

VENTANA SP - Salton Sea Air Basin, Annual

VENTANA SP
Salton Sea Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.00	Acre	3.00	130,680.00	0
Single Family Housing	103.00	Dwelling Unit	42.17	413,300.00	333

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.4	Precipitation Freq (Days)	20
Climate Zone	10			Operational Year	2023
Utility Company	Imperial Irrigation District				
CO2 Intensity (lb/MWhr)	1270.9	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics -

Land Use - Assumes maximum allowed DU SF for all 103 units per the Specific Plan.

Construction Phase - Assumes a 2 year buildout from June 2021 to June 2023.

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

Grading - Preliminary grading plans: 74,383 CY of export.

Vehicle Trips - Assumes 972 daily trips per project Traffic Report.

Road Dust - All roads will be paved.

Woodstoves - Wood burning appliances are not proposed.

Construction Off-road Equipment Mitigation - Assumes adherence to standard dust control measures (SCAQMD Rule 403.1).

Off-road Equipment - Construction equipment list provided by applicant/noise engineer.

Off-road Equipment - Construction equipment list confirmed with project applicant and noise engineer.

Off-road Equipment -

Off-road Equipment - Construction equipment list confirmed with project applicant and noise engineer.

Off-road Equipment -

Trips and VMT -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	740.00	395.00
tblConstructionPhase	NumDays	55.00	369.00
tblConstructionPhase	PhaseEndDate	8/26/2024	5/1/2023
tblConstructionPhase	PhaseEndDate	11/11/2024	1/14/2022
tblConstructionPhase	PhaseEndDate	1/27/2025	6/1/2023
tblConstructionPhase	PhaseStartDate	8/27/2024	11/1/2021
tblConstructionPhase	PhaseStartDate	11/12/2024	1/1/2022
tblFireplaces	FireplaceWoodMass	2,080.00	0.00
tblGrading	AcresOfGrading	187.50	50.00
tblGrading	MaterialExported	0.00	74,383.00

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tblLandUse	LandUseSquareFeet	185,400.00	413,300.00
tblLandUse	LotAcreage	33.44	42.17
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblRoadDust	RoadPercentPave	50	100
tblVehicleTrips	HO_TTP	40.60	40.00
tblVehicleTrips	HS_TTP	19.20	20.00
tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	ST_TR	9.91	9.44
tblVehicleTrips	SU_TR	8.62	9.44
tblVehicleTrips	WD_TR	9.52	9.44

2.0 Emissions Summary

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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					
2021	0.3368	4.1642	2.4934	8.0900e-003	0.6451	0.1472	0.7923	0.3083	0.1360	0.4443	0.0000	737.9040	737.9040	0.1299	0.0000	741.1507
2022	2.1703	2.6657	2.9755	5.9900e-003	0.1395	0.1199	0.2594	0.0375	0.1134	0.1509	0.0000	528.4854	528.4854	0.0881	0.0000	530.6881
2023	0.8733	0.7944	0.9659	1.9700e-003	0.0477	0.0343	0.0819	0.0128	0.0325	0.0453	0.0000	173.7624	173.7624	0.0273	0.0000	174.4451
Maximum	2.1703	4.1642	2.9755	8.0900e-003	0.6451	0.1472	0.7923	0.3083	0.1360	0.4443	0.0000	737.9040	737.9040	0.1299	0.0000	741.1507

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					
2021	0.3368	4.1642	2.4934	8.0900e-003	0.3214	0.1472	0.4686	0.1393	0.1360	0.2753	0.0000	737.9036	737.9036	0.1299	0.0000	741.1502
2022	2.1703	2.6657	2.9755	5.9900e-003	0.1395	0.1199	0.2594	0.0375	0.1134	0.1509	0.0000	528.4850	528.4850	0.0881	0.0000	530.6876
2023	0.8733	0.7944	0.9659	1.9700e-003	0.0477	0.0343	0.0819	0.0128	0.0325	0.0453	0.0000	173.7623	173.7623	0.0273	0.0000	174.4450
Maximum	2.1703	4.1642	2.9755	8.0900e-003	0.3214	0.1472	0.4686	0.1393	0.1360	0.2753	0.0000	737.9036	737.9036	0.1299	0.0000	741.1502

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	38.90	0.00	28.56	47.13	0.00	26.39	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	6-1-2021	8-31-2021	2.0587	2.0587
2	9-1-2021	11-30-2021	1.9841	1.9841
3	12-1-2021	2-28-2022	1.2500	1.2500
4	3-1-2022	5-31-2022	1.2078	1.2078
5	6-1-2022	8-31-2022	1.2091	1.2091
6	9-1-2022	11-30-2022	1.1935	1.1935
7	12-1-2022	2-28-2023	1.1340	1.1340
8	3-1-2023	5-31-2023	0.9352	0.9352
9	6-1-2023	8-31-2023	0.0056	0.0056
		Highest	2.0587	2.0587

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.9072	0.0107	0.7658	5.0000e-005		4.3900e-003	4.3900e-003		4.3900e-003	4.3900e-003	0.0000	3.4254	3.4254	1.2400e-003	4.0000e-005	3.4684
Energy	0.0170	0.1452	0.0618	9.3000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	685.7247	685.7247	0.0150	5.5300e-003	687.7474
Mobile	0.3279	2.5692	3.3700	0.0138	0.8393	6.5700e-003	0.8459	0.2255	6.1400e-003	0.2316	0.0000	1,286.9244	1,286.9244	0.0756	0.0000	1,288.8141
Waste						0.0000	0.0000		0.0000	0.0000	27.7144	0.0000	27.7144	1.6379	0.0000	68.6611
Water						0.0000	0.0000		0.0000	0.0000	2.1291	77.4695	79.5986	0.2204	5.5300e-003	86.7573
Total	2.2521	2.7251	4.1976	0.0148	0.8393	0.0227	0.8620	0.2255	0.0223	0.2477	29.8434	2,053.5440	2,083.3874	1.9502	0.0111	2,135.4482

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.9072	0.0107	0.7658	5.0000e-005		4.3900e-003	4.3900e-003		4.3900e-003	4.3900e-003	0.0000	3.4254	3.4254	1.2400e-003	4.0000e-005	3.4684
Energy	0.0170	0.1452	0.0618	9.3000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	685.7247	685.7247	0.0150	5.5300e-003	687.7474
Mobile	0.3279	2.5692	3.3700	0.0138	0.8393	6.5700e-003	0.8459	0.2255	6.1400e-003	0.2316	0.0000	1,286.9244	1,286.9244	0.0756	0.0000	1,288.8141
Waste						0.0000	0.0000		0.0000	0.0000	27.7144	0.0000	27.7144	1.6379	0.0000	68.6611
Water						0.0000	0.0000		0.0000	0.0000	2.1291	77.4695	79.5986	0.2204	5.5300e-003	86.7573
Total	2.2521	2.7251	4.1976	0.0148	0.8393	0.0227	0.8620	0.2255	0.0223	0.2477	29.8434	2,053.5440	2,083.3874	1.9502	0.0111	2,135.4482

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

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2021	7/12/2021	5	30	
2	Grading	Grading	7/13/2021	10/25/2021	5	75	
3	Building Construction	Building Construction	10/26/2021	5/1/2023	5	395	
4	Paving	Paving	11/1/2021	1/14/2022	5	55	
5	Architectural Coating	Architectural Coating	1/1/2022	6/1/2023	5	369	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 50

Acres of Paving: 3

Residential Indoor: 836,933; Residential Outdoor: 278,978; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 7,841 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Architectural Coating	Air Compressors	1	6.00	78	0.48
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	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
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
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	9,298.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	92.00	32.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

3.2 Site Preparation - 2021

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					0.2710	0.0000	0.2710	0.1490	0.0000	0.1490	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0583	0.6075	0.3173	5.7000e-004		0.0307	0.0307		0.0282	0.0282	0.0000	50.1536	50.1536	0.0162	0.0000	50.5591
Total	0.0583	0.6075	0.3173	5.7000e-004	0.2710	0.0307	0.3017	0.1490	0.0282	0.1772	0.0000	50.1536	50.1536	0.0162	0.0000	50.5591

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3.2 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2800e-003	9.2000e-004	9.3400e-003	2.0000e-005	2.2300e-003	1.0000e-005	2.2500e-003	5.9000e-004	1.0000e-005	6.1000e-004	0.0000	1.8423	1.8423	8.0000e-005	0.0000	1.8442
Total	1.2800e-003	9.2000e-004	9.3400e-003	2.0000e-005	2.2300e-003	1.0000e-005	2.2500e-003	5.9000e-004	1.0000e-005	6.1000e-004	0.0000	1.8423	1.8423	8.0000e-005	0.0000	1.8442

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					0.1057	0.0000	0.1057	0.0581	0.0000	0.0581	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0583	0.6075	0.3173	5.7000e-004		0.0307	0.0307		0.0282	0.0282	0.0000	50.1535	50.1535	0.0162	0.0000	50.5590
Total	0.0583	0.6075	0.3173	5.7000e-004	0.1057	0.0307	0.1364	0.0581	0.0282	0.0863	0.0000	50.1535	50.1535	0.0162	0.0000	50.5590

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3.2 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2800e-003	9.2000e-004	9.3400e-003	2.0000e-005	2.2300e-003	1.0000e-005	2.2500e-003	5.9000e-004	1.0000e-005	6.1000e-004	0.0000	1.8423	1.8423	8.0000e-005	0.0000	1.8442
Total	1.2800e-003	9.2000e-004	9.3400e-003	2.0000e-005	2.2300e-003	1.0000e-005	2.2500e-003	5.9000e-004	1.0000e-005	6.1000e-004	0.0000	1.8423	1.8423	8.0000e-005	0.0000	1.8442

3.3 Grading - 2021

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					0.2598	0.0000	0.2598	0.1281	0.0000	0.1281	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1572	1.7400	1.1579	2.3300e-003		0.0745	0.0745		0.0685	0.0685	0.0000	204.3562	204.3562	0.0661	0.0000	206.0085
Total	0.1572	1.7400	1.1579	2.3300e-003	0.2598	0.0745	0.3342	0.1281	0.0685	0.1966	0.0000	204.3562	204.3562	0.0661	0.0000	206.0085

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3.3 Grading - 2021

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	0.0240	1.0165	0.1407	3.5600e-003	0.0807	3.0200e-003	0.0837	0.0222	2.8900e-003	0.0250	0.0000	339.9294	339.9294	0.0169	0.0000	340.3516
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5400e-003	2.5600e-003	0.0259	6.0000e-005	6.2000e-003	4.0000e-005	6.2400e-003	1.6500e-003	4.0000e-005	1.6800e-003	0.0000	5.1175	5.1175	2.1000e-004	0.0000	5.1227
Total	0.0275	1.0191	0.1666	3.6200e-003	0.0869	3.0600e-003	0.0899	0.0238	2.9300e-003	0.0267	0.0000	345.0470	345.0470	0.0171	0.0000	345.4743

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					0.1013	0.0000	0.1013	0.0500	0.0000	0.0500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1572	1.7400	1.1579	2.3300e-003		0.0745	0.0745		0.0685	0.0685	0.0000	204.3559	204.3559	0.0661	0.0000	206.0083
Total	0.1572	1.7400	1.1579	2.3300e-003	0.1013	0.0745	0.1758	0.0500	0.0685	0.1185	0.0000	204.3559	204.3559	0.0661	0.0000	206.0083

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3.3 Grading - 2021

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	0.0240	1.0165	0.1407	3.5600e-003	0.0807	3.0200e-003	0.0837	0.0222	2.8900e-003	0.0250	0.0000	339.9294	339.9294	0.0169	0.0000	340.3516
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5400e-003	2.5600e-003	0.0259	6.0000e-005	6.2000e-003	4.0000e-005	6.2400e-003	1.6500e-003	4.0000e-005	1.6800e-003	0.0000	5.1175	5.1175	2.1000e-004	0.0000	5.1227
Total	0.0275	1.0191	0.1666	3.6200e-003	0.0869	3.0600e-003	0.0899	0.0238	2.9300e-003	0.0267	0.0000	345.0470	345.0470	0.0171	0.0000	345.4743

3.4 Building Construction - 2021

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	0.0466	0.4271	0.4061	6.6000e-004		0.0235	0.0235		0.0221	0.0221	0.0000	56.7511	56.7511	0.0137	0.0000	57.0934
Total	0.0466	0.4271	0.4061	6.6000e-004		0.0235	0.0235		0.0221	0.0221	0.0000	56.7511	56.7511	0.0137	0.0000	57.0934

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3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1800e-003	0.0702	0.0168	1.8000e-004	3.9000e-003	1.3000e-004	4.0300e-003	1.1200e-003	1.2000e-004	1.2500e-003	0.0000	17.0183	17.0183	1.4000e-003	0.0000	17.0532
Worker	0.0107	7.7000e-003	0.0780	1.7000e-004	0.0186	1.2000e-004	0.0188	4.9500e-003	1.1000e-004	5.0500e-003	0.0000	15.3799	15.3799	6.3000e-004	0.0000	15.3956
Total	0.0128	0.0779	0.0948	3.5000e-004	0.0225	2.5000e-004	0.0228	6.0700e-003	2.3000e-004	6.3000e-003	0.0000	32.3981	32.3981	2.0300e-003	0.0000	32.4488

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	0.0466	0.4271	0.4061	6.6000e-004		0.0235	0.0235		0.0221	0.0221	0.0000	56.7511	56.7511	0.0137	0.0000	57.0934
Total	0.0466	0.4271	0.4061	6.6000e-004		0.0235	0.0235		0.0221	0.0221	0.0000	56.7511	56.7511	0.0137	0.0000	57.0934

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3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1800e-003	0.0702	0.0168	1.8000e-004	3.9000e-003	1.3000e-004	4.0300e-003	1.1200e-003	1.2000e-004	1.2500e-003	0.0000	17.0183	17.0183	1.4000e-003	0.0000	17.0532
Worker	0.0107	7.7000e-003	0.0780	1.7000e-004	0.0186	1.2000e-004	0.0188	4.9500e-003	1.1000e-004	5.0500e-003	0.0000	15.3799	15.3799	6.3000e-004	0.0000	15.3956
Total	0.0128	0.0779	0.0948	3.5000e-004	0.0225	2.5000e-004	0.0228	6.0700e-003	2.3000e-004	6.3000e-003	0.0000	32.3981	32.3981	2.0300e-003	0.0000	32.4488

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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471

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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	0.0107	0.3522	0.0822	9.4000e-004	0.0207	5.6000e-004	0.0213	5.9700e-003	5.4000e-004	6.5100e-003	0.0000	89.5415	89.5415	6.8900e-003	0.0000	89.7138
Worker	0.0528	0.0372	0.3806	8.7000e-004	0.0989	6.0000e-004	0.0995	0.0263	5.5000e-004	0.0268	0.0000	78.6198	78.6198	3.0300e-003	0.0000	78.6957
Total	0.0636	0.3894	0.4628	1.8100e-003	0.1196	1.1600e-003	0.1207	0.0322	1.0900e-003	0.0333	0.0000	168.1614	168.1614	9.9200e-003	0.0000	168.4095

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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467

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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	0.0107	0.3522	0.0822	9.4000e-004	0.0207	5.6000e-004	0.0213	5.9700e-003	5.4000e-004	6.5100e-003	0.0000	89.5415	89.5415	6.8900e-003	0.0000	89.7138
Worker	0.0528	0.0372	0.3806	8.7000e-004	0.0989	6.0000e-004	0.0995	0.0263	5.5000e-004	0.0268	0.0000	78.6198	78.6198	3.0300e-003	0.0000	78.6957
Total	0.0636	0.3894	0.4628	1.8100e-003	0.1196	1.1600e-003	0.1207	0.0322	1.0900e-003	0.0333	0.0000	168.1614	168.1614	9.9200e-003	0.0000	168.4095

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	0.0676	0.6186	0.6985	1.1600e-003		0.0301	0.0301		0.0283	0.0283	0.0000	99.6760	99.6760	0.0237	0.0000	100.2688
Total	0.0676	0.6186	0.6985	1.1600e-003		0.0301	0.0301		0.0283	0.0283	0.0000	99.6760	99.6760	0.0237	0.0000	100.2688

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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	2.8000e-003	0.0908	0.0236	3.0000e-004	6.8400e-003	7.0000e-005	6.9200e-003	1.9700e-003	7.0000e-005	2.0400e-003	0.0000	28.9501	28.9501	1.6200e-003	0.0000	28.9906
Worker	0.0164	0.0113	0.1162	2.8000e-004	0.0327	1.9000e-004	0.0329	8.6800e-003	1.8000e-004	8.8600e-003	0.0000	25.0173	25.0173	9.2000e-004	0.0000	25.0403
Total	0.0192	0.1021	0.1398	5.8000e-004	0.0395	2.6000e-004	0.0398	0.0107	2.5000e-004	0.0109	0.0000	53.9674	53.9674	2.5400e-003	0.0000	54.0308

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	0.0676	0.6186	0.6985	1.1600e-003		0.0301	0.0301		0.0283	0.0283	0.0000	99.6759	99.6759	0.0237	0.0000	100.2687
Total	0.0676	0.6186	0.6985	1.1600e-003		0.0301	0.0301		0.0283	0.0283	0.0000	99.6759	99.6759	0.0237	0.0000	100.2687

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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	2.8000e-003	0.0908	0.0236	3.0000e-004	6.8400e-003	7.0000e-005	6.9200e-003	1.9700e-003	7.0000e-005	2.0400e-003	0.0000	28.9501	28.9501	1.6200e-003	0.0000	28.9906
Worker	0.0164	0.0113	0.1162	2.8000e-004	0.0327	1.9000e-004	0.0329	8.6800e-003	1.8000e-004	8.8600e-003	0.0000	25.0173	25.0173	9.2000e-004	0.0000	25.0403
Total	0.0192	0.1021	0.1398	5.8000e-004	0.0395	2.6000e-004	0.0398	0.0107	2.5000e-004	0.0109	0.0000	53.9674	53.9674	2.5400e-003	0.0000	54.0308

3.5 Paving - 2021**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	0.0283	0.2907	0.3297	5.1000e-004		0.0153	0.0153		0.0140	0.0140	0.0000	45.0528	45.0528	0.0146	0.0000	45.4171
Paving	3.2200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0315	0.2907	0.3297	5.1000e-004		0.0153	0.0153		0.0140	0.0140	0.0000	45.0528	45.0528	0.0146	0.0000	45.4171

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3.5 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5900e-003	1.1500e-003	0.0117	3.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.3029	2.3029	9.0000e-005	0.0000	2.3052
Total	1.5900e-003	1.1500e-003	0.0117	3.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.3029	2.3029	9.0000e-005	0.0000	2.3052

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	0.0283	0.2907	0.3297	5.1000e-004		0.0153	0.0153		0.0140	0.0140	0.0000	45.0528	45.0528	0.0146	0.0000	45.4171
Paving	3.2200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0315	0.2907	0.3297	5.1000e-004		0.0153	0.0153		0.0140	0.0140	0.0000	45.0528	45.0528	0.0146	0.0000	45.4171

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3.5 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5900e-003	1.1500e-003	0.0117	3.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.3029	2.3029	9.0000e-005	0.0000	2.3052
Total	1.5900e-003	1.1500e-003	0.0117	3.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.3029	2.3029	9.0000e-005	0.0000	2.3052

3.5 Paving - 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	5.5100e-003	0.0556	0.0729	1.1000e-004		2.8400e-003	2.8400e-003		2.6100e-003	2.6100e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0948
Paving	7.1000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.2200e-003	0.0556	0.0729	1.1000e-004		2.8400e-003	2.8400e-003		2.6100e-003	2.6100e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0948

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3.5 Paving - 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	3.3000e-004	2.3000e-004	2.3900e-003	1.0000e-005	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4930	0.4930	2.0000e-005	0.0000	0.4935
Total	3.3000e-004	2.3000e-004	2.3900e-003	1.0000e-005	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4930	0.4930	2.0000e-005	0.0000	0.4935

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	5.5100e-003	0.0556	0.0729	1.1000e-004		2.8400e-003	2.8400e-003		2.6100e-003	2.6100e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0947
Paving	7.1000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.2200e-003	0.0556	0.0729	1.1000e-004		2.8400e-003	2.8400e-003		2.6100e-003	2.6100e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0947

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3.5 Paving - 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	3.3000e-004	2.3000e-004	2.3900e-003	1.0000e-005	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4930	0.4930	2.0000e-005	0.0000	0.4935
Total	3.3000e-004	2.3000e-004	2.3900e-003	1.0000e-005	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4930	0.4930	2.0000e-005	0.0000	0.4935

3.6 Architectural Coating - 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					
Archit. Coating	1.8414					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463
Total	1.8680	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463

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3.6 Architectural Coating - 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	0.0103	7.2800e-003	0.0745	1.7000e-004	0.0194	1.2000e-004	0.0195	5.1400e-003	1.1000e-004	5.2400e-003	0.0000	15.3821	15.3821	5.9000e-004	0.0000	15.3970
Total	0.0103	7.2800e-003	0.0745	1.7000e-004	0.0194	1.2000e-004	0.0195	5.1400e-003	1.1000e-004	5.2400e-003	0.0000	15.3821	15.3821	5.9000e-004	0.0000	15.3970

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	1.8414					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463
Total	1.8680	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463

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3.6 Architectural Coating - 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	0.0103	7.2800e-003	0.0745	1.7000e-004	0.0194	1.2000e-004	0.0195	5.1400e-003	1.1000e-004	5.2400e-003	0.0000	15.3821	15.3821	5.9000e-004	0.0000	15.3970
Total	0.0103	7.2800e-003	0.0745	1.7000e-004	0.0194	1.2000e-004	0.0195	5.1400e-003	1.1000e-004	5.2400e-003	0.0000	15.3821	15.3821	5.9000e-004	0.0000	15.3970

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	0.7720					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0105	0.0710	0.0987	1.6000e-004		3.8600e-003	3.8600e-003		3.8600e-003	3.8600e-003	0.0000	13.9152	13.9152	8.3000e-004	0.0000	13.9361
Total	0.7824	0.0710	0.0987	1.6000e-004		3.8600e-003	3.8600e-003		3.8600e-003	3.8600e-003	0.0000	13.9152	13.9152	8.3000e-004	0.0000	13.9361

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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	4.0600e-003	2.7900e-003	0.0288	7.0000e-005	8.1100e-003	5.0000e-005	8.1600e-003	2.1500e-003	4.0000e-005	2.2000e-003	0.0000	6.2037	6.2037	2.3000e-004	0.0000	6.2094
Total	4.0600e-003	2.7900e-003	0.0288	7.0000e-005	8.1100e-003	5.0000e-005	8.1600e-003	2.1500e-003	4.0000e-005	2.2000e-003	0.0000	6.2037	6.2037	2.3000e-004	0.0000	6.2094

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7720					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0105	0.0710	0.0987	1.6000e-004		3.8600e-003	3.8600e-003		3.8600e-003	3.8600e-003	0.0000	13.9152	13.9152	8.3000e-004	0.0000	13.9360
Total	0.7824	0.0710	0.0987	1.6000e-004		3.8600e-003	3.8600e-003		3.8600e-003	3.8600e-003	0.0000	13.9152	13.9152	8.3000e-004	0.0000	13.9360

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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	4.0600e-003	2.7900e-003	0.0288	7.0000e-005	8.1100e-003	5.0000e-005	8.1600e-003	2.1500e-003	4.0000e-005	2.2000e-003	0.0000	6.2037	6.2037	2.3000e-004	0.0000	6.2094
Total	4.0600e-003	2.7900e-003	0.0288	7.0000e-005	8.1100e-003	5.0000e-005	8.1600e-003	2.1500e-003	4.0000e-005	2.2000e-003	0.0000	6.2037	6.2037	2.3000e-004	0.0000	6.2094

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3279	2.5692	3.3700	0.0138	0.8393	6.5700e-003	0.8459	0.2255	6.1400e-003	0.2316	0.0000	1,286.9244	1,286.9244	0.0756	0.0000	1,288.8141
Unmitigated	0.3279	2.5692	3.3700	0.0138	0.8393	6.5700e-003	0.8459	0.2255	6.1400e-003	0.2316	0.0000	1,286.9244	1,286.9244	0.0756	0.0000	1,288.8141

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	972.32	972.32	972.32	2,168,407	2,168,407
Total	972.32	972.32	972.32	2,168,407	2,168,407

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Single Family Housing	11.00	3.50	4.50	40.00	20.00	40.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.492822	0.035624	0.185121	0.119005	0.014436	0.005121	0.022629	0.112565	0.003037	0.001863	0.006214	0.000779	0.000783
Single Family Housing	0.492822	0.035624	0.185121	0.119005	0.014436	0.005121	0.022629	0.112565	0.003037	0.001863	0.006214	0.000779	0.000783

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	517.5538	517.5538	0.0118	2.4400e-003	518.5772
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	517.5538	517.5538	0.0118	2.4400e-003	518.5772
NaturalGas Mitigated	0.0170	0.1452	0.0618	9.3000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	168.1709	168.1709	3.2200e-003	3.0800e-003	169.1702
NaturalGas Unmitigated	0.0170	0.1452	0.0618	9.3000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	168.1709	168.1709	3.2200e-003	3.0800e-003	169.1702

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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					
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
Single Family Housing	3.1514e+006	0.0170	0.1452	0.0618	9.3000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	168.1709	168.1709	3.2200e-003	3.0800e-003	169.1702
Total		0.0170	0.1452	0.0618	9.3000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	168.1709	168.1709	3.2200e-003	3.0800e-003	169.1702

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					
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
Single Family Housing	3.1514e+006	0.0170	0.1452	0.0618	9.3000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	168.1709	168.1709	3.2200e-003	3.0800e-003	169.1702
Total		0.0170	0.1452	0.0618	9.3000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	168.1709	168.1709	3.2200e-003	3.0800e-003	169.1702

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	897797	517.5538	0.0118	2.4400e-003	518.5772
Total		517.5538	0.0118	2.4400e-003	518.5772

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	897797	517.5538	0.0118	2.4400e-003	518.5772
Total		517.5538	0.0118	2.4400e-003	518.5772

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.9072	0.0107	0.7658	5.0000e-005		4.3900e-003	4.3900e-003		4.3900e-003	4.3900e-003	0.0000	3.4254	3.4254	1.2400e-003	4.0000e-005	3.4684
Unmitigated	1.9072	0.0107	0.7658	5.0000e-005		4.3900e-003	4.3900e-003		4.3900e-003	4.3900e-003	0.0000	3.4254	3.4254	1.2400e-003	4.0000e-005	3.4684

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2613					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6226					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.2000e-004	1.8800e-003	8.0000e-004	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	2.1761	2.1761	4.0000e-005	4.0000e-005	2.1890
Landscaping	0.0231	8.8200e-003	0.7650	4.0000e-005		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003	0.0000	1.2493	1.2493	1.2000e-003	0.0000	1.2794
Total	1.9072	0.0107	0.7658	5.0000e-005		4.3800e-003	4.3800e-003		4.3800e-003	4.3800e-003	0.0000	3.4254	3.4254	1.2400e-003	4.0000e-005	3.4684

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6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2613					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6226					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.2000e-004	1.8800e-003	8.0000e-004	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	2.1761	2.1761	4.0000e-005	4.0000e-005	2.1890
Landscaping	0.0231	8.8200e-003	0.7650	4.0000e-005		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003	0.0000	1.2493	1.2493	1.2000e-003	0.0000	1.2794
Total	1.9072	0.0107	0.7658	5.0000e-005		4.3800e-003	4.3800e-003		4.3800e-003	4.3800e-003	0.0000	3.4254	3.4254	1.2400e-003	4.0000e-005	3.4684

7.0 Water Detail**7.1 Mitigation Measures Water**

VENTANA SP - Salton Sea Air Basin, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	79.5986	0.2204	5.5300e-003	86.7573
Unmitigated	79.5986	0.2204	5.5300e-003	86.7573

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	6.71086 / 4.23076	79.5986	0.2204	5.5300e-003	86.7573
Total		79.5986	0.2204	5.5300e-003	86.7573

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	6.71086 / 4.23076	79.5986	0.2204	5.5300e-003	86.7573
Total		79.5986	0.2204	5.5300e-003	86.7573

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	27.7144	1.6379	0.0000	68.6611
Unmitigated	27.7144	1.6379	0.0000	68.6611

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8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	136.53	27.7144	1.6379	0.0000	68.6611
Total		27.7144	1.6379	0.0000	68.6611

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	136.53	27.7144	1.6379	0.0000	68.6611
Total		27.7144	1.6379	0.0000	68.6611

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

VENTANA SP - Salton Sea Air Basin, Summer

VENTANA SP
Salton Sea Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.00	Acre	3.00	130,680.00	0
Single Family Housing	103.00	Dwelling Unit	42.17	413,300.00	333

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.4	Precipitation Freq (Days)	20
Climate Zone	10			Operational Year	2023
Utility Company	Imperial Irrigation District				
CO2 Intensity (lb/MWhr)	1270.9	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

VENTANA SP - Salton Sea Air Basin, Summer

Project Characteristics -

Land Use - Assumes maximum allowed DU SF for all 103 units per the Specific Plan.

Construction Phase - Assumes a 2 year buildout from June 2021 to June 2023.

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

Grading - Preliminary grading plans: 74,383 CY of export.

Vehicle Trips - Assumes 972 daily trips per project Traffic Report.

Road Dust - All roads will be paved.

Woodstoves - Wood burning appliances are not proposed.

Construction Off-road Equipment Mitigation - Assumes adherence to standard dust control measures (SCAQMD Rule 403.1).

Off-road Equipment - Construction equipment list provided by applicant/noise engineer.

Off-road Equipment - Construction equipment list confirmed with project applicant and noise engineer.

Off-road Equipment -

Off-road Equipment - Construction equipment list confirmed with project applicant and noise engineer.

Off-road Equipment -

Trips and VMT -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	740.00	395.00
tblConstructionPhase	NumDays	55.00	369.00
tblConstructionPhase	PhaseEndDate	8/26/2024	5/1/2023
tblConstructionPhase	PhaseEndDate	11/11/2024	1/14/2022
tblConstructionPhase	PhaseEndDate	1/27/2025	6/1/2023
tblConstructionPhase	PhaseStartDate	8/27/2024	11/1/2021
tblConstructionPhase	PhaseStartDate	11/12/2024	1/1/2022
tblFireplaces	FireplaceWoodMass	2,080.00	0.00
tblGrading	AcresOfGrading	187.50	50.00
tblGrading	MaterialExported	0.00	74,383.00

VENTANA SP - Salton Sea Air Basin, Summer

tblLandUse	LandUseSquareFeet	185,400.00	413,300.00
tblLandUse	LotAcreage	33.44	42.17
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblRoadDust	RoadPercentPave	50	100
tblVehicleTrips	HO_TTP	40.60	40.00
tblVehicleTrips	HS_TTP	19.20	20.00
tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	ST_TR	9.91	9.44
tblVehicleTrips	SU_TR	8.62	9.44
tblVehicleTrips	WD_TR	9.52	9.44

2.0 Emissions Summary

VENTANA SP - Salton Sea Air Basin, Summer

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					
2021	4.9280	72.9415	36.4996	0.1599	18.2169	2.0662	20.2623	9.9706	1.9038	11.8524	0.0000	16,291.5895	16,291.5895	2.4230	0.0000	16,352.1635
2022	18.0574	31.2357	38.3267	0.0702	1.2065	1.4691	2.6756	0.3237	1.3751	1.6988	0.0000	6,820.8284	6,820.8284	1.4402	0.0000	6,856.8332
2023	16.5325	18.1134	22.6199	0.0457	1.0810	0.7776	1.8586	0.2904	0.7358	1.0262	0.0000	4,442.7218	4,442.7218	0.6966	0.0000	4,460.1362
Maximum	18.0574	72.9415	38.3267	0.1599	18.2169	2.0662	20.2623	9.9706	1.9038	11.8524	0.0000	16,291.5895	16,291.5895	2.4230	0.0000	16,352.1635

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					
2021	4.9280	72.9415	36.4996	0.1599	7.1964	2.0662	9.2418	3.9129	1.9038	5.7947	0.0000	16,291.5895	16,291.5895	2.4230	0.0000	16,352.1635
2022	18.0574	31.2357	38.3267	0.0702	1.2065	1.4691	2.6756	0.3237	1.3751	1.6988	0.0000	6,820.8284	6,820.8284	1.4402	0.0000	6,856.8332
2023	16.5325	18.1134	22.6199	0.0457	1.0810	0.7776	1.8586	0.2904	0.7358	1.0262	0.0000	4,442.7218	4,442.7218	0.6966	0.0000	4,460.1362
Maximum	18.0574	72.9415	38.3267	0.1599	7.1964	2.0662	9.2418	3.9129	1.9038	5.7947	0.0000	16,291.5895	16,291.5895	2.4230	0.0000	16,352.1635

VENTANA SP - Salton Sea Air Basin, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	53.75	0.00	44.44	57.23	0.00	41.56	0.00	0.00	0.00	0.00	0.00	0.00

VENTANA SP - Salton Sea Air Basin, Summer

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	10.6813	0.9719	8.8717	6.0300e-003		0.1177	0.1177		0.1177	0.1177	0.0000	1,130.9733	1,130.9733	0.0361	0.0205	1,137.9711
Energy	0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988
Mobile	2.2465	14.1332	21.8175	0.0806	4.6656	0.0359	4.7015	1.2520	0.0336	1.2856		8,260.9850	8,260.9850	0.4623		8,272.5420
Total	13.0209	15.9008	31.0278	0.0917	4.6656	0.2180	4.8836	1.2520	0.2156	1.4676	0.0000	10,407.7209	10,407.7209	0.5179	0.0391	10,432.3118

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	10.6813	0.9719	8.8717	6.0300e-003		0.1177	0.1177		0.1177	0.1177	0.0000	1,130.9733	1,130.9733	0.0361	0.0205	1,137.9711
Energy	0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988
Mobile	2.2465	14.1332	21.8175	0.0806	4.6656	0.0359	4.7015	1.2520	0.0336	1.2856		8,260.9850	8,260.9850	0.4623		8,272.5420
Total	13.0209	15.9008	31.0278	0.0917	4.6656	0.2180	4.8836	1.2520	0.2156	1.4676	0.0000	10,407.7209	10,407.7209	0.5179	0.0391	10,432.3118

VENTANA SP - Salton Sea Air Basin, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2021	7/12/2021	5	30	
2	Grading	Grading	7/13/2021	10/25/2021	5	75	
3	Building Construction	Building Construction	10/26/2021	5/1/2023	5	395	
4	Paving	Paving	11/1/2021	1/14/2022	5	55	
5	Architectural Coating	Architectural Coating	1/1/2022	6/1/2023	5	369	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 50

Acres of Paving: 3

Residential Indoor: 836,933; Residential Outdoor: 278,978; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 7,841 (Architectural Coating – sqft)

OffRoad Equipment

VENTANA SP - Salton Sea Air Basin, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Architectural Coating	Air Compressors	1	6.00	78	0.48
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	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
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
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	9,298.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	92.00	32.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

VENTANA SP - Salton Sea Air Basin, Summer

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

3.2 Site Preparation - 2021

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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

VENTANA SP - Salton Sea Air Basin, Summer

3.2 Site Preparation - 2021

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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1012	0.0609	0.7797	1.5100e-003	0.1506	9.3000e-004	0.1515	0.0400	8.5000e-004	0.0408		149.7216	149.7216	6.4100e-003		149.8818
Total	0.1012	0.0609	0.7797	1.5100e-003	0.1506	9.3000e-004	0.1515	0.0400	8.5000e-004	0.0408		149.7216	149.7216	6.4100e-003		149.8818

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	7.0458	2.0445	9.0903	3.8730	1.8809	5.7539	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

VENTANA SP - Salton Sea Air Basin, Summer

3.2 Site Preparation - 2021

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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1012	0.0609	0.7797	1.5100e-003	0.1506	9.3000e-004	0.1515	0.0400	8.5000e-004	0.0408		149.7216	149.7216	6.4100e-003		149.8818
Total	0.1012	0.0609	0.7797	1.5100e-003	0.1506	9.3000e-004	0.1515	0.0400	8.5000e-004	0.0408		149.7216	149.7216	6.4100e-003		149.8818

3.3 Grading - 2021

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					6.9266	0.0000	6.9266	3.4165	0.0000	3.4165			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	6.9266	1.9853	8.9119	3.4165	1.8265	5.2430		6,007.0434	6,007.0434	1.9428		6,055.6134

VENTANA SP - Salton Sea Air Basin, Summer

3.3 Grading - 2021

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	0.6245	26.4741	3.4610	0.0963	2.1730	0.0798	2.2529	0.5961	0.0764	0.6725		10,118.1888	10,118.1888	0.4730		10,130.0148
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1124	0.0676	0.8663	1.6700e-003	0.1673	1.0300e-003	0.1684	0.0444	9.5000e-004	0.0453		166.3573	166.3573	7.1200e-003		166.5353
Total	0.7369	26.5417	4.3273	0.0979	2.3404	0.0809	2.4212	0.6405	0.0773	0.7178		10,284.5461	10,284.5461	0.4802		10,296.5501

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					2.7014	0.0000	2.7014	1.3324	0.0000	1.3324			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	2.7014	1.9853	4.6867	1.3324	1.8265	3.1589	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134

VENTANA SP - Salton Sea Air Basin, Summer

3.3 Grading - 2021

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	0.6245	26.4741	3.4610	0.0963	2.1730	0.0798	2.2529	0.5961	0.0764	0.6725		10,118.1888	10,118.1888	0.4730		10,130.0148
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1124	0.0676	0.8663	1.6700e-003	0.1673	1.0300e-003	0.1684	0.0444	9.5000e-004	0.0453		166.3573	166.3573	7.1200e-003		166.5353
Total	0.7369	26.5417	4.3273	0.0979	2.3404	0.0809	2.4212	0.6405	0.0773	0.7178		10,284.5461	10,284.5461	0.4802		10,296.5501

3.4 Building Construction - 2021

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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

VENTANA SP - Salton Sea Air Basin, Summer

3.4 Building Construction - 2021

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
Vendor	0.0878	2.8504	0.6363	7.4700e-003	0.1607	5.0600e-003	0.1658	0.0463	4.8400e-003	0.0511		782.2398	782.2398	0.0598		783.7352
Worker	0.5171	0.3111	3.9851	7.7000e-003	0.7697	4.7400e-003	0.7745	0.2042	4.3700e-003	0.2085		765.2436	765.2436	0.0328		766.0623
Total	0.6049	3.1615	4.6214	0.0152	0.9304	9.8000e-003	0.9402	0.2505	9.2100e-003	0.2597		1,547.4834	1,547.4834	0.0926		1,549.7976

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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

VENTANA SP - Salton Sea Air Basin, Summer

3.4 Building Construction - 2021

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
Vendor	0.0878	2.8504	0.6363	7.4700e-003	0.1607	5.0600e-003	0.1658	0.0463	4.8400e-003	0.0511		782.2398	782.2398	0.0598		783.7352
Worker	0.5171	0.3111	3.9851	7.7000e-003	0.7697	4.7400e-003	0.7745	0.2042	4.3700e-003	0.2085		765.2436	765.2436	0.0328		766.0623
Total	0.6049	3.1615	4.6214	0.0152	0.9304	9.8000e-003	0.9402	0.2505	9.2100e-003	0.2597		1,547.4834	1,547.4834	0.0926		1,549.7976

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

VENTANA SP - Salton Sea Air Basin, Summer

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	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
Vendor	0.0815	2.7014	0.5852	7.4100e-003	0.1607	4.2400e-003	0.1649	0.0463	4.0500e-003	0.0504		775.7701	775.7701	0.0555		777.1577
Worker	0.4819	0.2835	3.6683	7.4200e-003	0.7697	4.5900e-003	0.7743	0.2042	4.2200e-003	0.2084		737.1897	737.1897	0.0297		737.9333
Total	0.5634	2.9850	4.2535	0.0148	0.9304	8.8300e-003	0.9393	0.2505	8.2700e-003	0.2587		1,512.9598	1,512.9598	0.0853		1,515.0910

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

VENTANA SP - Salton Sea Air Basin, Summer

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	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
Vendor	0.0815	2.7014	0.5852	7.4100e-003	0.1607	4.2400e-003	0.1649	0.0463	4.0500e-003	0.0504		775.7701	775.7701	0.0555			777.1577
Worker	0.4819	0.2835	3.6683	7.4200e-003	0.7697	4.5900e-003	0.7743	0.2042	4.2200e-003	0.2084		737.1897	737.1897	0.0297			737.9333
Total	0.5634	2.9850	4.2535	0.0148	0.9304	8.8300e-003	0.9393	0.2505	8.2700e-003	0.2587		1,512.9598	1,512.9598	0.0853			1,515.0910

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

VENTANA SP - Salton Sea Air Basin, Summer

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	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
Vendor	0.0645	2.1153	0.5151	7.2400e-003	0.1607	1.6800e-003	0.1624	0.0463	1.6100e-003	0.0479		758.1678	758.1678	0.0395		759.1555
Worker	0.4507	0.2595	3.3871	7.1300e-003	0.7697	4.4600e-003	0.7742	0.2042	4.1000e-003	0.2083		709.1494	709.1494	0.0271		709.8265
Total	0.5152	2.3748	3.9021	0.0144	0.9304	6.1400e-003	0.9366	0.2505	5.7100e-003	0.2562		1,467.3172	1,467.3172	0.0666		1,468.9821

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

VENTANA SP - Salton Sea Air Basin, Summer

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	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
Vendor	0.0645	2.1153	0.5151	7.2400e-003	0.1607	1.6800e-003	0.1624	0.0463	1.6100e-003	0.0479		758.1678	758.1678	0.0395		759.1555
Worker	0.4507	0.2595	3.3871	7.1300e-003	0.7697	4.4600e-003	0.7742	0.2042	4.1000e-003	0.2083		709.1494	709.1494	0.0271		709.8265
Total	0.5152	2.3748	3.9021	0.0144	0.9304	6.1400e-003	0.9366	0.2505	5.7100e-003	0.2562		1,467.3172	1,467.3172	0.0666		1,468.9821

3.5 Paving - 2021

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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.1429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3985	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

VENTANA SP - Salton Sea Air Basin, Summer

3.5 Paving - 2021

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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0843	0.0507	0.6498	1.2600e-003	0.1255	7.7000e-004	0.1263	0.0333	7.1000e-004	0.0340		124.7680	124.7680	5.3400e-003		124.9015
Total	0.0843	0.0507	0.6498	1.2600e-003	0.1255	7.7000e-004	0.1263	0.0333	7.1000e-004	0.0340		124.7680	124.7680	5.3400e-003		124.9015

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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.1429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3985	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

VENTANA SP - Salton Sea Air Basin, Summer

3.5 Paving - 2021

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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0843	0.0507	0.6498	1.2600e-003	0.1255	7.7000e-004	0.1263	0.0333	7.1000e-004	0.0340		124.7680	124.7680	5.3400e-003		124.9015
Total	0.0843	0.0507	0.6498	1.2600e-003	0.1255	7.7000e-004	0.1263	0.0333	7.1000e-004	0.0340		124.7680	124.7680	5.3400e-003		124.9015

3.5 Paving - 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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.1429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2457	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

VENTANA SP - Salton Sea Air Basin, Summer

3.5 Paving - 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	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0786	0.0462	0.5981	1.2100e-003	0.1255	7.5000e-004	0.1263	0.0333	6.9000e-004	0.0340		120.1940	120.1940	4.8500e-003		120.3152
Total	0.0786	0.0462	0.5981	1.2100e-003	0.1255	7.5000e-004	0.1263	0.0333	6.9000e-004	0.0340		120.1940	120.1940	4.8500e-003		120.3152

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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.1429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2457	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

VENTANA SP - Salton Sea Air Basin, Summer

3.5 Paving - 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	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0786	0.0462	0.5981	1.2100e-003	0.1255	7.5000e-004	0.1263	0.0333	6.9000e-004	0.0340		120.1940	120.1940	4.8500e-003		120.3152
Total	0.0786	0.0462	0.5981	1.2100e-003	0.1255	7.5000e-004	0.1263	0.0333	6.9000e-004	0.0340		120.1940	120.1940	4.8500e-003		120.3152

3.6 Architectural Coating - 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					
Archit. Coating	14.1647					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	14.3692	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

VENTANA SP - Salton Sea Air Basin, Summer

3.6 Architectural Coating - 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	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0943	0.0555	0.7177	1.4500e-003	0.1506	9.0000e-004	0.1515	0.0400	8.3000e-004	0.0408		144.2328	144.2328	5.8200e-003		144.3783
Total	0.0943	0.0555	0.7177	1.4500e-003	0.1506	9.0000e-004	0.1515	0.0400	8.3000e-004	0.0408		144.2328	144.2328	5.8200e-003		144.3783

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	14.1647					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	14.3692	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

VENTANA SP - Salton Sea Air Basin, Summer

3.6 Architectural Coating - 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	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0943	0.0555	0.7177	1.4500e-003	0.1506	9.0000e-004	0.1515	0.0400	8.3000e-004	0.0408		144.2328	144.2328	5.8200e-003		144.3783
Total	0.0943	0.0555	0.7177	1.4500e-003	0.1506	9.0000e-004	0.1515	0.0400	8.3000e-004	0.0408		144.2328	144.2328	5.8200e-003		144.3783

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	14.1647					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	14.3563	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

VENTANA SP - Salton Sea Air Basin, Summer

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	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0882	0.0508	0.6627	1.4000e-003	0.1506	8.7000e-004	0.1515	0.0400	8.0000e-004	0.0408		138.7466	138.7466	5.3000e-003		138.8791
Total	0.0882	0.0508	0.6627	1.4000e-003	0.1506	8.7000e-004	0.1515	0.0400	8.0000e-004	0.0408		138.7466	138.7466	5.3000e-003		138.8791

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	14.1647					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	14.3563	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

VENTANA SP - Salton Sea Air Basin, Summer

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	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0882	0.0508	0.6627	1.4000e-003	0.1506	8.7000e-004	0.1515	0.0400	8.0000e-004	0.0408		138.7466	138.7466	5.3000e-003		138.8791
Total	0.0882	0.0508	0.6627	1.4000e-003	0.1506	8.7000e-004	0.1515	0.0400	8.0000e-004	0.0408		138.7466	138.7466	5.3000e-003		138.8791

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

VENTANA SP - Salton Sea Air Basin, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.2465	14.1332	21.8175	0.0806	4.6656	0.0359	4.7015	1.2520	0.0336	1.2856		8,260.9850	8,260.9850	0.4623		8,272.5420
Unmitigated	2.2465	14.1332	21.8175	0.0806	4.6656	0.0359	4.7015	1.2520	0.0336	1.2856		8,260.9850	8,260.9850	0.4623		8,272.5420

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	972.32	972.32	972.32	2,168,407	2,168,407
Total	972.32	972.32	972.32	2,168,407	2,168,407

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Single Family Housing	11.00	3.50	4.50	40.00	20.00	40.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.492822	0.035624	0.185121	0.119005	0.014436	0.005121	0.022629	0.112565	0.003037	0.001863	0.006214	0.000779	0.000783
Single Family Housing	0.492822	0.035624	0.185121	0.119005	0.014436	0.005121	0.022629	0.112565	0.003037	0.001863	0.006214	0.000779	0.000783

VENTANA SP - Salton Sea Air Basin, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988
NaturalGas Unmitigated	0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988

VENTANA SP - Salton Sea Air Basin, Summer

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					
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
Single Family Housing	8633.98	0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988
Total		0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988

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					
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
Single Family Housing	8.63398	0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988
Total		0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988

6.0 Area Detail

6.1 Mitigation Measures Area

VENTANA SP - Salton Sea Air Basin, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.6813	0.9719	8.8717	6.0300e-003		0.1177	0.1177		0.1177	0.1177	0.0000	1,130.9733	1,130.9733	0.0361	0.0205	1,137.9711
Unmitigated	10.6813	0.9719	8.8717	6.0300e-003		0.1177	0.1177		0.1177	0.1177	0.0000	1,130.9733	1,130.9733	0.0361	0.0205	1,137.9711

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.4320					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.8909					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.1023	0.8739	0.3719	5.5800e-003		0.0707	0.0707		0.0707	0.0707	0.0000	1,115.6718	1,115.6718	0.0214	0.0205	1,122.3016
Landscaping	0.2561	0.0980	8.4998	4.5000e-004		0.0471	0.0471		0.0471	0.0471		15.3015	15.3015	0.0147		15.6694
Total	10.6813	0.9719	8.8717	6.0300e-003		0.1177	0.1177		0.1177	0.1177	0.0000	1,130.9733	1,130.9733	0.0361	0.0205	1,137.9711

VENTANA SP - Salton Sea Air Basin, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.4320					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.8909					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.1023	0.8739	0.3719	5.5800e-003		0.0707	0.0707		0.0707	0.0707	0.0000	1,115.6718	1,115.6718	0.0214	0.0205	1,122.3016
Landscaping	0.2561	0.0980	8.4998	4.5000e-004		0.0471	0.0471		0.0471	0.0471		15.3015	15.3015	0.0147		15.6694
Total	10.6813	0.9719	8.8717	6.0300e-003		0.1177	0.1177		0.1177	0.1177	0.0000	1,130.9733	1,130.9733	0.0361	0.0205	1,137.9711

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

VENTANA SP - Salton Sea Air Basin, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

VENTANA SP - Salton Sea Air Basin, Winter

VENTANA SP
Salton Sea Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.00	Acre	3.00	130,680.00	0
Single Family Housing	103.00	Dwelling Unit	42.17	413,300.00	333

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.4	Precipitation Freq (Days)	20
Climate Zone	10			Operational Year	2023
Utility Company	Imperial Irrigation District				
CO2 Intensity (lb/MW hr)	1270.9	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

VENTANA SP - Salton Sea Air Basin, Winter

Project Characteristics -

Land Use - Assumes maximum allowed DU SF for all 103 units per the Specific Plan.

Construction Phase - Assumes a 2 year buildout from June 2021 to June 2023.

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

Grading - Preliminary grading plans: 74,383 CY of export.

Vehicle Trips - Assumes 972 daily trips per project Traffic Report.

Road Dust - All roads will be paved.

Woodstoves - Wood burning appliances are not proposed.

Construction Off-road Equipment Mitigation - Assumes adherence to standard dust control measures (SCAQMD Rule 403.1).

Off-road Equipment - Construction equipment list provided by applicant/noise engineer.

Off-road Equipment - Construction equipment list confirmed with project applicant and noise engineer.

Off-road Equipment -

Off-road Equipment - Construction equipment list confirmed with project applicant and noise engineer.

Off-road Equipment -

Trips and VMT -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	740.00	395.00
tblConstructionPhase	NumDays	55.00	369.00
tblConstructionPhase	PhaseEndDate	8/26/2024	5/1/2023
tblConstructionPhase	PhaseEndDate	11/11/2024	1/14/2022
tblConstructionPhase	PhaseEndDate	1/27/2025	6/1/2023
tblConstructionPhase	PhaseStartDate	8/27/2024	11/1/2021
tblConstructionPhase	PhaseStartDate	11/12/2024	1/1/2022
tblFireplaces	FireplaceWoodMass	2,080.00	0.00
tblGrading	AcresOfGrading	187.50	50.00
tblGrading	MaterialExported	0.00	74,383.00

VENTANA SP - Salton Sea Air Basin, Winter

tblLandUse	LandUseSquareFeet	185,400.00	413,300.00
tblLandUse	LotAcreage	33.44	42.17
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblRoadDust	RoadPercentPave	50	100
tblVehicleTrips	HO_TTP	40.60	40.00
tblVehicleTrips	HS_TTP	19.20	20.00
tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	ST_TR	9.91	9.44
tblVehicleTrips	SU_TR	8.62	9.44
tblVehicleTrips	WD_TR	9.52	9.44

2.0 Emissions Summary

VENTANA SP - Salton Sea Air Basin, Winter

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					
2021	4.9465	73.3820	35.6579	0.1568	18.2169	2.0678	20.2623	9.9706	1.9054	11.8524	0.0000	15,965.07 59	15,965.07 59	2.4777	0.0000	16,027.01 80
2022	17.9518	31.2189	37.0114	0.0682	1.2065	1.4693	2.6759	0.3237	1.3754	1.6991	0.0000	6,621.573 9	6,621.573 9	1.4389	0.0000	6,657.547 4
2023	16.4471	18.0918	21.5381	0.0440	1.0810	0.7776	1.8587	0.2904	0.7358	1.0262	0.0000	4,269.259 7	4,269.259 7	0.6949	0.0000	4,286.631 3
Maximum	17.9518	73.3820	37.0114	0.1568	18.2169	2.0678	20.2623	9.9706	1.9054	11.8524	0.0000	15,965.07 59	15,965.07 59	2.4777	0.0000	16,027.01 80

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					
2021	4.9465	73.3820	35.6579	0.1568	7.1964	2.0678	9.2418	3.9129	1.9054	5.7947	0.0000	15,965.07 59	15,965.07 59	2.4777	0.0000	16,027.01 80
2022	17.9518	31.2189	37.0114	0.0682	1.2065	1.4693	2.6759	0.3237	1.3754	1.6991	0.0000	6,621.573 9	6,621.573 9	1.4389	0.0000	6,657.547 4
2023	16.4471	18.0918	21.5381	0.0440	1.0810	0.7776	1.8587	0.2904	0.7358	1.0262	0.0000	4,269.259 7	4,269.259 7	0.6949	0.0000	4,286.631 3
Maximum	17.9518	73.3820	37.0114	0.1568	7.1964	2.0678	9.2418	3.9129	1.9054	5.7947	0.0000	15,965.07 59	15,965.07 59	2.4777	0.0000	16,027.01 80

VENTANA SP - Salton Sea Air Basin, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	53.75	0.00	44.44	57.23	0.00	41.55	0.00	0.00	0.00	0.00	0.00	0.00

VENTANA SP - Salton Sea Air Basin, Winter

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	10.6813	0.9719	8.8717	6.0300e-003		0.1177	0.1177		0.1177	0.1177	0.0000	1,130.9733	1,130.9733	0.0361	0.0205	1,137.9711
Energy	0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988
Mobile	1.6150	13.9793	17.6931	0.0723	4.6656	0.0364	4.7020	1.2520	0.0340	1.2860		7,420.8241	7,420.8241	0.4700		7,432.5749
Total	12.3893	15.7469	26.9034	0.0834	4.6656	0.2184	4.8840	1.2520	0.2160	1.4681	0.0000	9,567.5600	9,567.5600	0.5256	0.0391	9,592.3448

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	10.6813	0.9719	8.8717	6.0300e-003		0.1177	0.1177		0.1177	0.1177	0.0000	1,130.9733	1,130.9733	0.0361	0.0205	1,137.9711
Energy	0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988
Mobile	1.6150	13.9793	17.6931	0.0723	4.6656	0.0364	4.7020	1.2520	0.0340	1.2860		7,420.8241	7,420.8241	0.4700		7,432.5749
Total	12.3893	15.7469	26.9034	0.0834	4.6656	0.2184	4.8840	1.2520	0.2160	1.4681	0.0000	9,567.5600	9,567.5600	0.5256	0.0391	9,592.3448

VENTANA SP - Salton Sea Air Basin, Winter

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2021	7/12/2021	5	30	
2	Grading	Grading	7/13/2021	10/25/2021	5	75	
3	Building Construction	Building Construction	10/26/2021	5/1/2023	5	395	
4	Paving	Paving	11/1/2021	1/14/2022	5	55	
5	Architectural Coating	Architectural Coating	1/1/2022	6/1/2023	5	369	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 50

Acres of Paving: 3

Residential Indoor: 836,933; Residential Outdoor: 278,978; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 7,841 (Architectural Coating – sqft)

OffRoad Equipment

VENTANA SP - Salton Sea Air Basin, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Architectural Coating	Air Compressors	1	6.00	78	0.48
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	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
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
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	9,298.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	92.00	32.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

VENTANA SP - Salton Sea Air Basin, Winter

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

3.2 Site Preparation - 2021

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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

VENTANA SP - Salton Sea Air Basin, Winter

3.2 Site Preparation - 2021

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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0837	0.0627	0.5565	1.2600e-003	0.1506	9.3000e-004	0.1515	0.0400	8.5000e-004	0.0408		125.8036	125.8036	5.0700e-003		125.9304
Total	0.0837	0.0627	0.5565	1.2600e-003	0.1506	9.3000e-004	0.1515	0.0400	8.5000e-004	0.0408		125.8036	125.8036	5.0700e-003		125.9304

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	7.0458	2.0445	9.0903	3.8730	1.8809	5.7539	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

VENTANA SP - Salton Sea Air Basin, Winter

3.2 Site Preparation - 2021

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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0837	0.0627	0.5565	1.2600e-003	0.1506	9.3000e-004	0.1515	0.0400	8.5000e-004	0.0408		125.8036	125.8036	5.0700e-003		125.9304
Total	0.0837	0.0627	0.5565	1.2600e-003	0.1506	9.3000e-004	0.1515	0.0400	8.5000e-004	0.0408		125.8036	125.8036	5.0700e-003		125.9304

3.3 Grading - 2021

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					6.9266	0.0000	6.9266	3.4165	0.0000	3.4165			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	6.9266	1.9853	8.9119	3.4165	1.8265	5.2430		6,007.0434	6,007.0434	1.9428		6,055.6134

VENTANA SP - Salton Sea Air Basin, Winter

3.3 Grading - 2021

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	0.6624	26.9125	4.1611	0.0934	2.1730	0.0815	2.2545	0.5961	0.0779	0.6740		9,818.2507	9,818.2507	0.5293		9,831.4819
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0930	0.0696	0.6183	1.4100e-003	0.1673	1.0300e-003	0.1684	0.0444	9.5000e-004	0.0453		139.7818	139.7818	5.6400e-003		139.9227
Total	0.7554	26.9821	4.7794	0.0948	2.3404	0.0825	2.4229	0.6405	0.0789	0.7193		9,958.0324	9,958.0324	0.5349		9,971.4046

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					2.7014	0.0000	2.7014	1.3324	0.0000	1.3324			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	2.7014	1.9853	4.6867	1.3324	1.8265	3.1589	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134

VENTANA SP - Salton Sea Air Basin, Winter

3.3 Grading - 2021

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	0.6624	26.9125	4.1611	0.0934	2.1730	0.0815	2.2545	0.5961	0.0779	0.6740		9,818.2507	9,818.2507	0.5293		9,831.4819
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0930	0.0696	0.6183	1.4100e-003	0.1673	1.0300e-003	0.1684	0.0444	9.5000e-004	0.0453		139.7818	139.7818	5.6400e-003		139.9227
Total	0.7554	26.9821	4.7794	0.0948	2.3404	0.0825	2.4229	0.6405	0.0789	0.7193		9,958.0324	9,958.0324	0.5349		9,971.4046

3.4 Building Construction - 2021

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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

VENTANA SP - Salton Sea Air Basin, Winter

3.4 Building Construction - 2021

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
Vendor	0.0929	2.8268	0.7628	7.1000e-003	0.1607	5.3000e-003	0.1660	0.0463	5.0700e-003	0.0514		742.8391	742.8391	0.0673		744.5219
Worker	0.4277	0.3204	2.8444	6.4700e-003	0.7697	4.7400e-003	0.7745	0.2042	4.3700e-003	0.2085		642.9961	642.9961	0.0259		643.6443
Total	0.5206	3.1472	3.6072	0.0136	0.9304	0.0100	0.9405	0.2505	9.4400e-003	0.2599		1,385.8352	1,385.8352	0.0932		1,388.1662

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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

VENTANA SP - Salton Sea Air Basin, Winter

3.4 Building Construction - 2021

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
Vendor	0.0929	2.8268	0.7628	7.1000e-003	0.1607	5.3000e-003	0.1660	0.0463	5.0700e-003	0.0514		742.8391	742.8391	0.0673		744.5219
Worker	0.4277	0.3204	2.8444	6.4700e-003	0.7697	4.7400e-003	0.7745	0.2042	4.3700e-003	0.2085		642.9961	642.9961	0.0259		643.6443
Total	0.5206	3.1472	3.6072	0.0136	0.9304	0.0100	0.9405	0.2505	9.4400e-003	0.2599		1,385.8352	1,385.8352	0.0932		1,388.1662

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

VENTANA SP - Salton Sea Air Basin, Winter

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	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
Vendor	0.0864	2.6737	0.7053	7.0300e-003	0.1607	4.4600e-003	0.1652	0.0463	4.2700e-003	0.0506		736.4384	736.4384	0.0626		738.0027
Worker	0.4006	0.2916	2.6118	6.2300e-003	0.7697	4.5900e-003	0.7743	0.2042	4.2200e-003	0.2084		619.4865	619.4865	0.0236		620.0770
Total	0.4869	2.9653	3.3171	0.0133	0.9304	9.0500e-003	0.9395	0.2505	8.4900e-003	0.2590		1,355.9249	1,355.9249	0.0862		1,358.0797

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

VENTANA SP - Salton Sea Air Basin, Winter

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	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
Vendor	0.0864	2.6737	0.7053	7.0300e-003	0.1607	4.4600e-003	0.1652	0.0463	4.2700e-003	0.0506		736.4384	736.4384	0.0626		738.0027
Worker	0.4006	0.2916	2.6118	6.2300e-003	0.7697	4.5900e-003	0.7743	0.2042	4.2200e-003	0.2084		619.4865	619.4865	0.0236		620.0770
Total	0.4869	2.9653	3.3171	0.0133	0.9304	9.0500e-003	0.9395	0.2505	8.4900e-003	0.2590		1,355.9249	1,355.9249	0.0862		1,358.0797

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

VENTANA SP - Salton Sea Air Basin, Winter

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	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
Vendor	0.0679	2.0851	0.6058	6.8800e-003	0.1607	1.7500e-003	0.1624	0.0463	1.6700e-003	0.0480		720.0056	720.0056	0.0444		721.1149
Worker	0.3765	0.2666	2.4064	5.9900e-003	0.7697	4.4600e-003	0.7742	0.2042	4.1000e-003	0.2083		595.9895	595.9895	0.0216		596.5292
Total	0.4444	2.3517	3.0122	0.0129	0.9304	6.2100e-003	0.9366	0.2505	5.7700e-003	0.2562		1,315.9951	1,315.9951	0.0660		1,317.6440

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

VENTANA SP - Salton Sea Air Basin, Winter

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	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
Vendor	0.0679	2.0851	0.6058	6.8800e-003	0.1607	1.7500e-003	0.1624	0.0463	1.6700e-003	0.0480		720.0056	720.0056	0.0444		721.1149
Worker	0.3765	0.2666	2.4064	5.9900e-003	0.7697	4.4600e-003	0.7742	0.2042	4.1000e-003	0.2083		595.9895	595.9895	0.0216		596.5292
Total	0.4444	2.3517	3.0122	0.0129	0.9304	6.2100e-003	0.9366	0.2505	5.7700e-003	0.2562		1,315.9951	1,315.9951	0.0660		1,317.6440

3.5 Paving - 2021

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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.1429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3985	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

VENTANA SP - Salton Sea Air Basin, Winter

3.5 Paving - 2021

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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0697	0.0522	0.4638	1.0500e-003	0.1255	7.7000e-004	0.1263	0.0333	7.1000e-004	0.0340		104.8363	104.8363	4.2300e-003		104.9420
Total	0.0697	0.0522	0.4638	1.0500e-003	0.1255	7.7000e-004	0.1263	0.0333	7.1000e-004	0.0340		104.8363	104.8363	4.2300e-003		104.9420

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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.1429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3985	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

VENTANA SP - Salton Sea Air Basin, Winter

3.5 Paving - 2021

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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0697	0.0522	0.4638	1.0500e-003	0.1255	7.7000e-004	0.1263	0.0333	7.1000e-004	0.0340		104.8363	104.8363	4.2300e-003		104.9420
Total	0.0697	0.0522	0.4638	1.0500e-003	0.1255	7.7000e-004	0.1263	0.0333	7.1000e-004	0.0340		104.8363	104.8363	4.2300e-003		104.9420

3.5 Paving - 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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.1429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2457	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

VENTANA SP - Salton Sea Air Basin, Winter

3.5 Paving - 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	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0653	0.0476	0.4258	1.0200e-003	0.1255	7.5000e-004	0.1263	0.0333	6.9000e-004	0.0340		101.0032	101.0032	3.8500e-003		101.0995
Total	0.0653	0.0476	0.4258	1.0200e-003	0.1255	7.5000e-004	0.1263	0.0333	6.9000e-004	0.0340		101.0032	101.0032	3.8500e-003		101.0995

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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.1429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2457	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

VENTANA SP - Salton Sea Air Basin, Winter

3.5 Paving - 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	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0653	0.0476	0.4258	1.0200e-003	0.1255	7.5000e-004	0.1263	0.0333	6.9000e-004	0.0340		101.0032	101.0032	3.8500e-003		101.0995
Total	0.0653	0.0476	0.4258	1.0200e-003	0.1255	7.5000e-004	0.1263	0.0333	6.9000e-004	0.0340		101.0032	101.0032	3.8500e-003		101.0995

3.6 Architectural Coating - 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					
Archit. Coating	14.1647					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	14.3692	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

VENTANA SP - Salton Sea Air Basin, Winter

3.6 Architectural Coating - 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	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0784	0.0571	0.5110	1.2200e-003	0.1506	9.0000e-004	0.1515	0.0400	8.3000e-004	0.0408		121.2039	121.2039	4.6200e-003		121.3194
Total	0.0784	0.0571	0.5110	1.2200e-003	0.1506	9.0000e-004	0.1515	0.0400	8.3000e-004	0.0408		121.2039	121.2039	4.6200e-003		121.3194

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	14.1647					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	14.3692	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

VENTANA SP - Salton Sea Air Basin, Winter

3.6 Architectural Coating - 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	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0784	0.0571	0.5110	1.2200e-003	0.1506	9.0000e-004	0.1515	0.0400	8.3000e-004	0.0408		121.2039	121.2039	4.6200e-003		121.3194
Total	0.0784	0.0571	0.5110	1.2200e-003	0.1506	9.0000e-004	0.1515	0.0400	8.3000e-004	0.0408		121.2039	121.2039	4.6200e-003		121.3194

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	14.1647					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	14.3563	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

VENTANA SP - Salton Sea Air Basin, Winter

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	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
Vendor	0.0000	0.0000	0.0000	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	0.0522	0.4708	1.1700e-003	0.1506	8.7000e-004	0.1515	0.0400	8.0000e-004	0.0408		116.6066	116.6066	4.2200e-003		116.7122
Total	0.0737	0.0522	0.4708	1.1700e-003	0.1506	8.7000e-004	0.1515	0.0400	8.0000e-004	0.0408		116.6066	116.6066	4.2200e-003		116.7122

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	14.1647					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	14.3563	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

VENTANA SP - Salton Sea Air Basin, Winter

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	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
Vendor	0.0000	0.0000	0.0000	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	0.0522	0.4708	1.1700e-003	0.1506	8.7000e-004	0.1515	0.0400	8.0000e-004	0.0408		116.6066	116.6066	4.2200e-003		116.7122
Total	0.0737	0.0522	0.4708	1.1700e-003	0.1506	8.7000e-004	0.1515	0.0400	8.0000e-004	0.0408		116.6066	116.6066	4.2200e-003		116.7122

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

VENTANA SP - Salton Sea Air Basin, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6150	13.9793	17.6931	0.0723	4.6656	0.0364	4.7020	1.2520	0.0340	1.2860		7,420.824 1	7,420.824 1	0.4700		7,432.574 9
Unmitigated	1.6150	13.9793	17.6931	0.0723	4.6656	0.0364	4.7020	1.2520	0.0340	1.2860		7,420.824 1	7,420.824 1	0.4700		7,432.574 9

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	972.32	972.32	972.32	2,168,407	2,168,407
Total	972.32	972.32	972.32	2,168,407	2,168,407

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Single Family Housing	11.00	3.50	4.50	40.00	20.00	40.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.492822	0.035624	0.185121	0.119005	0.014436	0.005121	0.022629	0.112565	0.003037	0.001863	0.006214	0.000779	0.000783
Single Family Housing	0.492822	0.035624	0.185121	0.119005	0.014436	0.005121	0.022629	0.112565	0.003037	0.001863	0.006214	0.000779	0.000783

VENTANA SP - Salton Sea Air Basin, Winter

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988
NaturalGas Unmitigated	0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988

VENTANA SP - Salton Sea Air Basin, Winter

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					
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
Single Family Housing	8633.98	0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988
Total		0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988

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					
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
Single Family Housing	8.63398	0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988
Total		0.0931	0.7957	0.3386	5.0800e-003		0.0643	0.0643		0.0643	0.0643		1,015.7626	1,015.7626	0.0195	0.0186	1,021.7988

6.0 Area Detail

6.1 Mitigation Measures Area

VENTANA SP - Salton Sea Air Basin, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.6813	0.9719	8.8717	6.0300e-003		0.1177	0.1177		0.1177	0.1177	0.0000	1,130.9733	1,130.9733	0.0361	0.0205	1,137.9711
Unmitigated	10.6813	0.9719	8.8717	6.0300e-003		0.1177	0.1177		0.1177	0.1177	0.0000	1,130.9733	1,130.9733	0.0361	0.0205	1,137.9711

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.4320					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.8909					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.1023	0.8739	0.3719	5.5800e-003		0.0707	0.0707		0.0707	0.0707	0.0000	1,115.6718	1,115.6718	0.0214	0.0205	1,122.3016
Landscaping	0.2561	0.0980	8.4998	4.5000e-004		0.0471	0.0471		0.0471	0.0471		15.3015	15.3015	0.0147		15.6694
Total	10.6813	0.9719	8.8717	6.0300e-003		0.1177	0.1177		0.1177	0.1177	0.0000	1,130.9733	1,130.9733	0.0361	0.0205	1,137.9711

VENTANA SP - Salton Sea Air Basin, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.4320					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.8909					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.1023	0.8739	0.3719	5.5800e-003		0.0707	0.0707		0.0707	0.0707	0.0000	1,115.6718	1,115.6718	0.0214	0.0205	1,122.3016
Landscaping	0.2561	0.0980	8.4998	4.5000e-004		0.0471	0.0471		0.0471	0.0471		15.3015	15.3015	0.0147		15.6694
Total	10.6813	0.9719	8.8717	6.0300e-003		0.1177	0.1177		0.1177	0.1177	0.0000	1,130.9733	1,130.9733	0.0361	0.0205	1,137.9711

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

VENTANA SP - Salton Sea Air Basin, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation
