-003	1.9400e-003	106.6535
Unrefrigerated Warehouse-Rail	430240	2.3200e-003	0.0211	0.0177	1.3000e-004		1.6000e-003	1.6000e-003		1.6000e-003	1.6000e-003	0.0000	22.9593	22.9593	4.4000e-004	4.2000e-004	23.0957
User Defined Industrial	4479.97	2.0000e-005	2.2000e-004	1.8000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2391	0.2391	0.0000	0.0000	0.2405
Total		**0.1018**	**0.9253**	**0.7772**	**5.5500e-003**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**1,007.2715**	**1,007.2715**	**0.0193**	**0.0185**	**1,013.2572**

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Heavy Industry	5.04868e+006	1,699.2133	0.0756	9.1600e-003	1,703.8323
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	110460	37.1770	1.6500e-003	2.0000e-004	37.2781
Parking Lot	178080	59.9356	2.6700e-003	3.2000e-004	60.0985
Unrefrigerated Warehouse-No Rail	2.29323e+006	771.8213	0.0343	4.1600e-003	773.9193
Unrefrigerated Warehouse-Rail	496596	167.1371	7.4300e-003	9.0000e-004	167.5914
User Defined Industrial	1374.61	0.4627	2.0000e-005	0.0000	0.4639
Total		**2,735.7469**	**0.1217**	**0.0147**	**2,743.1836**

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

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Heavy Industry	5.04868e+006	1,699.2133	0.0756	9.1600e-003	1,703.8323
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	110460	37.1770	1.6500e-003	2.0000e-004	37.2781
Parking Lot	178080	59.9356	2.6700e-003	3.2000e-004	60.0985
Unrefrigerated Warehouse-No Rail	2.29323e+006	771.8213	0.0343	4.1600e-003	773.9193
Unrefrigerated Warehouse-Rail	496596	167.1371	7.4300e-003	9.0000e-004	167.5914
User Defined Industrial	1374.61	0.4627	2.0000e-005	0.0000	0.4639
Total		**2,735.7469**	**0.1217**	**0.0147**	**2,743.1836**

6.0 Area Detail

6.1 Mitigation Measures Area

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	8.7911	3.4000e-004	0.0379	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0739	0.0739	1.9000e-004	0.0000	0.0787
Unmitigated	8.7911	3.4000e-004	0.0379	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0739	0.0739	1.9000e-004	0.0000	0.0787

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	2.0352					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.7524					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.5000e-003	3.4000e-004	0.0379	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0739	0.0739	1.9000e-004	0.0000	0.0787
Total	**8.7910**	**3.4000e-004**	**0.0379**	**0.0000**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**0.0739**	**0.0739**	**1.9000e-004**	**0.0000**	**0.0787**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.0352					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.7524					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.5000e-003	3.4000e-004	0.0379	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0739	0.0739	1.9000e-004	0.0000	0.0787
Total	**8.7910**	**3.4000e-004**	**0.0379**	**0.0000**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**0.0739**	**0.0739**	**1.9000e-004**	**0.0000**	**0.0787**

7.0 Water Detail

7.1 Mitigation Measures Water

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	145.5810	1.0154	0.0246	178.2869
Unmitigated	145.5810	1.0154	0.0246	178.2869

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	30.9768 / 0	145.5810	1.0154	0.0246	178.2869
Unrefrigerated Warehouse-Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**145.5810**	**1.0154**	**0.0246**	**178.2869**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	30.9768 / 0	145.5810	1.0154	0.0246	178.2869
Unrefrigerated Warehouse-Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**145.5810**	**1.0154**	**0.0246**	**178.2869**

8.0 Waste Detail

8.1 Mitigation Measures Waste

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	367.3182	21.7079	0.0000	910.0154
Unmitigated	367.3182	21.7079	0.0000	910.0154

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Heavy Industry	659.99	133.9720	7.9175	0.0000	331.9100
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	929.15	188.6091	11.1465	0.0000	467.2710
Unrefrigerated Warehouse-Rail	128.86	26.1574	1.5459	0.0000	64.8039
User Defined Industrial	91.53	18.5798	1.0980	0.0000	46.0306
Total		**367.3182**	**21.7079**	**0.0000**	**910.0154**

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

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Heavy Industry	659.99	133.9720	7.9175	0.0000	331.9100
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	929.15	188.6091	11.1465	0.0000	467.2710
Unrefrigerated Warehouse-Rail	128.86	26.1574	1.5459	0.0000	64.8039
User Defined Industrial	91.53	18.5798	1.0980	0.0000	46.0306
Total		**367.3182**	**21.7079**	**0.0000**	**910.0154**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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

I-15 Industrial - Without Regulation and RPS

Mojave Desert AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	508.94	1000sqft	12.22	508,940.00	0
Unrefrigerated Warehouse-No Rail	988.46	1000sqft	22.69	988,460.00	0
Unrefrigerated Warehouse-Rail	214.05	1000sqft	2.15	214,050.00	0
User Defined Industrial	138.57	User Defined Unit	1.00	138.57	0
Other Asphalt Surfaces	224.22	1000sqft	5.15	224,220.00	0
Parking Lot	789.00	Space	7.10	315,600.00	0
Parking Lot	1,272.00	Space	11.45	508,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	30
Climate Zone	10			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	742	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project-specific values.

Construction Phase - Project-specific values.

Off-road Equipment - Default CalEEMod values.

Trips and VMT - Project-specific values.

Grading - Default CalEEMod values.

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

Architectural Coating - Project-specific values.

Vehicle Trips - Project-specific values.

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Energy Use - Project-specific values.

Water And Wastewater - Project-specific values based on water supply assesment. All project water usage (indoor and outdoor) assumed under the "Unrefrigerated Warehouse-No Rail" land use indoor consumption.

Solid Waste - Project-specific values.

Fleet Mix - Project-specific values.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	855,794.00	865,800.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,567,383.00	2,597,400.00
tblArchitecturalCoating	ConstArea_Parking	62,917.00	49,464.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	855794	865800
tblAreaCoating	Area_Nonresidential_Interior	2567383	2597400
tblAreaCoating	Area_Parking	62917	49464
tblConstructionPhase	NumDays	75.00	79.00
tblConstructionPhase	NumDays	1,110.00	182.00
tblConstructionPhase	NumDays	110.00	56.00
tblConstructionPhase	NumDays	75.00	88.00
tblConstructionPhase	NumDays	40.00	20.00
tblEnergyUse	LightingElect	0.00	2.93
tblEnergyUse	NT24E	0.00	5.02
tblEnergyUse	NT24NG	0.00	17.13
tblEnergyUse	T24E	0.00	1.97
tblEnergyUse	T24NG	0.00	15.20

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.45
tblFleetMix	HHD	0.02	0.44
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDA	0.53	0.69
tblFleetMix	LDA	0.53	1.00
tblFleetMix	LDA	0.53	0.69
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.05
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.05
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.26
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.26
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.24

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

tblFleetMix	LHD1	0.03	0.25
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.12
tblFleetMix	LHD2	7.6920e-003	0.13
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00

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

tblFleetMix	MHD	6.1550e-003	0.19
tblFleetMix	MHD	6.1550e-003	0.18
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblGrading	MaterialExported	0.00	235,599.00
tblLandUse	LandUseSquareFeet	0.00	138.57
tblLandUse	LotAcreage	11.68	12.22
tblLandUse	LotAcreage	4.91	2.15
tblLandUse	LotAcreage	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Site Preparation
tblProjectCharacteristics	CO2IntensityFactor	390.98	742
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

tblSolidWaste	SolidWasteGenerationRate	631.09	659.99
tblSolidWaste	SolidWasteGenerationRate	201.21	128.86
tblSolidWaste	SolidWasteGenerationRate	0.00	91.53
tblTripsAndVMT	VendorTripNumber	452.00	420.00
tblTripsAndVMT	WorkerTripNumber	1,159.00	1,074.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	232.00	216.00
tblVehicleEF	LDA	242.70	334.33
tblVehicleEF	LDA	50.68	73.93
tblVehicleEF	LDT1	288.95	386.89
tblVehicleEF	LDT1	61.96	85.44
tblVehicleEF	LDT2	305.15	454.20
tblVehicleEF	LDT2	65.85	100.85
tblVehicleEF	MDV	384.89	580.31
tblVehicleEF	MDV	81.46	128.27
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	40.00
tblVehicleTrips	CNW_TL	6.60	40.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00

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

tblVehicleTrips	CNW_TTP	0.00	100.00
tblVehicleTrips	CW_TL	14.70	16.60
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TL	14.70	16.60
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	6.42	7.80
tblVehicleTrips	ST_TR	1.74	2.13
tblVehicleTrips	ST_TR	1.74	2.13
tblVehicleTrips	ST_TR	0.00	4.96
tblVehicleTrips	SU_TR	5.09	6.18
tblVehicleTrips	SU_TR	1.74	2.13
tblVehicleTrips	SU_TR	1.74	2.13
tblVehicleTrips	SU_TR	0.00	4.96
tblVehicleTrips	WD_TR	3.93	4.96
tblVehicleTrips	WD_TR	1.74	2.13
tblVehicleTrips	WD_TR	1.74	2.13
tblVehicleTrips	WD_TR	0.00	4.96
tblWater	IndoorWaterUseRate	117,692,375.00	0.00
tblWater	IndoorWaterUseRate	228,581,375.00	30,976,820.00
tblWater	IndoorWaterUseRate	49,499,062.50	0.00

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

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	7.4465	104.5572	62.2758	0.3676	19.9125	2.4658	21.7429	10.1702	2.2991	11.8380	0.0000	38,348.9330	38,348.9330	2.0292	5.0555	39,906.1936
2023	118.5838	43.9269	82.2491	0.2611	19.2582	1.4882	20.7464	5.1660	1.3943	6.5603	0.0000	26,415.3752	26,415.3752	1.7058	1.4527	26,890.9312
Maximum	**118.5838**	**104.5572**	**82.2491**	**0.3676**	**19.9125**	**2.4658**	**21.7429**	**10.1702**	**2.2991**	**11.8380**	**0.0000**	**38,348.9330**	**38,348.9330**	**2.0292**	**5.0555**	**39,906.1936**

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	7.4465	104.5572	62.2758	0.3676	19.9125	2.4658	21.7429	10.1702	2.2991	11.8380	0.0000	38,348.9330	38,348.9330	2.0292	5.0555	39,906.1936
2023	118.5838	43.9269	82.2491	0.2611	19.2582	1.4882	20.7464	5.1660	1.3943	6.5603	0.0000	26,415.3752	26,415.3752	1.7058	1.4527	26,890.9312
Maximum	**118.5838**	**104.5572**	**82.2491**	**0.3676**	**19.9125**	**2.4658**	**21.7429**	**10.1702**	**2.2991**	**11.8380**	**0.0000**	**38,348.9330**	**38,348.9330**	**2.0292**	**5.0555**	**39,906.1936**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Energy	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364
Mobile	13.5829	180.5767	201.6456	1.4716	112.1131	2.3572	114.4703	30.4343	2.2442	32.6785		152,344.3563	152,344.3563	1.4901	14.1561	156,600.1310
Total	**62.3304**	**185.6505**	**206.3259**	**1.5020**	**112.1131**	**2.7440**	**114.8571**	**30.4343**	**2.6311**	**33.0654**		**158,429.2437**	**158,429.2437**	**1.6090**	**14.2677**	**162,721.2315**

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	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Energy	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364
Mobile	13.5829	180.5767	201.6456	1.4716	112.1131	2.3572	114.4703	30.4343	2.2442	32.6785		152,344.3563	152,344.3563	1.4901	14.1561	156,600.1310
Total	**62.3304**	**185.6505**	**206.3259**	**1.5020**	**112.1131**	**2.7440**	**114.8571**	**30.4343**	**2.6311**	**33.0654**		**158,429.2437**	**158,429.2437**	**1.6090**	**14.2677**	**162,721.2315**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/4/2022	7/29/2022	5	20	
2	Grading	Grading	8/1/2022	10/17/2022	5	56	
3	Building Construction	Building Construction	10/18/2022	6/28/2023	5	182	
4	Paving	Paving	3/1/2023	6/30/2023	5	88	
5	Architectural Coating	Architectural Coating	3/14/2023	6/30/2023	5	79	

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 168

Acres of Paving: 23.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,597,400; Non-Residential Outdoor: 865,800; Striped Parking Area: 49,464 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40

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

Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	29,450.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,074.00	420.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	216.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.2 Site Preparation - 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					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.5461	36.8986	23.7180	0.0442		1.8116	1.8116		1.6667	1.6667		4,284.3931	4,284.3931	1.3857		4,319.0346
Total	**3.5461**	**36.8986**	**23.7180**	**0.0442**	**19.6570**	**1.8116**	**21.4687**	**10.1025**	**1.6667**	**11.7692**		**4,284.3931**	**4,284.3931**	**1.3857**		**4,319.0346**

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	0.0935	0.0646	0.7082	2.0900e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		211.6326	211.6326	5.6700e-003	6.0200e-003	213.5688
Total	**0.0935**	**0.0646**	**0.7082**	**2.0900e-003**	**0.2555**	**1.2300e-003**	**0.2567**	**0.0678**	**1.1300e-003**	**0.0689**		**211.6326**	**211.6326**	**5.6700e-003**	**6.0200e-003**	**213.5688**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.2 Site Preparation - 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					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.5461	36.8986	23.7180	0.0442		1.8116	1.8116		1.6667	1.6667	0.0000	4,284.3931	4,284.3931	1.3857		4,319.0346
Total	**3.5461**	**36.8986**	**23.7180**	**0.0442**	**19.6570**	**1.8116**	**21.4687**	**10.1025**	**1.6667**	**11.7692**	**0.0000**	**4,284.3931**	**4,284.3931**	**1.3857**		**4,319.0346**

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	0.0935	0.0646	0.7082	2.0900e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		211.6326	211.6326	5.6700e-003	6.0200e-003	213.5688
Total	**0.0935**	**0.0646**	**0.7082**	**2.0900e-003**	**0.2555**	**1.2300e-003**	**0.2567**	**0.0678**	**1.1300e-003**	**0.0689**		**211.6326**	**211.6326**	**5.6700e-003**	**6.0200e-003**	**213.5688**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.3 Grading - 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					
Fugitive Dust					9.7948	0.0000	9.7948	3.7433	0.0000	3.7433			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.7948**	**1.6349**	**11.4297**	**3.7433**	**1.5041**	**5.2474**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.5567	65.6491	16.5170	0.3035	9.2268	0.8297	10.0565	2.5316	0.7938	3.3254		32,125.8899	32,125.8899	0.0793	5.0495	33,632.6089
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	0.0935	0.0646	0.7082	2.0900e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		211.6326	211.6326	5.6700e-003	6.0200e-003	213.5688
Total	**1.6502**	**65.7137**	**17.2252**	**0.3056**	**9.4823**	**0.8310**	**10.3132**	**2.5994**	**0.7950**	**3.3943**		**32,337.5225**	**32,337.5225**	**0.0850**	**5.0555**	**33,846.1777**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.3 Grading - 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					
Fugitive Dust					9.7948	0.0000	9.7948	3.7433	0.0000	3.7433			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.7948**	**1.6349**	**11.4297**	**3.7433**	**1.5041**	**5.2474**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.5567	65.6491	16.5170	0.3035	9.2268	0.8297	10.0565	2.5316	0.7938	3.3254		32,125.8899	32,125.8899	0.0793	5.0495	33,632.6089
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	0.0935	0.0646	0.7082	2.0900e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		211.6326	211.6326	5.6700e-003	6.0200e-003	213.5688
Total	**1.6502**	**65.7137**	**17.2252**	**0.3056**	**9.4823**	**0.8310**	**10.3132**	**2.5994**	**0.7950**	**3.3943**		**32,337.5225**	**32,337.5225**	**0.0850**	**5.0555**	**33,846.1777**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.4 Building Construction - 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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

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	0.7194	17.0068	7.8826	0.0783	2.5767	0.2179	2.7945	0.7422	0.2084	0.9506		8,231.3033	8,231.3033	0.0425	1.1290	8,568.7954
Worker	5.0209	3.4683	38.0298	0.1124	13.7182	0.0660	13.7843	3.6379	0.0608	3.6987		11,364.6712	11,364.6712	0.3044	0.3234	11,468.6465
Total	**5.7403**	**20.4751**	**45.9124**	**0.1907**	**16.2949**	**0.2839**	**16.5788**	**4.3801**	**0.2692**	**4.6493**		**19,595.9745**	**19,595.9745**	**0.3469**	**1.4523**	**20,037.4418**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.4 Building Construction - 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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

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	0.7194	17.0068	7.8826	0.0783	2.5767	0.2179	2.7945	0.7422	0.2084	0.9506		8,231.3033	8,231.3033	0.0425	1.1290	8,568.7954
Worker	5.0209	3.4683	38.0298	0.1124	13.7182	0.0660	13.7843	3.6379	0.0608	3.6987		11,364.6712	11,364.6712	0.3044	0.3234	11,468.6465
Total	**5.7403**	**20.4751**	**45.9124**	**0.1907**	**16.2949**	**0.2839**	**16.5788**	**4.3801**	**0.2692**	**4.6493**		**19,595.9745**	**19,595.9745**	**0.3469**	**1.4523**	**20,037.4418**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.4 Building Construction - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5829	14.3501	7.4200	0.0761	2.5766	0.1322	2.7088	0.7422	0.1264	0.8686		7,995.8573	7,995.8573	0.0356	1.0920	8,322.1513
Worker	4.6450	3.0405	34.6951	0.1088	13.7182	0.0619	13.7801	3.6379	0.0570	3.6949		10,999.2697	10,999.2697	0.2726	0.2967	11,094.4951
Total	**5.2279**	**17.3906**	**42.1151**	**0.1849**	**16.2949**	**0.1941**	**16.4889**	**4.3801**	**0.1834**	**4.5635**		**18,995.1270**	**18,995.1270**	**0.3082**	**1.3886**	**19,416.6464**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.4 Building Construction - 2023

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5829	14.3501	7.4200	0.0761	2.5766	0.1322	2.7088	0.7422	0.1264	0.8686		7,995.8573	7,995.8573	0.0356	1.0920	8,322.1513
Worker	4.6450	3.0405	34.6951	0.1088	13.7182	0.0619	13.7801	3.6379	0.0570	3.6949		10,999.2697	10,999.2697	0.2726	0.2967	11,094.4951
Total	**5.2279**	**17.3906**	**42.1151**	**0.1849**	**16.2949**	**0.1941**	**16.4889**	**4.3801**	**0.1834**	**4.5635**		**18,995.1270**	**18,995.1270**	**0.3082**	**1.3886**	**19,416.6464**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.5 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.7056					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7384**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0692	0.0453	0.5169	1.6200e-003	0.2044	9.2000e-004	0.2053	0.0542	8.5000e-004	0.0551		163.8625	163.8625	4.0600e-003	4.4200e-003	165.2811
Total	**0.0692**	**0.0453**	**0.5169**	**1.6200e-003**	**0.2044**	**9.2000e-004**	**0.2053**	**0.0542**	**8.5000e-004**	**0.0551**		**163.8625**	**163.8625**	**4.0600e-003**	**4.4200e-003**	**165.2811**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.5 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.7056					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7384**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0692	0.0453	0.5169	1.6200e-003	0.2044	9.2000e-004	0.2053	0.0542	8.5000e-004	0.0551		163.8625	163.8625	4.0600e-003	4.4200e-003	165.2811
Total	**0.0692**	**0.0453**	**0.5169**	**1.6200e-003**	**0.2044**	**9.2000e-004**	**0.2053**	**0.0542**	**8.5000e-004**	**0.0551**		**163.8625**	**163.8625**	**4.0600e-003**	**4.4200e-003**	**165.2811**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.6 Architectural Coating - 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					
Archit. Coating	108.8498					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**109.0414**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

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	0.9342	0.6115	6.9778	0.0219	2.7590	0.0125	2.7714	0.7317	0.0115	0.7431		2,212.1436	2,212.1436	0.0548	0.0597	2,231.2951
Total	**0.9342**	**0.6115**	**6.9778**	**0.0219**	**2.7590**	**0.0125**	**2.7714**	**0.7317**	**0.0115**	**0.7431**		**2,212.1436**	**2,212.1436**	**0.0548**	**0.0597**	**2,231.2951**

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

3.6 Architectural Coating - 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					
Archit. Coating	108.8498					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**109.0414**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

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	0.9342	0.6115	6.9778	0.0219	2.7590	0.0125	2.7714	0.7317	0.0115	0.7431		2,212.1436	2,212.1436	0.0548	0.0597	2,231.2951
Total	**0.9342**	**0.6115**	**6.9778**	**0.0219**	**2.7590**	**0.0125**	**2.7714**	**0.7317**	**0.0115**	**0.7431**		**2,212.1436**	**2,212.1436**	**0.0548**	**0.0597**	**2,231.2951**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	13.5829	180.5767	201.6456	1.4716	112.1131	2.3572	114.4703	30.4343	2.2442	32.6785		152,344.3563	152,344.3563	1.4901	14.1561	156,600.1310
Unmitigated	13.5829	180.5767	201.6456	1.4716	112.1131	2.3572	114.4703	30.4343	2.2442	32.6785		152,344.3563	152,344.3563	1.4901	14.1561	156,600.1310

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	2,524.34	3,969.73	3145.25	15,889,814	15,889,814
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	2,105.42	2,105.42	2105.42	11,865,367	11,865,367
Unrefrigerated Warehouse-Rail	455.93	455.93	455.93	6,638,290	6,638,290
User Defined Industrial	687.31	687.31	687.31	10,007,193	10,007,193
Total	5,773.00	7,218.39	6,393.90	44,400,664	44,400,664

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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	16.60	0.00	0.00	100.00	0.00	0.00	92	5	3

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

	Miles			Trip %			Trip Purpose %		
Land Use	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
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	100.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	100.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	0.00	0.00	100.00	0.00	0.00	92	5	3
Unrefrigerated Warehouse-Rail	0.00	0.00	40.00	0.00	0.00	100.00	100	0	0
User Defined Industrial	0.00	0.00	40.00	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Heavy Industry	0.690097	0.051857	0.258046	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Rail	0.690097	0.051857	0.258046	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.240000	0.120000	0.190000	0.450000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.250000	0.130000	0.180000	0.440000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364
NaturalGas Unmitigated	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Heavy Industry	45079.5	0.4862	4.4196	3.7124	0.0265		0.3359	0.3359		0.3359	0.3359		5,303.4747	5,303.4747	0.1017	0.0972	5,334.9906
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5443.3	0.0587	0.5337	0.4483	3.2000e-003		0.0406	0.0406		0.0406	0.0406		640.3883	640.3883	0.0123	0.0117	644.1938
Unrefrigerated Warehouse-Rail	1178.74	0.0127	0.1156	0.0971	6.9000e-004		8.7800e-003	8.7800e-003		8.7800e-003	8.7800e-003		138.6754	138.6754	2.6600e-003	2.5400e-003	139.4995
User Defined Industrial	12.2739	1.3000e-004	1.2000e-003	1.0100e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4440	1.4440	3.0000e-005	3.0000e-005	1.4526
Total		**0.5577**	**5.0700**	**4.2588**	**0.0304**		**0.3853**	**0.3853**		**0.3853**	**0.3853**		**6,083.9824**	**6,083.9824**	**0.1166**	**0.1115**	**6,120.1364**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Heavy Industry	45.0795	0.4862	4.4196	3.7124	0.0265		0.3359	0.3359		0.3359	0.3359		5,303.4747	5,303.4747	0.1017	0.0972	5,334.9906
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.4433	0.0587	0.5337	0.4483	3.2000e-003		0.0406	0.0406		0.0406	0.0406		640.3883	640.3883	0.0123	0.0117	644.1938
Unrefrigerated Warehouse-Rail	1.17874	0.0127	0.1156	0.0971	6.9000e-004		8.7800e-003	8.7800e-003		8.7800e-003	8.7800e-003		138.6754	138.6754	2.6600e-003	2.5400e-003	139.4995
User Defined Industrial	0.0122739	1.3000e-004	1.2000e-003	1.0100e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4440	1.4440	3.0000e-005	3.0000e-005	1.4526
Total		**0.5577**	**5.0700**	**4.2588**	**0.0304**		**0.3853**	**0.3853**		**0.3853**	**0.3853**		**6,083.9824**	**6,083.9824**	**0.1166**	**0.1115**	**6,120.1364**

6.0 Area Detail

6.1 Mitigation Measures Area

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Unmitigated	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641

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	11.1515					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	36.9994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0389	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Total	**48.1899**	**3.8300e-003**	**0.4215**	**3.0000e-005**		**1.5000e-003**	**1.5000e-003**		**1.5000e-003**	**1.5000e-003**		**0.9050**	**0.9050**	**2.3600e-003**		**0.9641**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.1515					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	36.9994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0389	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Total	**48.1899**	**3.8300e-003**	**0.4215**	**3.0000e-005**		**1.5000e-003**	**1.5000e-003**		**1.5000e-003**	**1.5000e-003**		**0.9050**	**0.9050**	**2.3600e-003**		**0.9641**

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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

I-15 Industrial - Without Regulation and RPS

Mojave Desert AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	508.94	1000sqft	12.22	508,940.00	0
Unrefrigerated Warehouse-No Rail	988.46	1000sqft	22.69	988,460.00	0
Unrefrigerated Warehouse-Rail	214.05	1000sqft	2.15	214,050.00	0
User Defined Industrial	138.57	User Defined Unit	1.00	138.57	0
Other Asphalt Surfaces	224.22	1000sqft	5.15	224,220.00	0
Parking Lot	789.00	Space	7.10	315,600.00	0
Parking Lot	1,272.00	Space	11.45	508,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	30
Climate Zone	10			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	742	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project-specific values.

Construction Phase - Project-specific values.

Off-road Equipment - Default CalEEMod values.

Trips and VMT - Project-specific values.

Grading - Default CalEEMod values.

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

Architectural Coating - Project-specific values.

Vehicle Trips - Project-specific values.

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Energy Use - Project-specific values.

Water And Wastewater - Project-specific values based on water supply assesment. All project water usage (indoor and outdoor) assumed under the "Unrefrigerated Warehouse-No Rail" land use indoor consumption.

Solid Waste - Project-specific values.

Fleet Mix - Project-specific values.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	855,794.00	865,800.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,567,383.00	2,597,400.00
tblArchitecturalCoating	ConstArea_Parking	62,917.00	49,464.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	855794	865800
tblAreaCoating	Area_Nonresidential_Interior	2567383	2597400
tblAreaCoating	Area_Parking	62917	49464
tblConstructionPhase	NumDays	75.00	79.00
tblConstructionPhase	NumDays	1,110.00	182.00
tblConstructionPhase	NumDays	110.00	56.00
tblConstructionPhase	NumDays	75.00	88.00
tblConstructionPhase	NumDays	40.00	20.00
tblEnergyUse	LightingElect	0.00	2.93
tblEnergyUse	NT24E	0.00	5.02
tblEnergyUse	NT24NG	0.00	17.13
tblEnergyUse	T24E	0.00	1.97
tblEnergyUse	T24NG	0.00	15.20

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

tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.45
tblFleetMix	HHD	0.02	0.44
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDA	0.53	0.69
tblFleetMix	LDA	0.53	1.00
tblFleetMix	LDA	0.53	0.69
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.05
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.05
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.26
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.26
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.24

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

tblFleetMix	LHD1	0.03	0.25
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.12
tblFleetMix	LHD2	7.6920e-003	0.13
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00

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

tblFleetMix	MHD	6.1550e-003	0.19
tblFleetMix	MHD	6.1550e-003	0.18
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblGrading	MaterialExported	0.00	235,599.00
tblLandUse	LandUseSquareFeet	0.00	138.57
tblLandUse	LotAcreage	11.68	12.22
tblLandUse	LotAcreage	4.91	2.15
tblLandUse	LotAcreage	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Site Preparation
tblProjectCharacteristics	CO2IntensityFactor	390.98	742
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

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

tblSolidWaste	SolidWasteGenerationRate	631.09	659.99
tblSolidWaste	SolidWasteGenerationRate	201.21	128.86
tblSolidWaste	SolidWasteGenerationRate	0.00	91.53
tblTripsAndVMT	VendorTripNumber	452.00	420.00
tblTripsAndVMT	WorkerTripNumber	1,159.00	1,074.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	232.00	216.00
tblVehicleEF	LDA	242.70	334.33
tblVehicleEF	LDA	50.68	73.93
tblVehicleEF	LDT1	288.95	386.89
tblVehicleEF	LDT1	61.96	85.44
tblVehicleEF	LDT2	305.15	454.20
tblVehicleEF	LDT2	65.85	100.85
tblVehicleEF	MDV	384.89	580.31
tblVehicleEF	MDV	81.46	128.27
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	40.00
tblVehicleTrips	CNW_TL	6.60	40.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00

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

tblVehicleTrips	CNW_TTP	0.00	100.00
tblVehicleTrips	CW_TL	14.70	16.60
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TL	14.70	16.60
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	6.42	7.80
tblVehicleTrips	ST_TR	1.74	2.13
tblVehicleTrips	ST_TR	1.74	2.13
tblVehicleTrips	ST_TR	0.00	4.96
tblVehicleTrips	SU_TR	5.09	6.18
tblVehicleTrips	SU_TR	1.74	2.13
tblVehicleTrips	SU_TR	1.74	2.13
tblVehicleTrips	SU_TR	0.00	4.96
tblVehicleTrips	WD_TR	3.93	4.96
tblVehicleTrips	WD_TR	1.74	2.13
tblVehicleTrips	WD_TR	1.74	2.13
tblVehicleTrips	WD_TR	0.00	4.96
tblWater	IndoorWaterUseRate	117,692,375.00	0.00
tblWater	IndoorWaterUseRate	228,581,375.00	30,976,820.00
tblWater	IndoorWaterUseRate	49,499,062.50	0.00

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

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	7.8307	101.1273	72.8664	0.3675	19.9125	2.4648	21.7418	10.1702	2.2980	11.8380	0.0000	38,336.8488	38,336.8488	2.0342	5.0492	39,892.3741
2023	118.9974	42.9527	93.9628	0.2776	19.2582	1.4877	20.7460	5.1660	1.3939	6.5599	0.0000	28,081.6647	28,081.6647	1.7137	1.4423	28,554.3154
Maximum	**118.9974**	**101.1273**	**93.9628**	**0.3675**	**19.9125**	**2.4648**	**21.7418**	**10.1702**	**2.2980**	**11.8380**	**0.0000**	**38,336.8488**	**38,336.8488**	**2.0342**	**5.0492**	**39,892.3741**

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	7.8307	101.1273	72.8664	0.3675	19.9125	2.4648	21.7418	10.1702	2.2980	11.8380	0.0000	38,336.8488	38,336.8488	2.0342	5.0492	39,892.3741
2023	118.9974	42.9527	93.9628	0.2776	19.2582	1.4877	20.7460	5.1660	1.3939	6.5599	0.0000	28,081.6647	28,081.6647	1.7137	1.4423	28,554.3154
Maximum	**118.9974**	**101.1273**	**93.9628**	**0.3675**	**19.9125**	**2.4648**	**21.7418**	**10.1702**	**2.2980**	**11.8380**	**0.0000**	**38,336.8488**	**38,336.8488**	**2.0342**	**5.0492**	**39,892.3741**

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Energy	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364
Mobile	16.1096	171.7482	242.0581	1.5393	112.1131	2.3562	114.4693	30.4343	2.2433	32.6776		159,184.1751	159,184.1751	1.4959	14.1058	163,425.1004
Total	**64.8571**	**176.8220**	**246.7384**	**1.5698**	**112.1131**	**2.7431**	**114.8561**	**30.4343**	**2.6301**	**33.0644**		**165,269.0624**	**165,269.0624**	**1.6149**	**14.2173**	**169,546.2009**

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	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Energy	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364
Mobile	16.1096	171.7482	242.0581	1.5393	112.1131	2.3562	114.4693	30.4343	2.2433	32.6776		159,184.1751	159,184.1751	1.4959	14.1058	163,425.1004
Total	**64.8571**	**176.8220**	**246.7384**	**1.5698**	**112.1131**	**2.7431**	**114.8561**	**30.4343**	**2.6301**	**33.0644**		**165,269.0624**	**165,269.0624**	**1.6149**	**14.2173**	**169,546.2009**

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/4/2022	7/29/2022	5	20	
2	Grading	Grading	8/1/2022	10/17/2022	5	56	
3	Building Construction	Building Construction	10/18/2022	6/28/2023	5	182	
4	Paving	Paving	3/1/2023	6/30/2023	5	88	
5	Architectural Coating	Architectural Coating	3/14/2023	6/30/2023	5	79	

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 168

Acres of Paving: 23.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,597,400; Non-Residential Outdoor: 865,800; Striped Parking Area: 49,464 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40

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

Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	29,450.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,074.00	420.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	216.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.2 Site Preparation - 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					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.5461	36.8986	23.7180	0.0442		1.8116	1.8116		1.6667	1.6667		4,284.3931	4,284.3931	1.3857		4,319.0346
Total	**3.5461**	**36.8986**	**23.7180**	**0.0442**	**19.6570**	**1.8116**	**21.4687**	**10.1025**	**1.6667**	**11.7692**		**4,284.3931**	**4,284.3931**	**1.3857**		**4,319.0346**

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	0.1000	0.0629	0.9109	2.3600e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		238.4731	238.4731	5.8000e-003	5.9300e-003	240.3859
Total	**0.1000**	**0.0629**	**0.9109**	**2.3600e-003**	**0.2555**	**1.2300e-003**	**0.2567**	**0.0678**	**1.1300e-003**	**0.0689**		**238.4731**	**238.4731**	**5.8000e-003**	**5.9300e-003**	**240.3859**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.2 Site Preparation - 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					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.5461	36.8986	23.7180	0.0442		1.8116	1.8116		1.6667	1.6667	0.0000	4,284.3931	4,284.3931	1.3857		4,319.0346
Total	**3.5461**	**36.8986**	**23.7180**	**0.0442**	**19.6570**	**1.8116**	**21.4687**	**10.1025**	**1.6667**	**11.7692**	**0.0000**	**4,284.3931**	**4,284.3931**	**1.3857**		**4,319.0346**

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	0.1000	0.0629	0.9109	2.3600e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		238.4731	238.4731	5.8000e-003	5.9300e-003	240.3859
Total	**0.1000**	**0.0629**	**0.9109**	**2.3600e-003**	**0.2555**	**1.2300e-003**	**0.2567**	**0.0678**	**1.1300e-003**	**0.0689**		**238.4731**	**238.4731**	**5.8000e-003**	**5.9300e-003**	**240.3859**

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

3.3 Grading - 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					
Fugitive Dust					9.7948	0.0000	9.7948	3.7433	0.0000	3.7433			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.7948**	**1.6349**	**11.4297**	**3.7433**	**1.5041**	**5.2474**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.6613	62.2209	16.0428	0.3031	9.2268	0.8286	10.0555	2.5316	0.7928	3.3244		32,086.9652	32,086.9652	0.0842	5.0433	33,591.9723
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	0.1000	0.0629	0.9109	2.3600e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		238.4731	238.4731	5.8000e-003	5.9300e-003	240.3859
Total	**1.7612**	**62.2838**	**16.9537**	**0.3055**	**9.4823**	**0.8299**	**10.3122**	**2.5994**	**0.7939**	**3.3933**		**32,325.4383**	**32,325.4383**	**0.0900**	**5.0492**	**33,832.3582**

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

3.3 Grading - 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					
Fugitive Dust					9.7948	0.0000	9.7948	3.7433	0.0000	3.7433			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.7948**	**1.6349**	**11.4297**	**3.7433**	**1.5041**	**5.2474**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.6613	62.2209	16.0428	0.3031	9.2268	0.8286	10.0555	2.5316	0.7928	3.3244		32,086.9652	32,086.9652	0.0842	5.0433	33,591.9723
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	0.1000	0.0629	0.9109	2.3600e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		238.4731	238.4731	5.8000e-003	5.9300e-003	240.3859
Total	**1.7612**	**62.2838**	**16.9537**	**0.3055**	**9.4823**	**0.8299**	**10.3122**	**2.5994**	**0.7939**	**3.3933**		**32,325.4383**	**32,325.4383**	**0.0900**	**5.0492**	**33,832.3582**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.4 Building Construction - 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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

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	0.7569	16.0756	7.5862	0.0782	2.5767	0.2173	2.7939	0.7422	0.2078	0.9500		8,216.7756	8,216.7756	0.0441	1.1252	8,553.1897
Worker	5.3675	3.3762	48.9168	0.1267	13.7182	0.0660	13.7843	3.6379	0.0608	3.6987		12,806.0038	12,806.0038	0.3114	0.3186	12,908.7216
Total	**6.1244**	**19.4518**	**56.5030**	**0.2049**	**16.2949**	**0.2833**	**16.5782**	**4.3801**	**0.2686**	**4.6488**		**21,022.7794**	**21,022.7794**	**0.3555**	**1.4438**	**21,461.9113**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.4 Building Construction - 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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

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	0.7569	16.0756	7.5862	0.0782	2.5767	0.2173	2.7939	0.7422	0.2078	0.9500		8,216.7756	8,216.7756	0.0441	1.1252	8,553.1897
Worker	5.3675	3.3762	48.9168	0.1267	13.7182	0.0660	13.7843	3.6379	0.0608	3.6987		12,806.0038	12,806.0038	0.3114	0.3186	12,908.7216
Total	**6.1244**	**19.4518**	**56.5030**	**0.2049**	**16.2949**	**0.2833**	**16.5782**	**4.3801**	**0.2686**	**4.6488**		**21,022.7794**	**21,022.7794**	**0.3555**	**1.4438**	**21,461.9113**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.4 Building Construction - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6258	13.4725	7.1636	0.0758	2.5766	0.1317	2.7083	0.7422	0.1260	0.8681		7,971.3699	7,971.3699	0.0374	1.0868	8,296.1734
Worker	4.9499	2.9611	44.5388	0.1226	13.7182	0.0619	13.7801	3.6379	0.0570	3.6949		12,389.6942	12,389.6942	0.2777	0.2924	12,483.7561
Total	**5.5757**	**16.4336**	**51.7024**	**0.1984**	**16.2949**	**0.1936**	**16.4885**	**4.3801**	**0.1830**	**4.5631**		**20,361.0641**	**20,361.0641**	**0.3151**	**1.3792**	**20,779.9295**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.4 Building Construction - 2023

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6258	13.4725	7.1636	0.0758	2.5766	0.1317	2.7083	0.7422	0.1260	0.8681		7,971.3699	7,971.3699	0.0374	1.0868	8,296.1734
Worker	4.9499	2.9611	44.5388	0.1226	13.7182	0.0619	13.7801	3.6379	0.0570	3.6949		12,389.6942	12,389.6942	0.2777	0.2924	12,483.7561
Total	**5.5757**	**16.4336**	**51.7024**	**0.1984**	**16.2949**	**0.1936**	**16.4885**	**4.3801**	**0.1830**	**4.5631**		**20,361.0641**	**20,361.0641**	**0.3151**	**1.3792**	**20,779.9295**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.5 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.7056					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7384**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0737	0.0441	0.6635	1.8300e-003	0.2044	9.2000e-004	0.2053	0.0542	8.5000e-004	0.0551		184.5765	184.5765	4.1400e-003	4.3600e-003	185.9777
Total	**0.0737**	**0.0441**	**0.6635**	**1.8300e-003**	**0.2044**	**9.2000e-004**	**0.2053**	**0.0542**	**8.5000e-004**	**0.0551**		**184.5765**	**184.5765**	**4.1400e-003**	**4.3600e-003**	**185.9777**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.5 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.7056					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7384**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0737	0.0441	0.6635	1.8300e-003	0.2044	9.2000e-004	0.2053	0.0542	8.5000e-004	0.0551		184.5765	184.5765	4.1400e-003	4.3600e-003	185.9777
Total	**0.0737**	**0.0441**	**0.6635**	**1.8300e-003**	**0.2044**	**9.2000e-004**	**0.2053**	**0.0542**	**8.5000e-004**	**0.0551**		**184.5765**	**184.5765**	**4.1400e-003**	**4.3600e-003**	**185.9777**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.6 Architectural Coating - 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					
Archit. Coating	108.8498					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**109.0414**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

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	0.9955	0.5955	8.9575	0.0247	2.7590	0.0125	2.7714	0.7317	0.0115	0.7431		2,491.7821	2,491.7821	0.0559	0.0588	2,510.6996
Total	**0.9955**	**0.5955**	**8.9575**	**0.0247**	**2.7590**	**0.0125**	**2.7714**	**0.7317**	**0.0115**	**0.7431**		**2,491.7821**	**2,491.7821**	**0.0559**	**0.0588**	**2,510.6996**

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

3.6 Architectural Coating - 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					
Archit. Coating	108.8498					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**109.0414**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

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	0.9955	0.5955	8.9575	0.0247	2.7590	0.0125	2.7714	0.7317	0.0115	0.7431		2,491.7821	2,491.7821	0.0559	0.0588	2,510.6996
Total	**0.9955**	**0.5955**	**8.9575**	**0.0247**	**2.7590**	**0.0125**	**2.7714**	**0.7317**	**0.0115**	**0.7431**		**2,491.7821**	**2,491.7821**	**0.0559**	**0.0588**	**2,510.6996**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	16.1096	171.7482	242.0581	1.5393	112.1131	2.3562	114.4693	30.4343	2.2433	32.6776		159,184.1751	159,184.1751	1.4959	14.1058	163,425.1004
Unmitigated	16.1096	171.7482	242.0581	1.5393	112.1131	2.3562	114.4693	30.4343	2.2433	32.6776		159,184.1751	159,184.1751	1.4959	14.1058	163,425.1004

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	2,524.34	3,969.73	3145.25	15,889,814	15,889,814
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	2,105.42	2,105.42	2105.42	11,865,367	11,865,367
Unrefrigerated Warehouse-Rail	455.93	455.93	455.93	6,638,290	6,638,290
User Defined Industrial	687.31	687.31	687.31	10,007,193	10,007,193
Total	5,773.00	7,218.39	6,393.90	44,400,664	44,400,664

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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	16.60	0.00	0.00	100.00	0.00	0.00	92	5	3

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

	Miles			Trip %			Trip Purpose %		
Land Use	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
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	100.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	100.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	0.00	0.00	100.00	0.00	0.00	92	5	3
Unrefrigerated Warehouse-Rail	0.00	0.00	40.00	0.00	0.00	100.00	100	0	0
User Defined Industrial	0.00	0.00	40.00	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Heavy Industry	0.690097	0.051857	0.258046	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Rail	0.690097	0.051857	0.258046	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.240000	0.120000	0.190000	0.450000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.250000	0.130000	0.180000	0.440000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364
NaturalGas Unmitigated	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Heavy Industry	45079.5	0.4862	4.4196	3.7124	0.0265		0.3359	0.3359		0.3359	0.3359		5,303.4747	5,303.4747	0.1017	0.0972	5,334.9906
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5443.3	0.0587	0.5337	0.4483	3.2000e-003		0.0406	0.0406		0.0406	0.0406		640.3883	640.3883	0.0123	0.0117	644.1938
Unrefrigerated Warehouse-Rail	1178.74	0.0127	0.1156	0.0971	6.9000e-004		8.7800e-003	8.7800e-003		8.7800e-003	8.7800e-003		138.6754	138.6754	2.6600e-003	2.5400e-003	139.4995
User Defined Industrial	12.2739	1.3000e-004	1.2000e-003	1.0100e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4440	1.4440	3.0000e-005	3.0000e-005	1.4526
Total		**0.5577**	**5.0700**	**4.2588**	**0.0304**		**0.3853**	**0.3853**		**0.3853**	**0.3853**		**6,083.9824**	**6,083.9824**	**0.1166**	**0.1115**	**6,120.1364**

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Heavy Industry	45.0795	0.4862	4.4196	3.7124	0.0265		0.3359	0.3359		0.3359	0.3359		5,303.4747	5,303.4747	0.1017	0.0972	5,334.9906
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.4433	0.0587	0.5337	0.4483	3.2000e-003		0.0406	0.0406		0.0406	0.0406		640.3883	640.3883	0.0123	0.0117	644.1938
Unrefrigerated Warehouse-Rail	1.17874	0.0127	0.1156	0.0971	6.9000e-004		8.7800e-003	8.7800e-003		8.7800e-003	8.7800e-003		138.6754	138.6754	2.6600e-003	2.5400e-003	139.4995
User Defined Industrial	0.0122739	1.3000e-004	1.2000e-003	1.0100e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4440	1.4440	3.0000e-005	3.0000e-005	1.4526
Total		**0.5577**	**5.0700**	**4.2588**	**0.0304**		**0.3853**	**0.3853**		**0.3853**	**0.3853**		**6,083.9824**	**6,083.9824**	**0.1166**	**0.1115**	**6,120.1364**

6.0 Area Detail

6.1 Mitigation Measures Area

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Unmitigated	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641

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	11.1515					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	36.9994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0389	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Total	**48.1899**	**3.8300e-003**	**0.4215**	**3.0000e-005**		**1.5000e-003**	**1.5000e-003**		**1.5000e-003**	**1.5000e-003**		**0.9050**	**0.9050**	**2.3600e-003**		**0.9641**

I-15 Industrial - Without Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.1515					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	36.9994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0389	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Total	**48.1899**	**3.8300e-003**	**0.4215**	**3.0000e-005**		**1.5000e-003**	**1.5000e-003**		**1.5000e-003**	**1.5000e-003**		**0.9050**	**0.9050**	**2.3600e-003**		**0.9641**

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

With Regulation and RPS

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

I-15 Industrial - With Regulation and RPS

Mojave Desert AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	508.94	1000sqft	12.22	508,940.00	0
Unrefrigerated Warehouse-No Rail	988.46	1000sqft	22.69	988,460.00	0
Unrefrigerated Warehouse-Rail	214.05	1000sqft	2.15	214,050.00	0
User Defined Industrial	138.57	User Defined Unit	1.00	138.57	0
Other Asphalt Surfaces	224.22	1000sqft	5.15	224,220.00	0
Parking Lot	789.00	Space	7.10	315,600.00	0
Parking Lot	1,272.00	Space	11.45	508,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	30
Climate Zone	10			**Operational Year**	2024
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 - Project-specific values.

Construction Phase - Project-specific values.

Off-road Equipment - Default CalEEMod values.

Trips and VMT - Project-specific values.

Grading - Default CalEEMod values.

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

Architectural Coating - Project-specific values.

Vehicle Trips - Project-specific values.

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Energy Use - Project-specific values.

Water And Wastewater - Project-specific values based on water supply assesment. All project water usage (indoor and outdoor) assumed under the "Unrefrigerated Warehouse-No Rail" land use indoor consumption.

Solid Waste - Project-specific values.

Fleet Mix - Project-specific values.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	855,794.00	865,800.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,567,383.00	2,597,400.00
tblArchitecturalCoating	ConstArea_Parking	62,917.00	49,464.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	855794	865800
tblAreaCoating	Area_Nonresidential_Interior	2567383	2597400
tblAreaCoating	Area_Parking	62917	49464
tblConstructionPhase	NumDays	75.00	79.00
tblConstructionPhase	NumDays	1,110.00	182.00
tblConstructionPhase	NumDays	110.00	56.00
tblConstructionPhase	NumDays	75.00	88.00
tblConstructionPhase	NumDays	40.00	20.00
tblEnergyUse	LightingElect	0.00	2.93
tblEnergyUse	NT24E	0.00	5.02
tblEnergyUse	NT24NG	0.00	17.13
tblEnergyUse	T24E	0.00	1.97
tblEnergyUse	T24NG	0.00	15.20

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

tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.45
tblFleetMix	HHD	0.02	0.44
tblFleetMix	LDA	0.53	0.69
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDA	0.53	1.00
tblFleetMix	LDA	0.53	0.69
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDT1	0.06	0.05
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.05
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.26
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.26
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.24

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

tblFleetMix	LHD1	0.03	0.25
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.12
tblFleetMix	LHD2	7.6920e-003	0.13
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00

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

tblFleetMix	MHD	6.1550e-003	0.19
tblFleetMix	MHD	6.1550e-003	0.18
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblGrading	MaterialExported	0.00	235,599.00
tblLandUse	LandUseSquareFeet	0.00	138.57
tblLandUse	LotAcreage	11.68	12.22
tblLandUse	LotAcreage	4.91	2.15
tblLandUse	LotAcreage	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Site Preparation
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	631.09	659.99

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

tblSolidWaste	SolidWasteGenerationRate	201.21	128.86
tblSolidWaste	SolidWasteGenerationRate	0.00	91.53
tblTripsAndVMT	VendorTripNumber	452.00	420.00
tblTripsAndVMT	WorkerTripNumber	1,159.00	1,074.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	232.00	216.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	40.00
tblVehicleTrips	CNW_TL	6.60	40.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CNW_TTP	0.00	100.00
tblVehicleTrips	CW_TL	14.70	16.60
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TL	14.70	16.60
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00

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

tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	6.42	7.80
tblVehicleTrips	ST_TR	1.74	2.13
tblVehicleTrips	ST_TR	1.74	2.13
tblVehicleTrips	ST_TR	0.00	4.96
tblVehicleTrips	SU_TR	5.09	6.18
tblVehicleTrips	SU_TR	1.74	2.13
tblVehicleTrips	SU_TR	1.74	2.13
tblVehicleTrips	SU_TR	0.00	4.96
tblVehicleTrips	WD_TR	3.93	4.96
tblVehicleTrips	WD_TR	1.74	2.13
tblVehicleTrips	WD_TR	1.74	2.13
tblVehicleTrips	WD_TR	0.00	4.96
tblWater	IndoorWaterUseRate	117,692,375.00	0.00
tblWater	IndoorWaterUseRate	228,581,375.00	30,976,820.00
tblWater	IndoorWaterUseRate	49,499,062.50	0.00

2.0 Emissions Summary

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

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0417	0.4745	0.2908	8.3000e-004	0.3201	0.0206	0.3407	0.1197	0.0190	0.1387	0.0000	75.6164	75.6164	0.0145	4.6400e-003	77.3610
2023	5.1345	5.8801	7.7789	0.0313	2.0932	0.1657	2.2589	0.5938	0.1552	0.7489	0.0000	2,902.6566	2,902.6566	0.1571	0.2377	2,977.4117
Maximum	**5.1345**	**5.8801**	**7.7789**	**0.0313**	**2.0932**	**0.1657**	**2.2589**	**0.5938**	**0.1552**	**0.7489**	**0.0000**	**2,902.6566**	**2,902.6566**	**0.1571**	**0.2377**	**2,977.4117**

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	0.0417	0.4745	0.2908	8.3000e-004	0.3201	0.0206	0.3407	0.1197	0.0190	0.1387	0.0000	75.6164	75.6164	0.0145	4.6400e-003	77.3609
2023	5.1345	5.8801	7.7789	0.0313	2.0932	0.1657	2.2589	0.5938	0.1552	0.7489	0.0000	2,902.6561	2,902.6561	0.1571	0.2377	2,977.4112
Maximum	**5.1345**	**5.8801**	**7.7789**	**0.0313**	**2.0932**	**0.1657**	**2.2589**	**0.5938**	**0.1552**	**0.7489**	**0.0000**	**2,902.6561**	**2,902.6561**	**0.1571**	**0.2377**	**2,977.4112**

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	**12-1-2022**	**2-28-2023**	2.5370	2.5370
2	**3-1-2023**	**5-31-2023**	1.5798	1.5798
3	**6-1-2023**	**8-31-2023**	2.6202	2.6202
4	**9-1-2023**	**9-30-2023**	1.7352	1.7352
		Highest	2.6202	2.6202

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.7911	3.4000e-004	0.0379	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0739	0.0739	1.9000e-004	0.0000	0.0787
Energy	0.1018	0.9253	0.7772	5.5500e-003		0.0703	0.0703		0.0703	0.0703	0.0000	2,448.8111	2,448.8111	0.1410	0.0332	2,462.2334
Mobile	2.1615	32.8907	33.1161	0.2515	17.6408	0.4187	18.0594	4.8123	0.3989	5.2112	0.0000	23,658.5896	23,658.5896	0.2143	2.3019	24,349.8988
Waste						0.0000	0.0000		0.0000	0.0000	367.3182	0.0000	367.3182	21.7079	0.0000	910.0154
Water						0.0000	0.0000		0.0000	0.0000	9.8275	71.5322	81.3597	1.0154	0.0246	114.0657
Total	**11.0543**	**33.8163**	**33.9313**	**0.2571**	**17.6408**	**0.4891**	**18.1299**	**4.8123**	**0.4694**	**5.2817**	**377.1458**	**26,179.0067**	**26,556.1524**	**23.0787**	**2.3596**	**27,836.2919**

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.7911	3.4000e-004	0.0379	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0739	0.0739	1.9000e-004	0.0000	0.0787
Energy	0.1018	0.9253	0.7772	5.5500e-003		0.0703	0.0703		0.0703	0.0703	0.0000	2,448.8111	2,448.8111	0.1410	0.0332	2,462.2334
Mobile	2.1615	32.8907	33.1161	0.2515	17.6408	0.4187	18.0594	4.8123	0.3989	5.2112	0.0000	23,658.5896	23,658.5896	0.2143	2.3019	24,349.8988
Waste						0.0000	0.0000		0.0000	0.0000	367.3182	0.0000	367.3182	21.7079	0.0000	910.0154
Water						0.0000	0.0000		0.0000	0.0000	9.8275	71.5322	81.3597	1.0154	0.0246	114.0657
Total	**11.0543**	**33.8163**	**33.9313**	**0.2571**	**17.6408**	**0.4891**	**18.1299**	**4.8123**	**0.4694**	**5.2817**	**377.1458**	**26,179.0067**	**26,556.1524**	**23.0787**	**2.3596**	**27,836.2919**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	12/1/2022	12/28/2022	5	20	
2	Grading	Grading	12/29/2022	3/16/2023	5	56	
3	Building Construction	Building Construction	3/17/2023	11/27/2023	5	182	

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

4	Paving	Paving	8/1/2023	11/30/2023	5	88	
5	Architectural Coating	Architectural Coating	8/1/2023	11/17/2023	5	79	

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 168

Acres of Paving: 23.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,597,400; Non-Residential Outdoor: 865,800; Striped Parking Area: 49,464 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	29,450.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,074.00	420.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	216.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 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					
Fugitive Dust					0.1966	0.0000	0.1966	0.1010	0.0000	0.1010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0355	0.3690	0.2372	4.4000e-004		0.0181	0.0181		0.0167	0.0167	0.0000	38.8674	38.8674	0.0126	0.0000	39.1816
Total	**0.0355**	**0.3690**	**0.2372**	**4.4000e-004**	**0.1966**	**0.0181**	**0.2147**	**0.1010**	**0.0167**	**0.1177**	**0.0000**	**38.8674**	**38.8674**	**0.0126**	**0.0000**	**39.1816**

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

3.2 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6000e-004	6.9000e-004	7.6100e-003	2.0000e-005	2.5100e-003	1.0000e-005	2.5200e-003	6.7000e-004	1.0000e-005	6.8000e-004	0.0000	1.9745	1.9745	5.0000e-005	6.0000e-005	1.9929
Total	**8.6000e-004**	**6.9000e-004**	**7.6100e-003**	**2.0000e-005**	**2.5100e-003**	**1.0000e-005**	**2.5200e-003**	**6.7000e-004**	**1.0000e-005**	**6.8000e-004**	**0.0000**	**1.9745**	**1.9745**	**5.0000e-005**	**6.0000e-005**	**1.9929**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1966	0.0000	0.1966	0.1010	0.0000	0.1010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0355	0.3690	0.2372	4.4000e-004		0.0181	0.0181		0.0167	0.0167	0.0000	38.8673	38.8673	0.0126	0.0000	39.1816
Total	**0.0355**	**0.3690**	**0.2372**	**4.4000e-004**	**0.1966**	**0.0181**	**0.2147**	**0.1010**	**0.0167**	**0.1177**	**0.0000**	**38.8673**	**38.8673**	**0.0126**	**0.0000**	**39.1816**

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

3.2 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6000e-004	6.9000e-004	7.6100e-003	2.0000e-005	2.5100e-003	1.0000e-005	2.5200e-003	6.7000e-004	1.0000e-005	6.8000e-004	0.0000	1.9745	1.9745	5.0000e-005	6.0000e-005	1.9929
Total	**8.6000e-004**	**6.9000e-004**	**7.6100e-003**	**2.0000e-005**	**2.5100e-003**	**1.0000e-005**	**2.5200e-003**	**6.7000e-004**	**1.0000e-005**	**6.8000e-004**	**0.0000**	**1.9745**	**1.9745**	**5.0000e-005**	**6.0000e-005**	**1.9929**

3.3 Grading - 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					
Fugitive Dust					0.1117	0.0000	0.1117	0.0154	0.0000	0.0154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6200e-003	0.0388	0.0290	6.0000e-005		1.6300e-003	1.6300e-003		1.5000e-003	1.5000e-003	0.0000	5.4535	5.4535	1.7600e-003	0.0000	5.4976
Total	**3.6200e-003**	**0.0388**	**0.0290**	**6.0000e-005**	**0.1117**	**1.6300e-003**	**0.1133**	**0.0154**	**1.5000e-003**	**0.0169**	**0.0000**	**5.4535**	**5.4535**	**1.7600e-003**	**0.0000**	**5.4976**

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

3.3 Grading - 2022

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	1.6200e-003	0.0659	0.0162	3.0000e-004	9.0800e-003	8.3000e-004	9.9100e-003	2.5000e-003	7.9000e-004	3.2900e-003	0.0000	29.1236	29.1236	7.0000e-005	4.5800e-003	30.4896
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	7.0000e-005	7.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1975	0.1975	1.0000e-005	1.0000e-005	0.1993
Total	**1.7100e-003**	**0.0660**	**0.0170**	**3.0000e-004**	**9.3300e-003**	**8.3000e-004**	**0.0102**	**2.5700e-003**	**7.9000e-004**	**3.3600e-003**	**0.0000**	**29.3211**	**29.3211**	**8.0000e-005**	**4.5900e-003**	**30.6889**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1117	0.0000	0.1117	0.0154	0.0000	0.0154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6200e-003	0.0388	0.0290	6.0000e-005		1.6300e-003	1.6300e-003		1.5000e-003	1.5000e-003	0.0000	5.4535	5.4535	1.7600e-003	0.0000	5.4976
Total	**3.6200e-003**	**0.0388**	**0.0290**	**6.0000e-005**	**0.1117**	**1.6300e-003**	**0.1133**	**0.0154**	**1.5000e-003**	**0.0169**	**0.0000**	**5.4535**	**5.4535**	**1.7600e-003**	**0.0000**	**5.4976**

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

3.3 Grading - 2022

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	1.6200e-003	0.0659	0.0162	3.0000e-004	9.0800e-003	8.3000e-004	9.9100e-003	2.5000e-003	7.9000e-004	3.2900e-003	0.0000	29.1236	29.1236	7.0000e-005	4.5800e-003	30.4896
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	7.0000e-005	7.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1975	0.1975	1.0000e-005	1.0000e-005	0.1993
Total	**1.7100e-003**	**0.0660**	**0.0170**	**3.0000e-004**	**9.3300e-003**	**8.3000e-004**	**0.0102**	**2.5700e-003**	**7.9000e-004**	**3.3600e-003**	**0.0000**	**29.3211**	**29.3211**	**8.0000e-005**	**4.5900e-003**	**30.6889**

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2682	0.0000	0.2682	0.1015	0.0000	0.1015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0897	0.9319	0.7574	1.6800e-003		0.0385	0.0385		0.0354	0.0354	0.0000	147.2451	147.2451	0.0476	0.0000	148.4356
Total	**0.0897**	**0.9319**	**0.7574**	**1.6800e-003**	**0.2682**	**0.0385**	**0.3067**	**0.1015**	**0.0354**	**0.1369**	**0.0000**	**147.2451**	**147.2451**	**0.0476**	**0.0000**	**148.4356**

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

3.3 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive 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	0.0355	1.5205	0.4356	7.9100e-003	0.2453	0.0201	0.2654	0.0674	0.0192	0.0867	0.0000	760.1605	760.1605	1.6800e-003	0.1195	795.8072
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	2.1500e-003	1.6300e-003	0.0187	6.0000e-005	6.7700e-003	3.0000e-005	6.8100e-003	1.8000e-003	3.0000e-005	1.8300e-003	0.0000	5.1593	5.1593	1.3000e-004	1.4000e-004	5.2048
Total	**0.0376**	**1.5221**	**0.4543**	**7.9700e-003**	**0.2520**	**0.0201**	**0.2722**	**0.0692**	**0.0193**	**0.0885**	**0.0000**	**765.3198**	**765.3198**	**1.8100e-003**	**0.1196**	**801.0120**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2682	0.0000	0.2682	0.1015	0.0000	0.1015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0897	0.9319	0.7574	1.6800e-003		0.0385	0.0385		0.0354	0.0354	0.0000	147.2449	147.2449	0.0476	0.0000	148.4354
Total	**0.0897**	**0.9319**	**0.7574**	**1.6800e-003**	**0.2682**	**0.0385**	**0.3067**	**0.1015**	**0.0354**	**0.1369**	**0.0000**	**147.2449**	**147.2449**	**0.0476**	**0.0000**	**148.4354**

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

3.3 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0355	1.5205	0.4356	7.9100e-003	0.2453	0.0201	0.2654	0.0674	0.0192	0.0867	0.0000	760.1605	760.1605	1.6800e-003	0.1195	795.8072
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	2.1500e-003	1.6300e-003	0.0187	6.0000e-005	6.7700e-003	3.0000e-005	6.8100e-003	1.8000e-003	3.0000e-005	1.8300e-003	0.0000	5.1593	5.1593	1.3000e-004	1.4000e-004	5.2048
Total	**0.0376**	**1.5221**	**0.4543**	**7.9700e-003**	**0.2520**	**0.0201**	**0.2722**	**0.0692**	**0.0193**	**0.0885**	**0.0000**	**765.3198**	**765.3198**	**1.8100e-003**	**0.1196**	**801.0120**

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1431	1.3090	1.4782	2.4500e-003		0.0637	0.0637		0.0599	0.0599	0.0000	210.9423	210.9423	0.0502	0.0000	212.1968
Total	**0.1431**	**1.3090**	**1.4782**	**2.4500e-003**		**0.0637**	**0.0637**		**0.0599**	**0.0599**	**0.0000**	**210.9423**	**210.9423**	**0.0502**	**0.0000**	**212.1968**

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

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0546	1.2936	0.6642	6.9100e-003	0.2311	0.0120	0.2431	0.0667	0.0115	0.0782	0.0000	658.9199	658.9199	3.0300e-003	0.0900	685.8146
Worker	0.3891	0.2956	3.3911	0.0102	1.2261	5.6300e-003	1.2317	0.3256	5.1900e-003	0.3308	0.0000	933.7822	933.7822	0.0231	0.0256	942.0012
Total	**0.4437**	**1.5892**	**4.0553**	**0.0171**	**1.4571**	**0.0176**	**1.4747**	**0.3923**	**0.0167**	**0.4089**	**0.0000**	**1,592.7021**	**1,592.7021**	**0.0262**	**0.1156**	**1,627.8158**

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	0.1431	1.3090	1.4782	2.4500e-003		0.0637	0.0637		0.0599	0.0599	0.0000	210.9421	210.9421	0.0502	0.0000	212.1966
Total	**0.1431**	**1.3090**	**1.4782**	**2.4500e-003**		**0.0637**	**0.0637**		**0.0599**	**0.0599**	**0.0000**	**210.9421**	**210.9421**	**0.0502**	**0.0000**	**212.1966**

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

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0546	1.2936	0.6642	6.9100e-003	0.2311	0.0120	0.2431	0.0667	0.0115	0.0782	0.0000	658.9199	658.9199	3.0300e-003	0.0900	685.8146
Worker	0.3891	0.2956	3.3911	0.0102	1.2261	5.6300e-003	1.2317	0.3256	5.1900e-003	0.3308	0.0000	933.7822	933.7822	0.0231	0.0256	942.0012
Total	**0.4437**	**1.5892**	**4.0553**	**0.0171**	**1.4571**	**0.0176**	**1.4747**	**0.3923**	**0.0167**	**0.4089**	**0.0000**	**1,592.7021**	**1,592.7021**	**0.0262**	**0.1156**	**1,627.8158**

3.5 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0454	0.4484	0.6417	1.0000e-003		0.0225	0.0225		0.0207	0.0207	0.0000	88.1182	88.1182	0.0285	0.0000	88.8307
Paving	0.0311					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0765**	**0.4484**	**0.6417**	**1.0000e-003**		**0.0225**	**0.0225**		**0.0207**	**0.0207**	**0.0000**	**88.1182**	**88.1182**	**0.0285**	**0.0000**	**88.8307**

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

3.5 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-003	2.1300e-003	0.0244	7.0000e-005	8.8300e-003	4.0000e-005	8.8700e-003	2.3500e-003	4.0000e-005	2.3800e-003	0.0000	6.7262	6.7262	1.7000e-004	1.8000e-004	6.7855
Total	**2.8000e-003**	**2.1300e-003**	**0.0244**	**7.0000e-005**	**8.8300e-003**	**4.0000e-005**	**8.8700e-003**	**2.3500e-003**	**4.0000e-005**	**2.3800e-003**	**0.0000**	**6.7262**	**6.7262**	**1.7000e-004**	**1.8000e-004**	**6.7855**

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	0.4484	0.6417	1.0000e-003		0.0225	0.0225		0.0207	0.0207	0.0000	88.1181	88.1181	0.0285	0.0000	88.8306
Paving	0.0311					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0765**	**0.4484**	**0.6417**	**1.0000e-003**		**0.0225**	**0.0225**		**0.0207**	**0.0207**	**0.0000**	**88.1181**	**88.1181**	**0.0285**	**0.0000**	**88.8306**

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

3.5 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-003	2.1300e-003	0.0244	7.0000e-005	8.8300e-003	4.0000e-005	8.8700e-003	2.3500e-003	4.0000e-005	2.3800e-003	0.0000	6.7262	6.7262	1.7000e-004	1.8000e-004	6.7855
Total	**2.8000e-003**	**2.1300e-003**	**0.0244**	**7.0000e-005**	**8.8300e-003**	**4.0000e-005**	**8.8700e-003**	**2.3500e-003**	**4.0000e-005**	**2.3800e-003**	**0.0000**	**6.7262**	**6.7262**	**1.7000e-004**	**1.8000e-004**	**6.7855**

3.6 Architectural Coating - 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					
Archit. Coating	4.2996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5700e-003	0.0515	0.0715	1.2000e-004		2.8000e-003	2.8000e-003		2.8000e-003	2.8000e-003	0.0000	10.0854	10.0854	6.0000e-004	0.0000	10.1004
Total	**4.3071**	**0.0515**	**0.0715**	**1.2000e-004**		**2.8000e-003**	**2.8000e-003**		**2.8000e-003**	**2.8000e-003**	**0.0000**	**10.0854**	**10.0854**	**6.0000e-004**	**0.0000**	**10.1004**

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

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0340	0.0258	0.2960	8.9000e-004	0.1070	4.9000e-004	0.1075	0.0284	4.5000e-004	0.0289	0.0000	81.5175	81.5175	2.0200e-003	2.2400e-003	82.2350
Total	**0.0340**	**0.0258**	**0.2960**	**8.9000e-004**	**0.1070**	**4.9000e-004**	**0.1075**	**0.0284**	**4.5000e-004**	**0.0289**	**0.0000**	**81.5175**	**81.5175**	**2.0200e-003**	**2.2400e-003**	**82.2350**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.2996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5700e-003	0.0515	0.0715	1.2000e-004		2.8000e-003	2.8000e-003		2.8000e-003	2.8000e-003	0.0000	10.0853	10.0853	6.0000e-004	0.0000	10.1004
Total	**4.3071**	**0.0515**	**0.0715**	**1.2000e-004**		**2.8000e-003**	**2.8000e-003**		**2.8000e-003**	**2.8000e-003**	**0.0000**	**10.0853**	**10.0853**	**6.0000e-004**	**0.0000**	**10.1004**

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

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0340	0.0258	0.2960	8.9000e-004	0.1070	4.9000e-004	0.1075	0.0284	4.5000e-004	0.0289	0.0000	81.5175	81.5175	2.0200e-003	2.2400e-003	82.2350
Total	**0.0340**	**0.0258**	**0.2960**	**8.9000e-004**	**0.1070**	**4.9000e-004**	**0.1075**	**0.0284**	**4.5000e-004**	**0.0289**	**0.0000**	**81.5175**	**81.5175**	**2.0200e-003**	**2.2400e-003**	**82.2350**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.1615	32.8907	33.1161	0.2515	17.6408	0.4187	18.0594	4.8123	0.3989	5.2112	0.0000	23,658.5896	23,658.5896	0.2143	2.3019	24,349.8988
Unmitigated	2.1615	32.8907	33.1161	0.2515	17.6408	0.4187	18.0594	4.8123	0.3989	5.2112	0.0000	23,658.5896	23,658.5896	0.2143	2.3019	24,349.8988

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	2,524.34	3,969.73	3145.25	15,889,814	15,889,814
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	2,105.42	2,105.42	2105.42	11,865,367	11,865,367
Unrefrigerated Warehouse-Rail	455.93	455.93	455.93	6,638,290	6,638,290
User Defined Industrial	687.31	687.31	687.31	10,007,193	10,007,193
Total	5,773.00	7,218.39	6,393.90	44,400,664	44,400,664

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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	16.60	0.00	0.00	100.00	0.00	0.00	92	5	3
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	100.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	100.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	0.00	0.00	100.00	0.00	0.00	92	5	3

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

	Miles			Trip %			Trip Purpose %		
Land Use	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
Unrefrigerated Warehouse-Rail	0.00	0.00	40.00	0.00	0.00	100.00	100	0	0
User Defined Industrial	0.00	0.00	40.00	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.690097	0.051857	0.258046	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Rail	0.690097	0.051857	0.258046	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.240000	0.120000	0.190000	0.450000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.250000	0.130000	0.180000	0.440000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,441.5395	1,441.5395	0.1217	0.0148	1,448.9762
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,441.5395	1,441.5395	0.1217	0.0148	1,448.9762
NaturalGas Mitigated	0.1018	0.9253	0.7772	5.5500e-003		0.0703	0.0703		0.0703	0.0703	0.0000	1,007.2715	1,007.2715	0.0193	0.0185	1,013.2572
NaturalGas Unmitigated	0.1018	0.9253	0.7772	5.5500e-003		0.0703	0.0703		0.0703	0.0703	0.0000	1,007.2715	1,007.2715	0.0193	0.0185	1,013.2572

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Heavy Industry	1.6454e+007	0.0887	0.8066	0.6775	4.8400e-003		0.0613	0.0613		0.0613	0.0613	0.0000	878.0497	878.0497	0.0168	0.0161	883.2675
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.9868e+006	0.0107	0.0974	0.0818	5.8000e-004		7.4000e-003	7.4000e-003		7.4000e-003	7.4000e-003	0.0000	106.0235	106.0235	2.0300e-003	1.9400e-003	106.6535
Unrefrigerated Warehouse-Rail	430240	2.3200e-003	0.0211	0.0177	1.3000e-004		1.6000e-003	1.6000e-003		1.6000e-003	1.6000e-003	0.0000	22.9593	22.9593	4.4000e-004	4.2000e-004	23.0957
User Defined Industrial	4479.97	2.0000e-005	2.2000e-004	1.8000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2391	0.2391	0.0000	0.0000	0.2405
Total		**0.1018**	**0.9253**	**0.7772**	**5.5500e-003**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**1,007.2715**	**1,007.2715**	**0.0193**	**0.0185**	**1,013.2572**

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

5.2 Energy by Land Use - NaturalGas

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					
General Heavy Industry	1.6454e+007	0.0887	0.8066	0.6775	4.8400e-003		0.0613	0.0613		0.0613	0.0613	0.0000	878.0497	878.0497	0.0168	0.0161	883.2675
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.9868e+006	0.0107	0.0974	0.0818	5.8000e-004		7.4000e-003	7.4000e-003		7.4000e-003	7.4000e-003	0.0000	106.0235	106.0235	2.0300e-003	1.9400e-003	106.6535
Unrefrigerated Warehouse-Rail	430240	2.3200e-003	0.0211	0.0177	1.3000e-004		1.6000e-003	1.6000e-003		1.6000e-003	1.6000e-003	0.0000	22.9593	22.9593	4.4000e-004	4.2000e-004	23.0957
User Defined Industrial	4479.97	2.0000e-005	2.2000e-004	1.8000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2391	0.2391	0.0000	0.0000	0.2405
Total		**0.1018**	**0.9253**	**0.7772**	**5.5500e-003**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**1,007.2715**	**1,007.2715**	**0.0193**	**0.0185**	**1,013.2572**

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Heavy Industry	5.04868e+006	895.3618	0.0756	9.1600e-003	899.9808
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	110460	19.5896	1.6500e-003	2.0000e-004	19.6907
Parking Lot	178080	31.5817	2.6700e-003	3.2000e-004	31.7446
Unrefrigerated Warehouse-No Rail	2.29323e+006	406.6936	0.0343	4.1600e-003	408.7917
Unrefrigerated Warehouse-Rail	496596	88.0691	7.4300e-003	9.0000e-004	88.5234
User Defined Industrial	1374.61	0.2438	2.0000e-005	0.0000	0.2450
Total		**1,441.5395**	**0.1217**	**0.0147**	**1,448.9762**

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

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Heavy Industry	5.04868e+006	895.3618	0.0756	9.1600e-003	899.9808
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	110460	19.5896	1.6500e-003	2.0000e-004	19.6907
Parking Lot	178080	31.5817	2.6700e-003	3.2000e-004	31.7446
Unrefrigerated Warehouse-No Rail	2.29323e+006	406.6936	0.0343	4.1600e-003	408.7917
Unrefrigerated Warehouse-Rail	496596	88.0691	7.4300e-003	9.0000e-004	88.5234
User Defined Industrial	1374.61	0.2438	2.0000e-005	0.0000	0.2450
Total		**1,441.5395**	**0.1217**	**0.0147**	**1,448.9762**

6.0 Area Detail

6.1 Mitigation Measures Area

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	8.7911	3.4000e-004	0.0379	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0739	0.0739	1.9000e-004	0.0000	0.0787
Unmitigated	8.7911	3.4000e-004	0.0379	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0739	0.0739	1.9000e-004	0.0000	0.0787

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	2.0352					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.7524					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.5000e-003	3.4000e-004	0.0379	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0739	0.0739	1.9000e-004	0.0000	0.0787
Total	**8.7910**	**3.4000e-004**	**0.0379**	**0.0000**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**0.0739**	**0.0739**	**1.9000e-004**	**0.0000**	**0.0787**

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.0352					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.7524					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.5000e-003	3.4000e-004	0.0379	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0739	0.0739	1.9000e-004	0.0000	0.0787
Total	**8.7910**	**3.4000e-004**	**0.0379**	**0.0000**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**0.0739**	**0.0739**	**1.9000e-004**	**0.0000**	**0.0787**

7.0 Water Detail

7.1 Mitigation Measures Water

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	81.3597	1.0154	0.0246	114.0657
Unmitigated	81.3597	1.0154	0.0246	114.0657

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

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	30.9768 / 0	81.3597	1.0154	0.0246	114.0657
Unrefrigerated Warehouse-Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**81.3597**	**1.0154**	**0.0246**	**114.0657**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	30.9768 / 0	81.3597	1.0154	0.0246	114.0657
Unrefrigerated Warehouse-Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**81.3597**	**1.0154**	**0.0246**	**114.0657**

8.0 Waste Detail

8.1 Mitigation Measures Waste

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	367.3182	21.7079	0.0000	910.0154
Unmitigated	367.3182	21.7079	0.0000	910.0154

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Heavy Industry	659.99	133.9720	7.9175	0.0000	331.9100
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	929.15	188.6091	11.1465	0.0000	467.2710
Unrefrigerated Warehouse-Rail	128.86	26.1574	1.5459	0.0000	64.8039
User Defined Industrial	91.53	18.5798	1.0980	0.0000	46.0306
Total		**367.3182**	**21.7079**	**0.0000**	**910.0154**

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

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Heavy Industry	659.99	133.9720	7.9175	0.0000	331.9100
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	929.15	188.6091	11.1465	0.0000	467.2710
Unrefrigerated Warehouse-Rail	128.86	26.1574	1.5459	0.0000	64.8039
User Defined Industrial	91.53	18.5798	1.0980	0.0000	46.0306
Total		**367.3182**	**21.7079**	**0.0000**	**910.0154**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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

I-15 Industrial - With Regulation and RPS

Mojave Desert AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	508.94	1000sqft	12.22	508,940.00	0
Unrefrigerated Warehouse-No Rail	988.46	1000sqft	22.69	988,460.00	0
Unrefrigerated Warehouse-Rail	214.05	1000sqft	2.15	214,050.00	0
User Defined Industrial	138.57	User Defined Unit	1.00	138.57	0
Other Asphalt Surfaces	224.22	1000sqft	5.15	224,220.00	0
Parking Lot	789.00	Space	7.10	315,600.00	0
Parking Lot	1,272.00	Space	11.45	508,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	30
Climate Zone	10			**Operational Year**	2024
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 - Project-specific values.

Construction Phase - Project-specific values.

Off-road Equipment - Default CalEEMod values.

Trips and VMT - Project-specific values.

Grading - Default CalEEMod values.

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

Architectural Coating - Project-specific values.

Vehicle Trips - Project-specific values.

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Energy Use - Project-specific values.

Water And Wastewater - Project-specific values based on water supply assesment. All project water usage (indoor and outdoor) assumed under the "Unrefrigerated Warehouse-No Rail" land use indoor consumption.

Solid Waste - Project-specific values.

Fleet Mix - Project-specific values.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	855,794.00	865,800.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,567,383.00	2,597,400.00
tblArchitecturalCoating	ConstArea_Parking	62,917.00	49,464.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	855794	865800
tblAreaCoating	Area_Nonresidential_Interior	2567383	2597400
tblAreaCoating	Area_Parking	62917	49464
tblConstructionPhase	NumDays	40.00	20.00
tblConstructionPhase	NumDays	110.00	56.00
tblConstructionPhase	NumDays	1,110.00	182.00
tblConstructionPhase	NumDays	75.00	88.00
tblConstructionPhase	NumDays	75.00	79.00
tblEnergyUse	LightingElect	0.00	2.93
tblEnergyUse	NT24E	0.00	5.02
tblEnergyUse	NT24NG	0.00	17.13
tblEnergyUse	T24E	0.00	1.97
tblEnergyUse	T24NG	0.00	15.20

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

tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.45
tblFleetMix	HHD	0.02	0.44
tblFleetMix	LDA	0.53	0.69
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDA	0.53	1.00
tblFleetMix	LDA	0.53	0.69
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDT1	0.06	0.05
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.05
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.26
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.26
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.24

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

tblFleetMix	LHD1	0.03	0.25
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.12
tblFleetMix	LHD2	7.6920e-003	0.13
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00

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

tblFleetMix	MHD	6.1550e-003	0.19
tblFleetMix	MHD	6.1550e-003	0.18
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblGrading	MaterialExported	0.00	235,599.00
tblLandUse	LandUseSquareFeet	0.00	138.57
tblLandUse	LotAcreage	11.68	12.22
tblLandUse	LotAcreage	4.91	2.15
tblLandUse	LotAcreage	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Site Preparation
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	631.09	659.99

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

tblSolidWaste	SolidWasteGenerationRate	201.21	128.86
tblSolidWaste	SolidWasteGenerationRate	0.00	91.53
tblTripsAndVMT	VendorTripNumber	452.00	420.00
tblTripsAndVMT	WorkerTripNumber	1,159.00	1,074.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	232.00	216.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	40.00
tblVehicleTrips	CNW_TL	6.60	40.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CNW_TTP	0.00	100.00
tblVehicleTrips	CW_TL	14.70	16.60
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TL	14.70	16.60
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00

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

tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	6.42	7.80
tblVehicleTrips	ST_TR	1.74	2.13
tblVehicleTrips	ST_TR	1.74	2.13
tblVehicleTrips	ST_TR	0.00	4.96
tblVehicleTrips	SU_TR	5.09	6.18
tblVehicleTrips	SU_TR	1.74	2.13
tblVehicleTrips	SU_TR	1.74	2.13
tblVehicleTrips	SU_TR	0.00	4.96
tblVehicleTrips	WD_TR	3.93	4.96
tblVehicleTrips	WD_TR	1.74	2.13
tblVehicleTrips	WD_TR	1.74	2.13
tblVehicleTrips	WD_TR	0.00	4.96
tblWater	IndoorWaterUseRate	117,692,375.00	0.00
tblWater	IndoorWaterUseRate	228,581,375.00	30,976,820.00
tblWater	IndoorWaterUseRate	49,499,062.50	0.00

2.0 Emissions Summary

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	5.2750	104.5572	46.2667	0.3676	19.9125	2.4658	21.7429	10.1702	2.2991	11.8380	0.0000	38,348.9330	38,348.9330	2.0292	5.0555	39,906.1936
2023	118.5838	90.8902	82.2491	0.3576	19.2769	2.1711	21.4481	6.3426	2.0248	8.3674	0.0000	37,286.7614	37,286.7614	2.0149	4.8890	38,794.0637
Maximum	**118.5838**	**104.5572**	**82.2491**	**0.3676**	**19.9125**	**2.4658**	**21.7429**	**10.1702**	**2.2991**	**11.8380**	**0.0000**	**38,348.9330**	**38,348.9330**	**2.0292**	**5.0555**	**39,906.1936**

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	5.2750	104.5572	46.2667	0.3676	19.9125	2.4658	21.7429	10.1702	2.2991	11.8380	0.0000	38,348.9330	38,348.9330	2.0292	5.0555	39,906.1936
2023	118.5838	90.8902	82.2491	0.3576	19.2769	2.1711	21.4481	6.3426	2.0248	8.3674	0.0000	37,286.7614	37,286.7614	2.0149	4.8890	38,794.0636
Maximum	**118.5838**	**104.5572**	**82.2491**	**0.3676**	**19.9125**	**2.4658**	**21.7429**	**10.1702**	**2.2991**	**11.8380**	**0.0000**	**38,348.9330**	**38,348.9330**	**2.0292**	**5.0555**	**39,906.1936**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Energy	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364
Mobile	13.5829	180.5767	201.6456	1.4716	112.1131	2.3572	114.4703	30.4343	2.2442	32.6785		152,344.3563	152,344.3563	1.4901	14.1561	156,600.1310
Total	**62.3304**	**185.6505**	**206.3259**	**1.5020**	**112.1131**	**2.7440**	**114.8571**	**30.4343**	**2.6311**	**33.0654**		**158,429.2437**	**158,429.2437**	**1.6090**	**14.2677**	**162,721.2315**

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	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Energy	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364
Mobile	13.5829	180.5767	201.6456	1.4716	112.1131	2.3572	114.4703	30.4343	2.2442	32.6785		152,344.3563	152,344.3563	1.4901	14.1561	156,600.1310
Total	**62.3304**	**185.6505**	**206.3259**	**1.5020**	**112.1131**	**2.7440**	**114.8571**	**30.4343**	**2.6311**	**33.0654**		**158,429.2437**	**158,429.2437**	**1.6090**	**14.2677**	**162,721.2315**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	12/1/2022	12/28/2022	5	20	
2	Grading	Grading	12/29/2022	3/16/2023	5	56	
3	Building Construction	Building Construction	3/17/2023	11/27/2023	5	182	
4	Paving	Paving	8/1/2023	11/30/2023	5	88	
5	Architectural Coating	Architectural Coating	8/1/2023	11/17/2023	5	79	

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 168

Acres of Paving: 23.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,597,400; Non-Residential Outdoor: 865,800; Striped Parking Area: 49,464 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	29,450.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,074.00	420.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	216.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.2 Site Preparation - 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					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.5461	36.8986	23.7180	0.0442		1.8116	1.8116		1.6667	1.6667		4,284.3931	4,284.3931	1.3857		4,319.0346
Total	**3.5461**	**36.8986**	**23.7180**	**0.0442**	**19.6570**	**1.8116**	**21.4687**	**10.1025**	**1.6667**	**11.7692**		**4,284.3931**	**4,284.3931**	**1.3857**		**4,319.0346**

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	0.0935	0.0646	0.7082	2.0900e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		211.6326	211.6326	5.6700e-003	6.0200e-003	213.5688
Total	**0.0935**	**0.0646**	**0.7082**	**2.0900e-003**	**0.2555**	**1.2300e-003**	**0.2567**	**0.0678**	**1.1300e-003**	**0.0689**		**211.6326**	**211.6326**	**5.6700e-003**	**6.0200e-003**	**213.5688**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.2 Site Preparation - 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					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.5461	36.8986	23.7180	0.0442		1.8116	1.8116		1.6667	1.6667	0.0000	4,284.3931	4,284.3931	1.3857		4,319.0346
Total	**3.5461**	**36.8986**	**23.7180**	**0.0442**	**19.6570**	**1.8116**	**21.4687**	**10.1025**	**1.6667**	**11.7692**	**0.0000**	**4,284.3931**	**4,284.3931**	**1.3857**		**4,319.0346**

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	0.0935	0.0646	0.7082	2.0900e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		211.6326	211.6326	5.6700e-003	6.0200e-003	213.5688
Total	**0.0935**	**0.0646**	**0.7082**	**2.0900e-003**	**0.2555**	**1.2300e-003**	**0.2567**	**0.0678**	**1.1300e-003**	**0.0689**		**211.6326**	**211.6326**	**5.6700e-003**	**6.0200e-003**	**213.5688**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.3 Grading - 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					
Fugitive Dust					9.7948	0.0000	9.7948	3.7433	0.0000	3.7433			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.7948**	**1.6349**	**11.4297**	**3.7433**	**1.5041**	**5.2474**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.5567	65.6491	16.5170	0.3035	9.2268	0.8297	10.0565	2.5316	0.7938	3.3254		32,125.8899	32,125.8899	0.0793	5.0495	33,632.6089
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	0.0935	0.0646	0.7082	2.0900e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		211.6326	211.6326	5.6700e-003	6.0200e-003	213.5688
Total	**1.6502**	**65.7137**	**17.2252**	**0.3056**	**9.4823**	**0.8310**	**10.3132**	**2.5994**	**0.7950**	**3.3943**		**32,337.5225**	**32,337.5225**	**0.0850**	**5.0555**	**33,846.1777**

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

3.3 Grading - 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					
Fugitive Dust					9.7948	0.0000	9.7948	3.7433	0.0000	3.7433			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.7948**	**1.6349**	**11.4297**	**3.7433**	**1.5041**	**5.2474**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.5567	65.6491	16.5170	0.3035	9.2268	0.8297	10.0565	2.5316	0.7938	3.3254		32,125.8899	32,125.8899	0.0793	5.0495	33,632.6089
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	0.0935	0.0646	0.7082	2.0900e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		211.6326	211.6326	5.6700e-003	6.0200e-003	213.5688
Total	**1.6502**	**65.7137**	**17.2252**	**0.3056**	**9.4823**	**0.8310**	**10.3132**	**2.5994**	**0.7950**	**3.3943**		**32,337.5225**	**32,337.5225**	**0.0850**	**5.0555**	**33,846.1777**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.7948	0.0000	9.7948	3.7433	0.0000	3.7433			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**9.7948**	**1.4245**	**11.2193**	**3.7433**	**1.3105**	**5.0538**		**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2458	56.3180	16.3526	0.2935	9.2267	0.7455	9.9722	2.5316	0.7132	3.2448		31,070.4555	31,070.4555	0.0655	4.8835	32,527.3787
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	0.0865	0.0566	0.6461	2.0300e-003	0.2555	1.1500e-003	0.2566	0.0678	1.0600e-003	0.0688		204.8281	204.8281	5.0800e-003	5.5200e-003	206.6014
Total	**1.3323**	**56.3746**	**16.9987**	**0.2955**	**9.4822**	**0.7466**	**10.2288**	**2.5993**	**0.7143**	**3.3136**		**31,275.2836**	**31,275.2836**	**0.0706**	**4.8890**	**32,733.9801**

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

3.3 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.7948	0.0000	9.7948	3.7433	0.0000	3.7433			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**9.7948**	**1.4245**	**11.2193**	**3.7433**	**1.3105**	**5.0538**	**0.0000**	**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2458	56.3180	16.3526	0.2935	9.2267	0.7455	9.9722	2.5316	0.7132	3.2448		31,070.4555	31,070.4555	0.0655	4.8835	32,527.3787
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	0.0865	0.0566	0.6461	2.0300e-003	0.2555	1.1500e-003	0.2566	0.0678	1.0600e-003	0.0688		204.8281	204.8281	5.0800e-003	5.5200e-003	206.6014
Total	**1.3323**	**56.3746**	**16.9987**	**0.2955**	**9.4822**	**0.7466**	**10.2288**	**2.5993**	**0.7143**	**3.3136**		**31,275.2836**	**31,275.2836**	**0.0706**	**4.8890**	**32,733.9801**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.4 Building Construction - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5829	14.3501	7.4200	0.0761	2.5766	0.1322	2.7088	0.7422	0.1264	0.8686		7,995.8573	7,995.8573	0.0356	1.0920	8,322.1513
Worker	4.6450	3.0405	34.6951	0.1088	13.7182	0.0619	13.7801	3.6379	0.0570	3.6949		10,999.2697	10,999.2697	0.2726	0.2967	11,094.4951
Total	**5.2279**	**17.3906**	**42.1151**	**0.1849**	**16.2949**	**0.1941**	**16.4889**	**4.3801**	**0.1834**	**4.5635**		**18,995.1270**	**18,995.1270**	**0.3082**	**1.3886**	**19,416.6464**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.4 Building Construction - 2023

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5829	14.3501	7.4200	0.0761	2.5766	0.1322	2.7088	0.7422	0.1264	0.8686		7,995.8573	7,995.8573	0.0356	1.0920	8,322.1513
Worker	4.6450	3.0405	34.6951	0.1088	13.7182	0.0619	13.7801	3.6379	0.0570	3.6949		10,999.2697	10,999.2697	0.2726	0.2967	11,094.4951
Total	**5.2279**	**17.3906**	**42.1151**	**0.1849**	**16.2949**	**0.1941**	**16.4889**	**4.3801**	**0.1834**	**4.5635**		**18,995.1270**	**18,995.1270**	**0.3082**	**1.3886**	**19,416.6464**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.5 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.7056					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7384**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0692	0.0453	0.5169	1.6200e-003	0.2044	9.2000e-004	0.2053	0.0542	8.5000e-004	0.0551		163.8625	163.8625	4.0600e-003	4.4200e-003	165.2811
Total	**0.0692**	**0.0453**	**0.5169**	**1.6200e-003**	**0.2044**	**9.2000e-004**	**0.2053**	**0.0542**	**8.5000e-004**	**0.0551**		**163.8625**	**163.8625**	**4.0600e-003**	**4.4200e-003**	**165.2811**

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

3.5 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.7056					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7384**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0692	0.0453	0.5169	1.6200e-003	0.2044	9.2000e-004	0.2053	0.0542	8.5000e-004	0.0551		163.8625	163.8625	4.0600e-003	4.4200e-003	165.2811
Total	**0.0692**	**0.0453**	**0.5169**	**1.6200e-003**	**0.2044**	**9.2000e-004**	**0.2053**	**0.0542**	**8.5000e-004**	**0.0551**		**163.8625**	**163.8625**	**4.0600e-003**	**4.4200e-003**	**165.2811**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.6 Architectural Coating - 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					
Archit. Coating	108.8498					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**109.0414**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

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	0.9342	0.6115	6.9778	0.0219	2.7590	0.0125	2.7714	0.7317	0.0115	0.7431		2,212.1436	2,212.1436	0.0548	0.0597	2,231.2951
Total	**0.9342**	**0.6115**	**6.9778**	**0.0219**	**2.7590**	**0.0125**	**2.7714**	**0.7317**	**0.0115**	**0.7431**		**2,212.1436**	**2,212.1436**	**0.0548**	**0.0597**	**2,231.2951**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

3.6 Architectural Coating - 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					
Archit. Coating	108.8498					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**109.0414**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

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	0.9342	0.6115	6.9778	0.0219	2.7590	0.0125	2.7714	0.7317	0.0115	0.7431		2,212.1436	2,212.1436	0.0548	0.0597	2,231.2951
Total	**0.9342**	**0.6115**	**6.9778**	**0.0219**	**2.7590**	**0.0125**	**2.7714**	**0.7317**	**0.0115**	**0.7431**		**2,212.1436**	**2,212.1436**	**0.0548**	**0.0597**	**2,231.2951**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	13.5829	180.5767	201.6456	1.4716	112.1131	2.3572	114.4703	30.4343	2.2442	32.6785		152,344.3563	152,344.3563	1.4901	14.1561	156,600.1310
Unmitigated	13.5829	180.5767	201.6456	1.4716	112.1131	2.3572	114.4703	30.4343	2.2442	32.6785		152,344.3563	152,344.3563	1.4901	14.1561	156,600.1310

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	2,524.34	3,969.73	3145.25	15,889,814	15,889,814
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	2,105.42	2,105.42	2105.42	11,865,367	11,865,367
Unrefrigerated Warehouse-Rail	455.93	455.93	455.93	6,638,290	6,638,290
User Defined Industrial	687.31	687.31	687.31	10,007,193	10,007,193
Total	5,773.00	7,218.39	6,393.90	44,400,664	44,400,664

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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	16.60	0.00	0.00	100.00	0.00	0.00	92	5	3

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

	Miles			Trip %			Trip Purpose %		
Land Use	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
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	100.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	100.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	0.00	0.00	100.00	0.00	0.00	92	5	3
Unrefrigerated Warehouse-Rail	0.00	0.00	40.00	0.00	0.00	100.00	100	0	0
User Defined Industrial	0.00	0.00	40.00	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.690097	0.051857	0.258046	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Rail	0.690097	0.051857	0.258046	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.240000	0.120000	0.190000	0.450000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.250000	0.130000	0.180000	0.440000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364
NaturalGas Unmitigated	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Heavy Industry	45079.5	0.4862	4.4196	3.7124	0.0265		0.3359	0.3359		0.3359	0.3359		5,303.4747	5,303.4747	0.1017	0.0972	5,334.9906
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5443.3	0.0587	0.5337	0.4483	3.2000e-003		0.0406	0.0406		0.0406	0.0406		640.3883	640.3883	0.0123	0.0117	644.1938
Unrefrigerated Warehouse-Rail	1178.74	0.0127	0.1156	0.0971	6.9000e-004		8.7800e-003	8.7800e-003		8.7800e-003	8.7800e-003		138.6754	138.6754	2.6600e-003	2.5400e-003	139.4995
User Defined Industrial	12.2739	1.3000e-004	1.2000e-003	1.0100e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4440	1.4440	3.0000e-005	3.0000e-005	1.4526
Total		**0.5577**	**5.0700**	**4.2588**	**0.0304**		**0.3853**	**0.3853**		**0.3853**	**0.3853**		**6,083.9824**	**6,083.9824**	**0.1166**	**0.1115**	**6,120.1364**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Heavy Industry	45.0795	0.4862	4.4196	3.7124	0.0265		0.3359	0.3359		0.3359	0.3359		5,303.4747	5,303.4747	0.1017	0.0972	5,334.9906
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.4433	0.0587	0.5337	0.4483	3.2000e-003		0.0406	0.0406		0.0406	0.0406		640.3883	640.3883	0.0123	0.0117	644.1938
Unrefrigerated Warehouse-Rail	1.17874	0.0127	0.1156	0.0971	6.9000e-004		8.7800e-003	8.7800e-003		8.7800e-003	8.7800e-003		138.6754	138.6754	2.6600e-003	2.5400e-003	139.4995
User Defined Industrial	0.0122739	1.3000e-004	1.2000e-003	1.0100e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4440	1.4440	3.0000e-005	3.0000e-005	1.4526
Total		**0.5577**	**5.0700**	**4.2588**	**0.0304**		**0.3853**	**0.3853**		**0.3853**	**0.3853**		**6,083.9824**	**6,083.9824**	**0.1166**	**0.1115**	**6,120.1364**

6.0 Area Detail

6.1 Mitigation Measures Area

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Unmitigated	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641

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	11.1515					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	36.9994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0389	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Total	**48.1899**	**3.8300e-003**	**0.4215**	**3.0000e-005**		**1.5000e-003**	**1.5000e-003**		**1.5000e-003**	**1.5000e-003**		**0.9050**	**0.9050**	**2.3600e-003**		**0.9641**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Winter

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.1515					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	36.9994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0389	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Total	**48.1899**	**3.8300e-003**	**0.4215**	**3.0000e-005**		**1.5000e-003**	**1.5000e-003**		**1.5000e-003**	**1.5000e-003**		**0.9050**	**0.9050**	**2.3600e-003**		**0.9641**

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

I-15 Industrial - With Regulation and RPS

Mojave Desert AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	508.94	1000sqft	12.22	508,940.00	0
Unrefrigerated Warehouse-No Rail	988.46	1000sqft	22.69	988,460.00	0
Unrefrigerated Warehouse-Rail	214.05	1000sqft	2.15	214,050.00	0
User Defined Industrial	138.57	User Defined Unit	1.00	138.57	0
Other Asphalt Surfaces	224.22	1000sqft	5.15	224,220.00	0
Parking Lot	789.00	Space	7.10	315,600.00	0
Parking Lot	1,272.00	Space	11.45	508,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	30
Climate Zone	10			**Operational Year**	2024
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 - Project-specific values.

Construction Phase - Project-specific values.

Off-road Equipment - Default CalEEMod values.

Trips and VMT - Project-specific values.

Grading - Default CalEEMod values.

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

Architectural Coating - Project-specific values.

Vehicle Trips - Project-specific values.

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Energy Use - Project-specific values.

Water And Wastewater - Project-specific values based on water supply assesment. All project water usage (indoor and outdoor) assumed under the "Unrefrigerated Warehouse-No Rail" land use indoor consumption.

Solid Waste - Project-specific values.

Fleet Mix - Project-specific values.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	855,794.00	865,800.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,567,383.00	2,597,400.00
tblArchitecturalCoating	ConstArea_Parking	62,917.00	49,464.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	855794	865800
tblAreaCoating	Area_Nonresidential_Interior	2567383	2597400
tblAreaCoating	Area_Parking	62917	49464
tblConstructionPhase	NumDays	40.00	20.00
tblConstructionPhase	NumDays	110.00	56.00
tblConstructionPhase	NumDays	1,110.00	182.00
tblConstructionPhase	NumDays	75.00	88.00
tblConstructionPhase	NumDays	75.00	79.00
tblEnergyUse	LightingElect	0.00	2.93
tblEnergyUse	NT24E	0.00	5.02
tblEnergyUse	NT24NG	0.00	17.13
tblEnergyUse	T24E	0.00	1.97
tblEnergyUse	T24NG	0.00	15.20

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

tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.45
tblFleetMix	HHD	0.02	0.44
tblFleetMix	LDA	0.53	0.69
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDA	0.53	1.00
tblFleetMix	LDA	0.53	0.69
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDT1	0.06	0.05
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.05
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.26
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.26
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.24

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

tblFleetMix	LHD1	0.03	0.25
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.00
tblFleetMix	LHD2	7.6920e-003	0.12
tblFleetMix	LHD2	7.6920e-003	0.13
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MH	5.4230e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00
tblFleetMix	MHD	6.1550e-003	0.00

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

tblFleetMix	MHD	6.1550e-003	0.19
tblFleetMix	MHD	6.1550e-003	0.18
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	OBUS	4.8300e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	SBUS	9.2800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblFleetMix	UBUS	1.5800e-004	0.00
tblGrading	MaterialExported	0.00	235,599.00
tblLandUse	LandUseSquareFeet	0.00	138.57
tblLandUse	LotAcreage	11.68	12.22
tblLandUse	LotAcreage	4.91	2.15
tblLandUse	LotAcreage	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Site Preparation
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	631.09	659.99

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

tblSolidWaste	SolidWasteGenerationRate	201.21	128.86
tblSolidWaste	SolidWasteGenerationRate	0.00	91.53
tblTripsAndVMT	VendorTripNumber	452.00	420.00
tblTripsAndVMT	WorkerTripNumber	1,159.00	1,074.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	232.00	216.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	0.00
tblVehicleTrips	CNW_TL	6.60	40.00
tblVehicleTrips	CNW_TL	6.60	40.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CNW_TTP	0.00	100.00
tblVehicleTrips	CW_TL	14.70	16.60
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TL	14.70	16.60
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	6.42	7.80
tblVehicleTrips	ST_TR	1.74	2.13
tblVehicleTrips	ST_TR	1.74	2.13
tblVehicleTrips	ST_TR	0.00	4.96
tblVehicleTrips	SU_TR	5.09	6.18
tblVehicleTrips	SU_TR	1.74	2.13
tblVehicleTrips	SU_TR	1.74	2.13
tblVehicleTrips	SU_TR	0.00	4.96
tblVehicleTrips	WD_TR	3.93	4.96
tblVehicleTrips	WD_TR	1.74	2.13
tblVehicleTrips	WD_TR	1.74	2.13
tblVehicleTrips	WD_TR	0.00	4.96
tblWater	IndoorWaterUseRate	117,692,375.00	0.00
tblWater	IndoorWaterUseRate	228,581,375.00	30,976,820.00
tblWater	IndoorWaterUseRate	49,499,062.50	0.00

2.0 Emissions Summary

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	5.3861	101.1273	45.9953	0.3675	19.9125	2.4648	21.7418	10.1702	2.2980	11.8380	0.0000	38,336.8488	38,336.8488	2.0342	5.0492	39,892.3741
2023	118.9974	87.7207	93.9628	0.3573	19.2769	2.1701	21.4471	6.3426	2.0239	8.3665	0.0000	37,250.8019	37,250.8019	2.0204	4.8792	38,755.3119
Maximum	**118.9974**	**101.1273**	**93.9628**	**0.3675**	**19.9125**	**2.4648**	**21.7418**	**10.1702**	**2.2980**	**11.8380**	**0.0000**	**38,336.8488**	**38,336.8488**	**2.0342**	**5.0492**	**39,892.3741**

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	5.3861	101.1273	45.9953	0.3675	19.9125	2.4648	21.7418	10.1702	2.2980	11.8380	0.0000	38,336.8488	38,336.8488	2.0342	5.0492	39,892.3741
2023	118.9974	87.7207	93.9628	0.3573	19.2769	2.1701	21.4471	6.3426	2.0239	8.3665	0.0000	37,250.8019	37,250.8019	2.0204	4.8792	38,755.3119
Maximum	**118.9974**	**101.1273**	**93.9628**	**0.3675**	**19.9125**	**2.4648**	**21.7418**	**10.1702**	**2.2980**	**11.8380**	**0.0000**	**38,336.8488**	**38,336.8488**	**2.0342**	**5.0492**	**39,892.3741**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Energy	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364
Mobile	16.1096	171.7482	242.0581	1.5393	112.1131	2.3562	114.4693	30.4343	2.2433	32.6776		159,184.1751	159,184.1751	1.4959	14.1058	163,425.1004
Total	**64.8571**	**176.8220**	**246.7384**	**1.5698**	**112.1131**	**2.7431**	**114.8561**	**30.4343**	**2.6301**	**33.0644**		**165,269.0624**	**165,269.0624**	**1.6149**	**14.2173**	**169,546.2009**

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	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Energy	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364
Mobile	16.1096	171.7482	242.0581	1.5393	112.1131	2.3562	114.4693	30.4343	2.2433	32.6776		159,184.1751	159,184.1751	1.4959	14.1058	163,425.1004
Total	**64.8571**	**176.8220**	**246.7384**	**1.5698**	**112.1131**	**2.7431**	**114.8561**	**30.4343**	**2.6301**	**33.0644**		**165,269.0624**	**165,269.0624**	**1.6149**	**14.2173**	**169,546.2009**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	12/1/2022	12/28/2022	5	20	
2	Grading	Grading	12/29/2022	3/16/2023	5	56	
3	Building Construction	Building Construction	3/17/2023	11/27/2023	5	182	
4	Paving	Paving	8/1/2023	11/30/2023	5	88	
5	Architectural Coating	Architectural Coating	8/1/2023	11/17/2023	5	79	

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 168

Acres of Paving: 23.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,597,400; Non-Residential Outdoor: 865,800; Striped Parking Area: 49,464 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	29,450.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,074.00	420.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	216.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.2 Site Preparation - 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					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.5461	36.8986	23.7180	0.0442		1.8116	1.8116		1.6667	1.6667		4,284.3931	4,284.3931	1.3857		4,319.0346
Total	**3.5461**	**36.8986**	**23.7180**	**0.0442**	**19.6570**	**1.8116**	**21.4687**	**10.1025**	**1.6667**	**11.7692**		**4,284.3931**	**4,284.3931**	**1.3857**		**4,319.0346**

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	0.1000	0.0629	0.9109	2.3600e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		238.4731	238.4731	5.8000e-003	5.9300e-003	240.3859
Total	**0.1000**	**0.0629**	**0.9109**	**2.3600e-003**	**0.2555**	**1.2300e-003**	**0.2567**	**0.0678**	**1.1300e-003**	**0.0689**		**238.4731**	**238.4731**	**5.8000e-003**	**5.9300e-003**	**240.3859**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.2 Site Preparation - 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					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.5461	36.8986	23.7180	0.0442		1.8116	1.8116		1.6667	1.6667	0.0000	4,284.3931	4,284.3931	1.3857		4,319.0346
Total	**3.5461**	**36.8986**	**23.7180**	**0.0442**	**19.6570**	**1.8116**	**21.4687**	**10.1025**	**1.6667**	**11.7692**	**0.0000**	**4,284.3931**	**4,284.3931**	**1.3857**		**4,319.0346**

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	0.1000	0.0629	0.9109	2.3600e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		238.4731	238.4731	5.8000e-003	5.9300e-003	240.3859
Total	**0.1000**	**0.0629**	**0.9109**	**2.3600e-003**	**0.2555**	**1.2300e-003**	**0.2567**	**0.0678**	**1.1300e-003**	**0.0689**		**238.4731**	**238.4731**	**5.8000e-003**	**5.9300e-003**	**240.3859**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.3 Grading - 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					
Fugitive Dust					9.7948	0.0000	9.7948	3.7433	0.0000	3.7433			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.7948**	**1.6349**	**11.4297**	**3.7433**	**1.5041**	**5.2474**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.6613	62.2209	16.0428	0.3031	9.2268	0.8286	10.0555	2.5316	0.7928	3.3244		32,086.9652	32,086.9652	0.0842	5.0433	33,591.9723
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	0.1000	0.0629	0.9109	2.3600e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		238.4731	238.4731	5.8000e-003	5.9300e-003	240.3859
Total	**1.7612**	**62.2838**	**16.9537**	**0.3055**	**9.4823**	**0.8299**	**10.3122**	**2.5994**	**0.7939**	**3.3933**		**32,325.4383**	**32,325.4383**	**0.0900**	**5.0492**	**33,832.3582**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.3 Grading - 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					
Fugitive Dust					9.7948	0.0000	9.7948	3.7433	0.0000	3.7433			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.7948**	**1.6349**	**11.4297**	**3.7433**	**1.5041**	**5.2474**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.6613	62.2209	16.0428	0.3031	9.2268	0.8286	10.0555	2.5316	0.7928	3.3244		32,086.9652	32,086.9652	0.0842	5.0433	33,591.9723
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	0.1000	0.0629	0.9109	2.3600e-003	0.2555	1.2300e-003	0.2567	0.0678	1.1300e-003	0.0689		238.4731	238.4731	5.8000e-003	5.9300e-003	240.3859
Total	**1.7612**	**62.2838**	**16.9537**	**0.3055**	**9.4823**	**0.8299**	**10.3122**	**2.5994**	**0.7939**	**3.3933**		**32,325.4383**	**32,325.4383**	**0.0900**	**5.0492**	**33,832.3582**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.7948	0.0000	9.7948	3.7433	0.0000	3.7433			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**9.7948**	**1.4245**	**11.2193**	**3.7433**	**1.3105**	**5.0538**		**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3639	53.1500	15.9790	0.2929	9.2267	0.7445	9.9712	2.5316	0.7123	3.2439		31,008.6036	31,008.6036	0.0710	4.8738	32,462.7562
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	0.0922	0.0551	0.8294	2.2800e-003	0.2555	1.1500e-003	0.2566	0.0678	1.0600e-003	0.0688		230.7206	230.7206	5.1700e-003	5.4400e-003	232.4722
Total	**1.4561**	**53.2051**	**16.8084**	**0.2952**	**9.4822**	**0.7457**	**10.2278**	**2.5993**	**0.7134**	**3.3127**		**31,239.3241**	**31,239.3241**	**0.0762**	**4.8792**	**32,695.2283**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.3 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.7948	0.0000	9.7948	3.7433	0.0000	3.7433			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**9.7948**	**1.4245**	**11.2193**	**3.7433**	**1.3105**	**5.0538**	**0.0000**	**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3639	53.1500	15.9790	0.2929	9.2267	0.7445	9.9712	2.5316	0.7123	3.2439		31,008.6036	31,008.6036	0.0710	4.8738	32,462.7562
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	0.0922	0.0551	0.8294	2.2800e-003	0.2555	1.1500e-003	0.2566	0.0678	1.0600e-003	0.0688		230.7206	230.7206	5.1700e-003	5.4400e-003	232.4722
Total	**1.4561**	**53.2051**	**16.8084**	**0.2952**	**9.4822**	**0.7457**	**10.2278**	**2.5993**	**0.7134**	**3.3127**		**31,239.3241**	**31,239.3241**	**0.0762**	**4.8792**	**32,695.2283**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.4 Building Construction - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6258	13.4725	7.1636	0.0758	2.5766	0.1317	2.7083	0.7422	0.1260	0.8681		7,971.3699	7,971.3699	0.0374	1.0868	8,296.1734
Worker	4.9499	2.9611	44.5388	0.1226	13.7182	0.0619	13.7801	3.6379	0.0570	3.6949		12,389.6942	12,389.6942	0.2777	0.2924	12,483.7561
Total	**5.5757**	**16.4336**	**51.7024**	**0.1984**	**16.2949**	**0.1936**	**16.4885**	**4.3801**	**0.1830**	**4.5631**		**20,361.0641**	**20,361.0641**	**0.3151**	**1.3792**	**20,779.9295**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.4 Building Construction - 2023

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6258	13.4725	7.1636	0.0758	2.5766	0.1317	2.7083	0.7422	0.1260	0.8681		7,971.3699	7,971.3699	0.0374	1.0868	8,296.1734
Worker	4.9499	2.9611	44.5388	0.1226	13.7182	0.0619	13.7801	3.6379	0.0570	3.6949		12,389.6942	12,389.6942	0.2777	0.2924	12,483.7561
Total	**5.5757**	**16.4336**	**51.7024**	**0.1984**	**16.2949**	**0.1936**	**16.4885**	**4.3801**	**0.1830**	**4.5631**		**20,361.0641**	**20,361.0641**	**0.3151**	**1.3792**	**20,779.9295**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.5 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.7056					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7384**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0737	0.0441	0.6635	1.8300e-003	0.2044	9.2000e-004	0.2053	0.0542	8.5000e-004	0.0551		184.5765	184.5765	4.1400e-003	4.3600e-003	185.9777
Total	**0.0737**	**0.0441**	**0.6635**	**1.8300e-003**	**0.2044**	**9.2000e-004**	**0.2053**	**0.0542**	**8.5000e-004**	**0.0551**		**184.5765**	**184.5765**	**4.1400e-003**	**4.3600e-003**	**185.9777**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.5 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.7056					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7384**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0737	0.0441	0.6635	1.8300e-003	0.2044	9.2000e-004	0.2053	0.0542	8.5000e-004	0.0551		184.5765	184.5765	4.1400e-003	4.3600e-003	185.9777
Total	**0.0737**	**0.0441**	**0.6635**	**1.8300e-003**	**0.2044**	**9.2000e-004**	**0.2053**	**0.0542**	**8.5000e-004**	**0.0551**		**184.5765**	**184.5765**	**4.1400e-003**	**4.3600e-003**	**185.9777**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.6 Architectural Coating - 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					
Archit. Coating	108.8498					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**109.0414**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

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	0.9955	0.5955	8.9575	0.0247	2.7590	0.0125	2.7714	0.7317	0.0115	0.7431		2,491.7821	2,491.7821	0.0559	0.0588	2,510.6996
Total	**0.9955**	**0.5955**	**8.9575**	**0.0247**	**2.7590**	**0.0125**	**2.7714**	**0.7317**	**0.0115**	**0.7431**		**2,491.7821**	**2,491.7821**	**0.0559**	**0.0588**	**2,510.6996**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

3.6 Architectural Coating - 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					
Archit. Coating	108.8498					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**109.0414**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

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	0.9955	0.5955	8.9575	0.0247	2.7590	0.0125	2.7714	0.7317	0.0115	0.7431		2,491.7821	2,491.7821	0.0559	0.0588	2,510.6996
Total	**0.9955**	**0.5955**	**8.9575**	**0.0247**	**2.7590**	**0.0125**	**2.7714**	**0.7317**	**0.0115**	**0.7431**		**2,491.7821**	**2,491.7821**	**0.0559**	**0.0588**	**2,510.6996**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	16.1096	171.7482	242.0581	1.5393	112.1131	2.3562	114.4693	30.4343	2.2433	32.6776		159,184.1751	159,184.1751	1.4959	14.1058	163,425.1004
Unmitigated	16.1096	171.7482	242.0581	1.5393	112.1131	2.3562	114.4693	30.4343	2.2433	32.6776		159,184.1751	159,184.1751	1.4959	14.1058	163,425.1004

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	2,524.34	3,969.73	3145.25	15,889,814	15,889,814
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	2,105.42	2,105.42	2105.42	11,865,367	11,865,367
Unrefrigerated Warehouse-Rail	455.93	455.93	455.93	6,638,290	6,638,290
User Defined Industrial	687.31	687.31	687.31	10,007,193	10,007,193
Total	5,773.00	7,218.39	6,393.90	44,400,664	44,400,664

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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	16.60	0.00	0.00	100.00	0.00	0.00	92	5	3

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

	Miles			Trip %			Trip Purpose %		
Land Use	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
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	100.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	100.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	0.00	0.00	100.00	0.00	0.00	92	5	3
Unrefrigerated Warehouse-Rail	0.00	0.00	40.00	0.00	0.00	100.00	100	0	0
User Defined Industrial	0.00	0.00	40.00	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.690097	0.051857	0.258046	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Rail	0.690097	0.051857	0.258046	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.240000	0.120000	0.190000	0.450000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.250000	0.130000	0.180000	0.440000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364
NaturalGas Unmitigated	0.5577	5.0700	4.2588	0.0304		0.3853	0.3853		0.3853	0.3853		6,083.9824	6,083.9824	0.1166	0.1115	6,120.1364

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Heavy Industry	45079.5	0.4862	4.4196	3.7124	0.0265		0.3359	0.3359		0.3359	0.3359		5,303.4747	5,303.4747	0.1017	0.0972	5,334.9906
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5443.3	0.0587	0.5337	0.4483	3.2000e-003		0.0406	0.0406		0.0406	0.0406		640.3883	640.3883	0.0123	0.0117	644.1938
Unrefrigerated Warehouse-Rail	1178.74	0.0127	0.1156	0.0971	6.9000e-004		8.7800e-003	8.7800e-003		8.7800e-003	8.7800e-003		138.6754	138.6754	2.6600e-003	2.5400e-003	139.4995
User Defined Industrial	12.2739	1.3000e-004	1.2000e-003	1.0100e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4440	1.4440	3.0000e-005	3.0000e-005	1.4526
Total		**0.5577**	**5.0700**	**4.2588**	**0.0304**		**0.3853**	**0.3853**		**0.3853**	**0.3853**		**6,083.9824**	**6,083.9824**	**0.1166**	**0.1115**	**6,120.1364**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Heavy Industry	45.0795	0.4862	4.4196	3.7124	0.0265		0.3359	0.3359		0.3359	0.3359		5,303.4747	5,303.4747	0.1017	0.0972	5,334.9906
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.4433	0.0587	0.5337	0.4483	3.2000e-003		0.0406	0.0406		0.0406	0.0406		640.3883	640.3883	0.0123	0.0117	644.1938
Unrefrigerated Warehouse-Rail	1.17874	0.0127	0.1156	0.0971	6.9000e-004		8.7800e-003	8.7800e-003		8.7800e-003	8.7800e-003		138.6754	138.6754	2.6600e-003	2.5400e-003	139.4995
User Defined Industrial	0.0122739	1.3000e-004	1.2000e-003	1.0100e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4440	1.4440	3.0000e-005	3.0000e-005	1.4526
Total		**0.5577**	**5.0700**	**4.2588**	**0.0304**		**0.3853**	**0.3853**		**0.3853**	**0.3853**		**6,083.9824**	**6,083.9824**	**0.1166**	**0.1115**	**6,120.1364**

6.0 Area Detail

6.1 Mitigation Measures Area

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Unmitigated	48.1898	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641

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	11.1515					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	36.9994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0389	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Total	**48.1899**	**3.8300e-003**	**0.4215**	**3.0000e-005**		**1.5000e-003**	**1.5000e-003**		**1.5000e-003**	**1.5000e-003**		**0.9050**	**0.9050**	**2.3600e-003**		**0.9641**

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.1515					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	36.9994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0389	3.8300e-003	0.4215	3.0000e-005		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003		0.9050	0.9050	2.3600e-003		0.9641
Total	**48.1899**	**3.8300e-003**	**0.4215**	**3.0000e-005**		**1.5000e-003**	**1.5000e-003**		**1.5000e-003**	**1.5000e-003**		**0.9050**	**0.9050**	**2.3600e-003**		**0.9641**

7.0 Water Detail

7.1 Mitigation Measures Water

I-15 Industrial - With Regulation and RPS - Mojave Desert AQMD Air District, Summer

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation