



APPENDIX A

Air Quality CalEEMod Output Sheets



APPENDIX A.1

Construction

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

**Sunny Sands Construction - Phase 1
Riverside-Salton Sea County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	25.02	1000sqft	1.80	25,016.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Phase 1 construction area is approximately 1.8 acres.

Construction Phase - Construction schedule per Schematic Design Submittal (November 2021).

Grading - Assumed up to 5,000 cy soil export.

Demolition -

Architectural Coating - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Vehicle Trips - Construction only.

Construction Off-road Equipment Mitigation - Per SCAQMD Rule 403 Fugitive Dust requirements.

Area Mitigation - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	50
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	22.00
tblConstructionPhase	NumDays	200.00	239.00
tblConstructionPhase	NumDays	20.00	65.00
tblConstructionPhase	NumDays	4.00	23.00
tblConstructionPhase	PhaseEndDate	9/11/2023	2/29/2024
tblConstructionPhase	PhaseEndDate	8/14/2023	2/29/2024
tblConstructionPhase	PhaseEndDate	10/28/2022	12/30/2022
tblConstructionPhase	PhaseEndDate	11/7/2022	3/31/2023
tblConstructionPhase	PhaseStartDate	8/29/2023	1/31/2024
tblConstructionPhase	PhaseStartDate	11/8/2022	4/1/2023
tblConstructionPhase	PhaseStartDate	11/2/2022	3/1/2023
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LotAcreage	0.57	1.80
tblVehicleTrips	WD_TR	19.52	0.00

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/1/2022	12/30/2022	5	65	
2	Grading	Grading	3/1/2023	3/31/2023	5	23	
3	Building Construction	Building Construction	4/1/2023	2/29/2024	5	239	
4	Architectural Coating	Architectural Coating	1/31/2024	2/29/2024	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 23

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 37,524; Non-Residential Outdoor: 12,508; Striped Parking Area: 0 (Architectural Coating –

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	84.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	625.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	11.00	4.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Soil Stabilizer
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2807	0.0000	0.2807	0.0425	0.0000	0.0425			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.2807	0.8379	1.1186	0.0425	0.7829	0.8254		2,323.4168	2,323.4168	0.5921		2,338.2191

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.0900e-003	0.1651	0.0367	7.4000e-004	0.0226	1.9200e-003	0.0245	6.2000e-003	1.8400e-003	8.0400e-003		79.2639	79.2639	1.0700e-003	0.0125	83.0117
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0441	0.0265	0.4026	9.9000e-004	0.1088	5.6000e-004	0.1093	0.0289	5.1000e-004	0.0294		100.5480	100.5480	2.8800e-003	2.6700e-003	101.4170
Total	0.0481	0.1915	0.4393	1.7300e-003	0.1314	2.4800e-003	0.1339	0.0351	2.3500e-003	0.0374		179.8120	179.8120	3.9500e-003	0.0152	184.4287

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1074	0.0000	0.1074	0.0163	0.0000	0.0163			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.1074	0.8379	0.9453	0.0163	0.7829	0.7991	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.0900e-003	0.1651	0.0367	7.4000e-004	0.0226	1.9200e-003	0.0245	6.2000e-003	1.8400e-003	8.0400e-003		79.2639	79.2639	1.0700e-003	0.0125	83.0117
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0441	0.0265	0.4026	9.9000e-004	0.1088	5.6000e-004	0.1093	0.0289	5.1000e-004	0.0294		100.5480	100.5480	2.8800e-003	2.6700e-003	101.4170
Total	0.0481	0.1915	0.4393	1.7300e-003	0.1314	2.4800e-003	0.1339	0.0351	2.3500e-003	0.0374		179.8120	179.8120	3.9500e-003	0.0152	184.4287

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

3.3 Grading - 2023

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.1101	0.0000	7.1101	3.4289	0.0000	3.4289			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560		1,995.6147	1,995.6147	0.6454		2,011.7503
Total	1.3330	14.4676	8.7038	0.0206	7.1101	0.6044	7.7145	3.4289	0.5560	3.9849		1,995.6147	1,995.6147	0.6454		2,011.7503

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0595	2.7137	0.7462	0.0149	0.4756	0.0328	0.5084	0.1304	0.0313	0.1617		1,594.5535	1,594.5535	0.0226	0.2513	1,669.9945
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0314	0.0180	0.2851	7.4000e-004	0.0837	4.0000e-004	0.0841	0.0222	3.7000e-004	0.0226		74.8477	74.8477	1.9900e-003	1.9000e-003	75.4647
Total	0.0909	2.7317	1.0314	0.0157	0.5593	0.0332	0.5924	0.1526	0.0317	0.1843		1,669.4012	1,669.4012	0.0246	0.2532	1,745.4593

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.7196	0.0000	2.7196	1.3116	0.0000	1.3116			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560	0.0000	1,995.6147	1,995.6147	0.6454		2,011.7503
Total	1.3330	14.4676	8.7038	0.0206	2.7196	0.6044	3.3240	1.3116	0.5560	1.8676	0.0000	1,995.6147	1,995.6147	0.6454		2,011.7503

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0595	2.7137	0.7462	0.0149	0.4756	0.0328	0.5084	0.1304	0.0313	0.1617		1,594.5535	1,594.5535	0.0226	0.2513	1,669.9945
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0314	0.0180	0.2851	7.4000e-004	0.0837	4.0000e-004	0.0841	0.0222	3.7000e-004	0.0226		74.8477	74.8477	1.9900e-003	1.9000e-003	75.4647
Total	0.0909	2.7317	1.0314	0.0157	0.5593	0.0332	0.5924	0.1526	0.0317	0.1843		1,669.4012	1,669.4012	0.0246	0.2532	1,745.4593

3.4 Building Construction - 2023

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1900e-003	0.1131	0.0513	5.6000e-004	0.0201	9.0000e-004	0.0210	5.7800e-003	8.6000e-004	6.6400e-003		59.5836	59.5836	6.3000e-004	8.8200e-003	62.2282
Worker	0.0345	0.0198	0.3136	8.1000e-004	0.0920	4.4000e-004	0.0925	0.0244	4.1000e-004	0.0248		82.3325	82.3325	2.1900e-003	2.0900e-003	83.0112
Total	0.0387	0.1329	0.3649	1.3700e-003	0.1121	1.3400e-003	0.1135	0.0302	1.2700e-003	0.0315		141.9160	141.9160	2.8200e-003	0.0109	145.2394

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1900e-003	0.1131	0.0513	5.6000e-004	0.0201	9.0000e-004	0.0210	5.7800e-003	8.6000e-004	6.6400e-003		59.5836	59.5836	6.3000e-004	8.8200e-003	62.2282
Worker	0.0345	0.0198	0.3136	8.1000e-004	0.0920	4.4000e-004	0.0925	0.0244	4.1000e-004	0.0248		82.3325	82.3325	2.1900e-003	2.0900e-003	83.0112
Total	0.0387	0.1329	0.3649	1.3700e-003	0.1121	1.3400e-003	0.1135	0.0302	1.2700e-003	0.0315		141.9160	141.9160	2.8200e-003	0.0109	145.2394

3.4 Building Construction - 2024

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.9214	2,001.9214	0.3334		2,010.2563
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.9214	2,001.9214	0.3334		2,010.2563

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1300e-003	0.1131	0.0507	5.5000e-004	0.0201	8.9000e-004	0.0210	5.7800e-003	8.5000e-004	6.6300e-003		58.6647	58.6647	6.5000e-004	8.6700e-003	61.2655
Worker	0.0321	0.0177	0.2935	7.9000e-004	0.0920	4.2000e-004	0.0925	0.0244	3.9000e-004	0.0248		79.7113	79.7113	1.9900e-003	1.9500e-003	80.3418
Total	0.0363	0.1308	0.3443	1.3400e-003	0.1121	1.3100e-003	0.1134	0.0302	1.2400e-003	0.0314		138.3760	138.3760	2.6400e-003	0.0106	141.6073

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1300e-003	0.1131	0.0507	5.5000e-004	0.0201	8.9000e-004	0.0210	5.7800e-003	8.5000e-004	6.6300e-003		58.6647	58.6647	6.5000e-004	8.6700e-003	61.2655
Worker	0.0321	0.0177	0.2935	7.9000e-004	0.0920	4.2000e-004	0.0925	0.0244	3.9000e-004	0.0248		79.7113	79.7113	1.9900e-003	1.9500e-003	80.3418
Total	0.0363	0.1308	0.3443	1.3400e-003	0.1121	1.3100e-003	0.1134	0.0302	1.2400e-003	0.0314		138.3760	138.3760	2.6400e-003	0.0106	141.6073

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

3.5 Architectural Coating - 2024

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.2704					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	5.4512	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8400e-003	3.2200e-003	0.0534	1.4000e-004	0.0167	8.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		14.4930	14.4930	3.6000e-004	3.5000e-004	14.6076
Total	5.8400e-003	3.2200e-003	0.0534	1.4000e-004	0.0167	8.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		14.4930	14.4930	3.6000e-004	3.5000e-004	14.6076

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.2704					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	5.4512	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8400e-003	3.2200e-003	0.0534	1.4000e-004	0.0167	8.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		14.4930	14.4930	3.6000e-004	3.5000e-004	14.6076
Total	5.8400e-003	3.2200e-003	0.0534	1.4000e-004	0.0167	8.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		14.4930	14.4930	3.6000e-004	3.5000e-004	14.6076

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance Baseline	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Baseline	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Baseline	Regulatory Compliance
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Elementary School	12.50	4.20	5.40	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Regulatory Compliance	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003		70.0690	70.0690	1.3400e-003	1.2800e-003	70.4854
NaturalGas Baseline	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003		70.0690	70.0690	1.3400e-003	1.2800e-003	70.4854

5.2 Energy by Land Use - NaturalGas

Baseline

	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					
Elementary School	595.586	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003		70.0690	70.0690	1.3400e-003	1.2800e-003	70.4854
Total		6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003		70.0690	70.0690	1.3400e-003	1.2800e-003	70.4854

Regulatory Compliance

	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					
Elementary School	0.595586	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003		70.0690	70.0690	1.3400e-003	1.2800e-003	70.4854
Total		6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003		70.0690	70.0690	1.3400e-003	1.2800e-003	70.4854

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	0.5273	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.4700e-003	5.4700e-003	1.0000e-005		5.8300e-003
Baseline	0.6944	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.4700e-003	5.4700e-003	1.0000e-005		5.8300e-003

6.2 Area by SubCategory

Baseline

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4000e-004	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.4700e-003	5.4700e-003	1.0000e-005		5.8300e-003
Total	0.6944	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.4700e-003	5.4700e-003	1.0000e-005		5.8300e-003

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

Regulatory Compliance

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	lb/day										lb/day						
Architectural Coating	0.0318					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Consumer Products	0.4953					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Landscaping	2.4000e-004	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			5.4700e-003	5.4700e-003	1.0000e-005		5.8300e-003
Total	0.5273	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			5.4700e-003	5.4700e-003	1.0000e-005		5.8300e-003

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
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Summer

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

11.0 Vegetation

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

**Sunny Sands Construction - Phase 1
Riverside-Salton Sea County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	25.02	1000sqft	1.80	25,016.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Phase 1 construction area is approximately 1.8 acres.

Construction Phase - Construction schedule per Schematic Design Submittal (November 2021).

Grading - Assumed up to 5,000 cy soil export.

Demolition -

Architectural Coating - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Vehicle Trips - Construction only.

Construction Off-road Equipment Mitigation - Per SCAQMD Rule 403 Fugitive Dust requirements.

Area Mitigation - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	50
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	22.00
tblConstructionPhase	NumDays	200.00	239.00
tblConstructionPhase	NumDays	20.00	65.00
tblConstructionPhase	NumDays	4.00	23.00
tblConstructionPhase	PhaseEndDate	9/11/2023	2/29/2024
tblConstructionPhase	PhaseEndDate	8/14/2023	2/29/2024
tblConstructionPhase	PhaseEndDate	10/28/2022	12/30/2022
tblConstructionPhase	PhaseEndDate	11/7/2022	3/31/2023
tblConstructionPhase	PhaseStartDate	8/29/2023	1/31/2024
tblConstructionPhase	PhaseStartDate	11/8/2022	4/1/2023
tblConstructionPhase	PhaseStartDate	11/2/2022	3/1/2023
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LotAcreage	0.57	1.80
tblVehicleTrips	WD_TR	19.52	0.00

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/1/2022	12/30/2022	5	65	
2	Grading	Grading	3/1/2023	3/31/2023	5	23	
3	Building Construction	Building Construction	4/1/2023	2/29/2024	5	239	
4	Architectural Coating	Architectural Coating	1/31/2024	2/29/2024	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 23

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 37,524; Non-Residential Outdoor: 12,508; Striped Parking Area: 0 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	84.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	625.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	11.00	4.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Soil Stabilizer
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2807	0.0000	0.2807	0.0425	0.0000	0.0425			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.2807	0.8379	1.1186	0.0425	0.7829	0.8254		2,323.4168	2,323.4168	0.5921		2,338.2191

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.8900e-003	0.1741	0.0377	7.4000e-004	0.0226	1.9200e-003	0.0245	6.2000e-003	1.8400e-003	8.0400e-003		79.3245	79.3245	1.0600e-003	0.0125	83.0748
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0402	0.0275	0.3312	9.0000e-004	0.1088	5.6000e-004	0.1093	0.0289	5.1000e-004	0.0294		91.1208	91.1208	2.9200e-003	2.7400e-003	92.0103
Total	0.0441	0.2016	0.3689	1.6400e-003	0.1314	2.4800e-003	0.1339	0.0351	2.3500e-003	0.0374		170.4453	170.4453	3.9800e-003	0.0152	175.0851

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1074	0.0000	0.1074	0.0163	0.0000	0.0163			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.1074	0.8379	0.9453	0.0163	0.7829	0.7991	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.8900e-003	0.1741	0.0377	7.4000e-004	0.0226	1.9200e-003	0.0245	6.2000e-003	1.8400e-003	8.0400e-003		79.3245	79.3245	1.0600e-003	0.0125	83.0748
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0402	0.0275	0.3312	9.0000e-004	0.1088	5.6000e-004	0.1093	0.0289	5.1000e-004	0.0294		91.1208	91.1208	2.9200e-003	2.7400e-003	92.0103
Total	0.0441	0.2016	0.3689	1.6400e-003	0.1314	2.4800e-003	0.1339	0.0351	2.3500e-003	0.0374		170.4453	170.4453	3.9800e-003	0.0152	175.0851

3.3 Grading - 2023

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.1101	0.0000	7.1101	3.4289	0.0000	3.4289			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560		1,995.6147	1,995.6147	0.6454		2,011.7503
Total	1.3330	14.4676	8.7038	0.0206	7.1101	0.6044	7.7145	3.4289	0.5560	3.9849		1,995.6147	1,995.6147	0.6454		2,011.7503

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0547	2.8754	0.7619	0.0150	0.4756	0.0328	0.5084	0.1304	0.0314	0.1618		1,597.0472	1,597.0472	0.0224	0.2517	1,672.6000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0287	0.0187	0.2352	6.7000e-004	0.0837	4.0000e-004	0.0841	0.0222	3.7000e-004	0.0226		67.8523	67.8523	2.0300e-003	1.9500e-003	68.4839
Total	0.0834	2.8941	0.9971	0.0156	0.5593	0.0332	0.5925	0.1526	0.0318	0.1843		1,664.8995	1,664.8995	0.0244	0.2536	1,741.0839

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.7196	0.0000	2.7196	1.3116	0.0000	1.3116			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560	0.0000	1,995.6147	1,995.6147	0.6454		2,011.7503
Total	1.3330	14.4676	8.7038	0.0206	2.7196	0.6044	3.3240	1.3116	0.5560	1.8676	0.0000	1,995.6147	1,995.6147	0.6454		2,011.7503

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0547	2.8754	0.7619	0.0150	0.4756	0.0328	0.5084	0.1304	0.0314	0.1618		1,597.0472	1,597.0472	0.0224	0.2517	1,672.6000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0287	0.0187	0.2352	6.7000e-004	0.0837	4.0000e-004	0.0841	0.0222	3.7000e-004	0.0226		67.8523	67.8523	2.0300e-003	1.9500e-003	68.4839
Total	0.0834	2.8941	0.9971	0.0156	0.5593	0.0332	0.5925	0.1526	0.0318	0.1843		1,664.8995	1,664.8995	0.0244	0.2536	1,741.0839

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

3.4 Building Construction - 2023

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8500e-003	0.1201	0.0531	5.6000e-004	0.0201	9.0000e-004	0.0210	5.7800e-003	8.6000e-004	6.6400e-003		59.7676	59.7676	6.2000e-004	8.8600e-003	62.4223
Worker	0.0316	0.0206	0.2587	7.4000e-004	0.0920	4.4000e-004	0.0925	0.0244	4.1000e-004	0.0248		74.6375	74.6375	2.2300e-003	2.1400e-003	75.3323
Total	0.0354	0.1407	0.3118	1.3000e-003	0.1121	1.3400e-003	0.1135	0.0302	1.2700e-003	0.0315		134.4051	134.4051	2.8500e-003	0.0110	137.7545

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8500e-003	0.1201	0.0531	5.6000e-004	0.0201	9.0000e-004	0.0210	5.7800e-003	8.6000e-004	6.6400e-003		59.7676	59.7676	6.2000e-004	8.8600e-003	62.4223
Worker	0.0316	0.0206	0.2587	7.4000e-004	0.0920	4.4000e-004	0.0925	0.0244	4.1000e-004	0.0248		74.6375	74.6375	2.2300e-003	2.1400e-003	75.3323
Total	0.0354	0.1407	0.3118	1.3000e-003	0.1121	1.3400e-003	0.1135	0.0302	1.2700e-003	0.0315		134.4051	134.4051	2.8500e-003	0.0110	137.7545

3.4 Building Construction - 2024

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.9214	2,001.9214	0.3334		2,010.2563
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.9214	2,001.9214	0.3334		2,010.2563

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7900e-003	0.1200	0.0526	5.5000e-004	0.0201	8.9000e-004	0.0210	5.7800e-003	8.6000e-004	6.6400e-003		58.8471	58.8471	6.4000e-004	8.7100e-003	61.4578
Worker	0.0295	0.0184	0.2424	7.2000e-004	0.0920	4.2000e-004	0.0925	0.0244	3.9000e-004	0.0248		72.2749	72.2749	2.0300e-003	2.0000e-003	72.9203
Total	0.0333	0.1384	0.2949	1.2700e-003	0.1121	1.3100e-003	0.1134	0.0302	1.2500e-003	0.0314		131.1220	131.1220	2.6700e-003	0.0107	134.3781

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7900e-003	0.1200	0.0526	5.5000e-004	0.0201	8.9000e-004	0.0210	5.7800e-003	8.6000e-004	6.6400e-003		58.8471	58.8471	6.4000e-004	8.7100e-003	61.4578
Worker	0.0295	0.0184	0.2424	7.2000e-004	0.0920	4.2000e-004	0.0925	0.0244	3.9000e-004	0.0248		72.2749	72.2749	2.0300e-003	2.0000e-003	72.9203
Total	0.0333	0.1384	0.2949	1.2700e-003	0.1121	1.3100e-003	0.1134	0.0302	1.2500e-003	0.0314		131.1220	131.1220	2.6700e-003	0.0107	134.3781

3.5 Architectural Coating - 2024

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.2704					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	5.4512	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3600e-003	3.3400e-003	0.0441	1.3000e-004	0.0167	8.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		13.1409	13.1409	3.7000e-004	3.6000e-004	13.2582
Total	5.3600e-003	3.3400e-003	0.0441	1.3000e-004	0.0167	8.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		13.1409	13.1409	3.7000e-004	3.6000e-004	13.2582

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.2704					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	5.4512	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3600e-003	3.3400e-003	0.0441	1.3000e-004	0.0167	8.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		13.1409	13.1409	3.7000e-004	3.6000e-004	13.2582
Total	5.3600e-003	3.3400e-003	0.0441	1.3000e-004	0.0167	8.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		13.1409	13.1409	3.7000e-004	3.6000e-004	13.2582

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Baseline	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Baseline	Regulatory Compliance
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Elementary School	12.50	4.20	5.40	65.00	30.00	5.00	63	25	12

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

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 Regulatory Compliance	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003		70.0690	70.0690	1.3400e-003	1.2800e-003	70.4854
NaturalGas Baseline	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003		70.0690	70.0690	1.3400e-003	1.2800e-003	70.4854

5.2 Energy by Land Use - NaturalGas

Baseline

	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					
Elementary School	595.586	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003		70.0690	70.0690	1.3400e-003	1.2800e-003	70.4854
Total		6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003		70.0690	70.0690	1.3400e-003	1.2800e-003	70.4854

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

Regulatory Compliance

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	0.595586	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003		70.0690	70.0690	1.3400e-003	1.2800e-003	70.4854
Total		6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003		70.0690	70.0690	1.3400e-003	1.2800e-003	70.4854

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	0.5273	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.4700e-003	5.4700e-003	1.0000e-005		5.8300e-003
Baseline	0.6944	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.4700e-003	5.4700e-003	1.0000e-005		5.8300e-003

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

6.2 Area by SubCategory

Baseline

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4000e-004	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.4700e-003	5.4700e-003	1.0000e-005		5.8300e-003
Total	0.6944	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.4700e-003	5.4700e-003	1.0000e-005		5.8300e-003

Regulatory Compliance

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4953					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4000e-004	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.4700e-003	5.4700e-003	1.0000e-005		5.8300e-003
Total	0.5273	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.4700e-003	5.4700e-003	1.0000e-005		5.8300e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Winter

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

Sunny Sands Construction - Phase 2-3

Riverside-Salton Sea County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	26.75	1000sqft	2.61	26,754.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Phase 2-3 construction area is approximately 2.6 acres.

Construction Phase - Construction schedule per Schematic Design Submittal (November 2021).

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Limited equipment for MPR renovation.

Off-road Equipment -

Demolition -

Architectural Coating - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

Vehicle Trips - Construction only.

Construction Off-road Equipment Mitigation - Per SCAQMD Rule 403 Fugitive Dust requirements.

Area Mitigation - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	50
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	23.00
tblConstructionPhase	NumDays	220.00	238.00
tblConstructionPhase	NumDays	220.00	44.00
tblConstructionPhase	NumDays	20.00	66.00
tblLandUse	LandUseSquareFeet	26,750.00	26,754.00
tblLandUse	LotAcreage	0.61	2.61
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblVehicleTrips	WD_TR	19.52	0.00

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/1/2024	7/31/2024	5	66	1
2	Building Construction	Building Construction	8/1/2024	6/30/2025	5	238	2
3	MPR Renovation	Building Construction	6/1/2025	7/31/2025	5	44	3
4	Architectural Coating	Architectural Coating	7/1/2025	7/31/2025	5	23	5
5	Paving	Paving	7/18/2025	7/31/2025	5	10	4

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 40,131; Non-Residential Outdoor: 13,377; Striped Parking Area: 0 (Architectural

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
MPR Renovation	Air Compressors	1	8.00	78	0.48
MPR Renovation	Cranes	0	0.00	231	0.29
MPR Renovation	Forklifts	0	0.00	89	0.20
MPR Renovation	Generator Sets	0	0.00	84	0.74
MPR Renovation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
MPR Renovation	Welders	0	0.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	84.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	11.00	4.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
MPR Renovation	1	11.00	4.00	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	2.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2024

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2764	0.0000	0.2764	0.0419	0.0000	0.0419			0.0000			0.0000
Off-Road	1.4397	13.8867	13.4879	0.0241		0.6311	0.6311		0.5895	0.5895		2,324.9459	2,324.9459	0.5884		2,339.6562
Total	1.4397	13.8867	13.4879	0.0241	0.2764	0.6311	0.9075	0.0419	0.5895	0.6313		2,324.9459	2,324.9459	0.5884		2,339.6562

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7800e-003	0.1275	0.0353	6.9000e-004	0.0223	1.5300e-003	0.0238	6.1100e-003	1.4600e-003	7.5700e-003		73.4630	73.4630	1.1200e-003	0.0116	76.9413
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0380	0.0209	0.3469	9.3000e-004	0.1088	5.0000e-004	0.1093	0.0289	4.6000e-004	0.0293		94.2042	94.2042	2.3500e-003	2.3000e-003	94.9494
Total	0.0408	0.1484	0.3822	1.6200e-003	0.1310	2.0300e-003	0.1331	0.0350	1.9200e-003	0.0369		167.6672	167.6672	3.4700e-003	0.0139	171.8907

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1057	0.0000	0.1057	0.0160	0.0000	0.0160			0.0000			0.0000
Off-Road	1.4397	13.8867	13.4879	0.0241		0.6311	0.6311		0.5895	0.5895	0.0000	2,324.9459	2,324.9459	0.5884		2,339.6562
Total	1.4397	13.8867	13.4879	0.0241	0.1057	0.6311	0.7368	0.0160	0.5895	0.6055	0.0000	2,324.9459	2,324.9459	0.5884		2,339.6562

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7800e-003	0.1275	0.0353	6.9000e-004	0.0223	1.5300e-003	0.0238	6.1100e-003	1.4600e-003	7.5700e-003		73.4630	73.4630	1.1200e-003	0.0116	76.9413
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0380	0.0209	0.3469	9.3000e-004	0.1088	5.0000e-004	0.1093	0.0289	4.6000e-004	0.0293		94.2042	94.2042	2.3500e-003	2.3000e-003	94.9494
Total	0.0408	0.1484	0.3822	1.6200e-003	0.1310	2.0300e-003	0.1331	0.0350	1.9200e-003	0.0369		167.6672	167.6672	3.4700e-003	0.0139	171.8907

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

3.3 Building Construction - 2024

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153		2,289.6541	2,289.6541	0.4265		2,300.3154
Total	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153		2,289.6541	2,289.6541	0.4265		2,300.3154

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1300e-003	0.1131	0.0507	5.5000e-004	0.0201	8.9000e-004	0.0210	5.7800e-003	8.5000e-004	6.6300e-003		58.6647	58.6647	6.5000e-004	8.6700e-003	61.2655
Worker	0.0321	0.0177	0.2935	7.9000e-004	0.0920	4.2000e-004	0.0925	0.0244	3.9000e-004	0.0248		79.7113	79.7113	1.9900e-003	1.9500e-003	80.3418
Total	0.0363	0.1308	0.3443	1.3400e-003	0.1121	1.3100e-003	0.1134	0.0302	1.2400e-003	0.0314		138.3760	138.3760	2.6400e-003	0.0106	141.6073

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153	0.0000	2,289.6541	2,289.6541	0.4265		2,300.3154
Total	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153	0.0000	2,289.6541	2,289.6541	0.4265		2,300.3154

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1300e-003	0.1131	0.0507	5.5000e-004	0.0201	8.9000e-004	0.0210	5.7800e-003	8.5000e-004	6.6300e-003		58.6647	58.6647	6.5000e-004	8.6700e-003	61.2655
Worker	0.0321	0.0177	0.2935	7.9000e-004	0.0920	4.2000e-004	0.0925	0.0244	3.9000e-004	0.0248		79.7113	79.7113	1.9900e-003	1.9500e-003	80.3418
Total	0.0363	0.1308	0.3443	1.3400e-003	0.1121	1.3100e-003	0.1134	0.0302	1.2400e-003	0.0314		138.3760	138.3760	2.6400e-003	0.0106	141.6073

3.3 Building Construction - 2025

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0800e-003	0.1122	0.0502	5.4000e-004	0.0201	8.9000e-004	0.0210	5.7800e-003	8.5000e-004	6.6300e-003		57.6298	57.6298	6.8000e-004	8.5000e-003	60.1807
Worker	0.0300	0.0159	0.2733	7.6000e-004	0.0920	4.0000e-004	0.0924	0.0244	3.7000e-004	0.0248		76.9932	76.9932	1.8000e-003	1.8200e-003	77.5810
Total	0.0341	0.1281	0.3235	1.3000e-003	0.1121	1.2900e-003	0.1134	0.0302	1.2200e-003	0.0314		134.6230	134.6230	2.4800e-003	0.0103	137.7617

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0800e-003	0.1122	0.0502	5.4000e-004	0.0201	8.9000e-004	0.0210	5.7800e-003	8.5000e-004	6.6300e-003		57.6298	57.6298	6.8000e-004	8.5000e-003	60.1807
Worker	0.0300	0.0159	0.2733	7.6000e-004	0.0920	4.0000e-004	0.0924	0.0244	3.7000e-004	0.0248		76.9932	76.9932	1.8000e-003	1.8200e-003	77.5810
Total	0.0341	0.1281	0.3235	1.3000e-003	0.1121	1.2900e-003	0.1134	0.0302	1.2200e-003	0.0314		134.6230	134.6230	2.4800e-003	0.0103	137.7617

3.4 MPR Renovation - 2025

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0800e-003	0.1122	0.0502	5.4000e-004	0.0201	8.9000e-004	0.0210	5.7800e-003	8.5000e-004	6.6300e-003		57.6298	57.6298	6.8000e-004	8.5000e-003	60.1807
Worker	0.0300	0.0159	0.2733	7.6000e-004	0.0920	4.0000e-004	0.0924	0.0244	3.7000e-004	0.0248		76.9932	76.9932	1.8000e-003	1.8200e-003	77.5810
Total	0.0341	0.1281	0.3235	1.3000e-003	0.1121	1.2900e-003	0.1134	0.0302	1.2200e-003	0.0314		134.6230	134.6230	2.4800e-003	0.0103	137.7617

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0800e-003	0.1122	0.0502	5.4000e-004	0.0201	8.9000e-004	0.0210	5.7800e-003	8.5000e-004	6.6300e-003		57.6298	57.6298	6.8000e-004	8.5000e-003	60.1807
Worker	0.0300	0.0159	0.2733	7.6000e-004	0.0920	4.0000e-004	0.0924	0.0244	3.7000e-004	0.0248		76.9932	76.9932	1.8000e-003	1.8200e-003	77.5810
Total	0.0341	0.1281	0.3235	1.3000e-003	0.1121	1.2900e-003	0.1134	0.0302	1.2200e-003	0.0314		134.6230	134.6230	2.4800e-003	0.0103	137.7617

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

3.5 Architectural Coating - 2025

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	5.5624	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4500e-003	2.8900e-003	0.0497	1.4000e-004	0.0167	7.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		13.9988	13.9988	3.3000e-004	3.3000e-004	14.1056
Total	5.4500e-003	2.8900e-003	0.0497	1.4000e-004	0.0167	7.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		13.9988	13.9988	3.3000e-004	3.3000e-004	14.1056

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	5.5624	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4500e-003	2.8900e-003	0.0497	1.4000e-004	0.0167	7.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		13.9988	13.9988	3.3000e-004	3.3000e-004	14.1056
Total	5.4500e-003	2.8900e-003	0.0497	1.4000e-004	0.0167	7.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		13.9988	13.9988	3.3000e-004	3.3000e-004	14.1056

3.6 Paving - 2025

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234		1,710.0067	1,710.0067	0.5420		1,723.5556
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234		1,710.0067	1,710.0067	0.5420		1,723.5556

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0409	0.0217	0.3727	1.0400e-003	0.1255	5.5000e-004	0.1261	0.0333	5.0000e-004	0.0338		104.9907	104.9907	2.4500e-003	2.4800e-003	105.7923
Total	0.0409	0.0217	0.3727	1.0400e-003	0.1255	5.5000e-004	0.1261	0.0333	5.0000e-004	0.0338		104.9907	104.9907	2.4500e-003	2.4800e-003	105.7923

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000	1,710.0067	1,710.0067	0.5420		1,723.5556
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000	1,710.0067	1,710.0067	0.5420		1,723.5556

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0409	0.0217	0.3727	1.0400e-003	0.1255	5.5000e-004	0.1261	0.0333	5.0000e-004	0.0338		104.9907	104.9907	2.4500e-003	2.4800e-003	105.7923
Total	0.0409	0.0217	0.3727	1.0400e-003	0.1255	5.5000e-004	0.1261	0.0333	5.0000e-004	0.0338		104.9907	104.9907	2.4500e-003	2.4800e-003	105.7923

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Regulatory Compliance	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Baseline	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Baseline	Regulatory Compliance
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Elementary School	12.50	4.20	5.40	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
NaturalGas Regulatory Compliance	6.8700e-003	0.0625	0.0525	3.7000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003			74.9371	74.9371	1.4400e-003	1.3700e-003	75.3824
NaturalGas Baseline	6.8700e-003	0.0625	0.0525	3.7000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003			74.9371	74.9371	1.4400e-003	1.3700e-003	75.3824

5.2 Energy by Land Use - NaturalGas

Baseline

	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						
Elementary School	636.965	6.8700e-003	0.0625	0.0525	3.7000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003			74.9371	74.9371	1.4400e-003	1.3700e-003	75.3824
Total		6.8700e-003	0.0625	0.0525	3.7000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003			74.9371	74.9371	1.4400e-003	1.3700e-003	75.3824

Regulatory Compliance

	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						
Elementary School	0.636965	6.8700e-003	0.0625	0.0525	3.7000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003			74.9371	74.9371	1.4400e-003	1.3700e-003	75.3824
Total		6.8700e-003	0.0625	0.0525	3.7000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003			74.9371	74.9371	1.4400e-003	1.3700e-003	75.3824

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	0.5640	2.0000e-005	2.7200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2300e-003
Baseline	0.7427	2.0000e-005	2.7200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2300e-003

6.2 Area by SubCategory

Baseline

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5725					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5000e-004	2.0000e-005	2.7200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2300e-003
Total	0.7427	2.0000e-005	2.7200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2300e-003

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

Regulatory Compliance

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0340					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5297					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5000e-004	2.0000e-005	2.7200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2300e-003
Total	0.5640	2.0000e-005	2.7200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2300e-003

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
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Summer

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

Sunny Sands Construction - Phase 2-3

Riverside-Salton Sea County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	26.75	1000sqft	2.61	26,754.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Phase 2-3 construction area is approximately 2.6 acres.

Construction Phase - Construction schedule per Schematic Design Submittal (November 2021).

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Limited equipment for MPR renovation.

Off-road Equipment -

Demolition -

Architectural Coating - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

Vehicle Trips - Construction only.

Construction Off-road Equipment Mitigation - Per SCAQMD Rule 403 Fugitive Dust requirements.

Area Mitigation - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	50
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	23.00
tblConstructionPhase	NumDays	220.00	238.00
tblConstructionPhase	NumDays	220.00	44.00
tblConstructionPhase	NumDays	20.00	66.00
tblLandUse	LandUseSquareFeet	26,750.00	26,754.00
tblLandUse	LotAcreage	0.61	2.61
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblVehicleTrips	WD_TR	19.52	0.00

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.0 Construction Detail****Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/1/2024	7/31/2024	5	66	1
2	Building Construction	Building Construction	8/1/2024	6/30/2025	5	238	2
3	MPR Renovation	Building Construction	6/1/2025	7/31/2025	5	44	3
4	Architectural Coating	Architectural Coating	7/1/2025	7/31/2025	5	23	5
5	Paving	Paving	7/18/2025	7/31/2025	5	10	4

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 40,131; Non-Residential Outdoor: 13,377; Striped Parking Area: 0 (Architectural**

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
MPR Renovation	Air Compressors	1	8.00	78	0.48
MPR Renovation	Cranes	0	0.00	231	0.29
MPR Renovation	Forklifts	0	0.00	89	0.20
MPR Renovation	Generator Sets	0	0.00	84	0.74
MPR Renovation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
MPR Renovation	Welders	0	0.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	84.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	11.00	4.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
MPR Renovation	1	11.00	4.00	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	2.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Soil Stabilizer
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2024

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2764	0.0000	0.2764	0.0419	0.0000	0.0419			0.0000			0.0000
Off-Road	1.4397	13.8867	13.4879	0.0241		0.6311	0.6311		0.5895	0.5895		2,324.9459	2,324.9459	0.5884		2,339.6562
Total	1.4397	13.8867	13.4879	0.0241	0.2764	0.6311	0.9075	0.0419	0.5895	0.6313		2,324.9459	2,324.9459	0.5884		2,339.6562

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.5500e-003	0.1351	0.0361	6.9000e-004	0.0223	1.5300e-003	0.0238	6.1100e-003	1.4600e-003	7.5700e-003		73.5783	73.5783	1.1100e-003	0.0116	77.0618
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0348	0.0217	0.2864	8.5000e-004	0.1088	5.0000e-004	0.1093	0.0289	4.6000e-004	0.0293		85.4158	85.4158	2.4000e-003	2.3600e-003	86.1785
Total	0.0374	0.1568	0.3225	1.5400e-003	0.1310	2.0300e-003	0.1331	0.0350	1.9200e-003	0.0369		158.9941	158.9941	3.5100e-003	0.0140	163.2403

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1057	0.0000	0.1057	0.0160	0.0000	0.0160			0.0000			0.0000
Off-Road	1.4397	13.8867	13.4879	0.0241		0.6311	0.6311		0.5895	0.5895	0.0000	2,324.9459	2,324.9459	0.5884		2,339.6562
Total	1.4397	13.8867	13.4879	0.0241	0.1057	0.6311	0.7368	0.0160	0.5895	0.6055	0.0000	2,324.9459	2,324.9459	0.5884		2,339.6562

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.5500e-003	0.1351	0.0361	6.9000e-004	0.0223	1.5300e-003	0.0238	6.1100e-003	1.4600e-003	7.5700e-003		73.5783	73.5783	1.1100e-003	0.0116	77.0618
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0348	0.0217	0.2864	8.5000e-004	0.1088	5.0000e-004	0.1093	0.0289	4.6000e-004	0.0293		85.4158	85.4158	2.4000e-003	2.3600e-003	86.1785
Total	0.0374	0.1568	0.3225	1.5400e-003	0.1310	2.0300e-003	0.1331	0.0350	1.9200e-003	0.0369		158.9941	158.9941	3.5100e-003	0.0140	163.2403

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

3.3 Building Construction - 2024

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153		2,289.6541	2,289.6541	0.4265		2,300.3154
Total	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153		2,289.6541	2,289.6541	0.4265		2,300.3154

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7900e-003	0.1200	0.0526	5.5000e-004	0.0201	8.9000e-004	0.0210	5.7800e-003	8.6000e-004	6.6400e-003		58.8471	58.8471	6.4000e-004	8.7100e-003	61.4578
Worker	0.0295	0.0184	0.2424	7.2000e-004	0.0920	4.2000e-004	0.0925	0.0244	3.9000e-004	0.0248		72.2749	72.2749	2.0300e-003	2.0000e-003	72.9203
Total	0.0333	0.1384	0.2949	1.2700e-003	0.1121	1.3100e-003	0.1134	0.0302	1.2500e-003	0.0314		131.1220	131.1220	2.6700e-003	0.0107	134.3781

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153	0.0000	2,289.6541	2,289.6541	0.4265		2,300.3154
Total	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153	0.0000	2,289.6541	2,289.6541	0.4265		2,300.3154

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7900e-003	0.1200	0.0526	5.5000e-004	0.0201	8.9000e-004	0.0210	5.7800e-003	8.6000e-004	6.6400e-003		58.8471	58.8471	6.4000e-004	8.7100e-003	61.4578
Worker	0.0295	0.0184	0.2424	7.2000e-004	0.0920	4.2000e-004	0.0925	0.0244	3.9000e-004	0.0248		72.2749	72.2749	2.0300e-003	2.0000e-003	72.9203
Total	0.0333	0.1384	0.2949	1.2700e-003	0.1121	1.3100e-003	0.1134	0.0302	1.2500e-003	0.0314		131.1220	131.1220	2.6700e-003	0.0107	134.3781

3.3 Building Construction - 2025

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7400e-003	0.1191	0.0520	5.4000e-004	0.0201	9.0000e-004	0.0210	5.7800e-003	8.6000e-004	6.6400e-003		57.8100	57.8100	6.6000e-004	8.5400e-003	60.3706
Worker	0.0276	0.0165	0.2261	6.9000e-004	0.0920	4.0000e-004	0.0924	0.0244	3.7000e-004	0.0248		69.8288	69.8288	1.8400e-003	1.8600e-003	70.4305
Total	0.0313	0.1356	0.2781	1.2300e-003	0.1121	1.3000e-003	0.1134	0.0302	1.2300e-003	0.0314		127.6388	127.6388	2.5000e-003	0.0104	130.8010

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7400e-003	0.1191	0.0520	5.4000e-004	0.0201	9.0000e-004	0.0210	5.7800e-003	8.6000e-004	6.6400e-003		57.8100	57.8100	6.6000e-004	8.5400e-003	60.3706
Worker	0.0276	0.0165	0.2261	6.9000e-004	0.0920	4.0000e-004	0.0924	0.0244	3.7000e-004	0.0248		69.8288	69.8288	1.8400e-003	1.8600e-003	70.4305
Total	0.0313	0.1356	0.2781	1.2300e-003	0.1121	1.3000e-003	0.1134	0.0302	1.2300e-003	0.0314		127.6388	127.6388	2.5000e-003	0.0104	130.8010

3.4 MPR Renovation - 2025

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7400e-003	0.1191	0.0520	5.4000e-004	0.0201	9.0000e-004	0.0210	5.7800e-003	8.6000e-004	6.6400e-003		57.8100	57.8100	6.6000e-004	8.5400e-003	60.3706
Worker	0.0276	0.0165	0.2261	6.9000e-004	0.0920	4.0000e-004	0.0924	0.0244	3.7000e-004	0.0248		69.8288	69.8288	1.8400e-003	1.8600e-003	70.4305
Total	0.0313	0.1356	0.2781	1.2300e-003	0.1121	1.3000e-003	0.1134	0.0302	1.2300e-003	0.0314		127.6388	127.6388	2.5000e-003	0.0104	130.8010

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7400e-003	0.1191	0.0520	5.4000e-004	0.0201	9.0000e-004	0.0210	5.7800e-003	8.6000e-004	6.6400e-003		57.8100	57.8100	6.6000e-004	8.5400e-003	60.3706
Worker	0.0276	0.0165	0.2261	6.9000e-004	0.0920	4.0000e-004	0.0924	0.0244	3.7000e-004	0.0248		69.8288	69.8288	1.8400e-003	1.8600e-003	70.4305
Total	0.0313	0.1356	0.2781	1.2300e-003	0.1121	1.3000e-003	0.1134	0.0302	1.2300e-003	0.0314		127.6388	127.6388	2.5000e-003	0.0104	130.8010

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

3.5 Architectural Coating - 2025

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	5.5624	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0100e-003	3.0000e-003	0.0411	1.3000e-004	0.0167	7.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		12.6962	12.6962	3.3000e-004	3.4000e-004	12.8055
Total	5.0100e-003	3.0000e-003	0.0411	1.3000e-004	0.0167	7.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		12.6962	12.6962	3.3000e-004	3.4000e-004	12.8055

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	5.5624	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0100e-003	3.0000e-003	0.0411	1.3000e-004	0.0167	7.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		12.6962	12.6962	3.3000e-004	3.4000e-004	12.8055
Total	5.0100e-003	3.0000e-003	0.0411	1.3000e-004	0.0167	7.0000e-005	0.0168	4.4400e-003	7.0000e-005	4.5100e-003		12.6962	12.6962	3.3000e-004	3.4000e-004	12.8055

3.6 Paving - 2025

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234		1,710.0067	1,710.0067	0.5420		1,723.5556
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234		1,710.0067	1,710.0067	0.5420		1,723.5556

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0376	0.0225	0.3083	9.4000e-004	0.1255	5.5000e-004	0.1261	0.0333	5.0000e-004	0.0338		95.2211	95.2211	2.5100e-003	2.5400e-003	96.0415
Total	0.0376	0.0225	0.3083	9.4000e-004	0.1255	5.5000e-004	0.1261	0.0333	5.0000e-004	0.0338		95.2211	95.2211	2.5100e-003	2.5400e-003	96.0415

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000	1,710.0067	1,710.0067	0.5420		1,723.5556
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000	1,710.0067	1,710.0067	0.5420		1,723.5556

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0376	0.0225	0.3083	9.4000e-004	0.1255	5.5000e-004	0.1261	0.0333	5.0000e-004	0.0338		95.2211	95.2211	2.5100e-003	2.5400e-003	96.0415
Total	0.0376	0.0225	0.3083	9.4000e-004	0.1255	5.5000e-004	0.1261	0.0333	5.0000e-004	0.0338		95.2211	95.2211	2.5100e-003	2.5400e-003	96.0415

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Baseline	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Baseline	Regulatory Compliance
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Elementary School	12.50	4.20	5.40	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932

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					
Natural Gas Regulatory Compliance	6.8700e-003	0.0625	0.0525	3.7000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003		74.9371	74.9371	1.4400e-003	1.3700e-003	75.3824
Natural Gas Baseline	6.8700e-003	0.0625	0.0525	3.7000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003		74.9371	74.9371	1.4400e-003	1.3700e-003	75.3824

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

5.2 Energy by Land Use - NaturalGas

Baseline

	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					
Elementary School	636.965	6.8700e-003	0.0625	0.0525	3.7000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003		74.9371	74.9371	1.4400e-003	1.3700e-003	75.3824
Total		6.8700e-003	0.0625	0.0525	3.7000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003		74.9371	74.9371	1.4400e-003	1.3700e-003	75.3824

Regulatory Compliance

	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					
Elementary School	0.636965	6.8700e-003	0.0625	0.0525	3.7000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003		74.9371	74.9371	1.4400e-003	1.3700e-003	75.3824
Total		6.8700e-003	0.0625	0.0525	3.7000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003		74.9371	74.9371	1.4400e-003	1.3700e-003	75.3824

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	0.5640	2.0000e-005	2.7200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2300e-003
Baseline	0.7427	2.0000e-005	2.7200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2300e-003

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

6.2 Area by SubCategory

Baseline

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5725					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5000e-004	2.0000e-005	2.7200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2300e-003
Total	0.7427	2.0000e-005	2.7200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2300e-003

Regulatory Compliance

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0340					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5297					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5000e-004	2.0000e-005	2.7200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2300e-003
Total	0.5640	2.0000e-005	2.7200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2300e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Winter

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation



APPENDIX A.2

Operation

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Summer

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

Sunny Sands Operation - Existing to be Removed

Riverside-Salton Sea County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	41.74	1000sqft	11.20	41,736.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project site is 11.2 acres.

Construction Phase - Operation only.

Vehicle Trips - Student capacity is 1,279. Assumed 5,257 daily trips (4.11 trips per student per ITE Trip Generation Manual).

Area Coating - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Energy Use -

Area Mitigation - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Summer

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	15.9261	20.3891	135.0433	0.2872	27.0958	0.2694	27.3652	7.2307	0.2533	7.4839		29,255.8844	29,255.884	1.5997	1.4671	29,733.0867
Baseline	15.9261	20.3891	135.0433	0.2872	27.0958	0.2694	27.3652	7.2307	0.2533	7.4839		29,255.8844	29,255.884	1.5997	1.4671	29,733.0867

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Baseline	Regulatory Compliance
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	5,257.49	0.00	0.00	9,155,928	9,155,928
Total	5,257.49	0.00	0.00	9,155,928	9,155,928

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
Elementary School	12.50	4.20	5.40	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.531022	0.055789	0.171983	0.143721	0.027315	0.007422	0.011813	0.018850	0.000630	0.000321	0.024273	0.001102	0.005759

5.0 Energy Detail

Historical Energy Use: Y

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					
Natural Gas Regulatory Compliance	0.0121	0.1103	0.0927	6.6000e-004		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003		132.3714	132.3714	2.5400e-003	2.4300e-003	133.1580
Natural Gas Baseline	0.0121	0.1103	0.0927	6.6000e-004		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003		132.3714	132.3714	2.5400e-003	2.4300e-003	133.1580

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Summer

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

5.2 Energy by Land Use - NaturalGas

Baseline

	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					
Elementary School	1125.16	0.0121	0.1103	0.0927	6.6000e-004		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003		132.3714	132.3714	2.5400e-003	2.4300e-003	133.1580
Total		0.0121	0.1103	0.0927	6.6000e-004		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003		132.3714	132.3714	2.5400e-003	2.4300e-003	133.1580

Regulatory Compliance

	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					
Elementary School	1.12516	0.0121	0.1103	0.0927	6.6000e-004		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003		132.3714	132.3714	2.5400e-003	2.4300e-003	133.1580
Total		0.0121	0.1103	0.0927	6.6000e-004		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003		132.3714	132.3714	2.5400e-003	2.4300e-003	133.1580

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	0.8798	4.0000e-005	4.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1300e-003	9.1300e-003	2.0000e-005		9.7400e-003
Baseline	0.9466	4.0000e-005	4.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1300e-003	9.1300e-003	2.0000e-005		9.7400e-003

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Summer

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

6.2 Area by SubCategory

Baseline

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0530					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-004	4.0000e-005	4.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1300e-003	9.1300e-003	2.0000e-005		9.7400e-003
Total	0.9466	4.0000e-005	4.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1300e-003	9.1300e-003	2.0000e-005		9.7400e-003

Regulatory Compliance

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0530					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8264					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-004	4.0000e-005	4.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1300e-003	9.1300e-003	2.0000e-005		9.7400e-003
Total	0.8798	4.0000e-005	4.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1300e-003	9.1300e-003	2.0000e-005		9.7400e-003

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Summer

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

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Winter

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

Sunny Sands Operation - Existing to be Removed

Riverside-Salton Sea County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	41.74	1000sqft	11.20	41,736.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project site is 11.2 acres.

Construction Phase - Operation only.

Vehicle Trips - Student capacity is 1,279. Assumed 5,257 daily trips (4.11 trips per student per ITE Trip Generation Manual).

Area Coating - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Energy Use -

Area Mitigation - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Winter

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	13.3486	21.5352	120.7769	0.2668	27.0958	0.2697	27.3655	7.2307	0.2535	7.4842		27,187.8687	27,187.868	1.6582	1.4980	27,675.712
Baseline	13.3486	21.5352	120.7769	0.2668	27.0958	0.2697	27.3655	7.2307	0.2535	7.4842		27,187.8687	27,187.868	1.6582	1.4980	27,675.712

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Baseline	Regulatory Compliance
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	5,257.49	0.00	0.00	9,155,928	9,155,928
Total	5,257.49	0.00	0.00	9,155,928	9,155,928

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
Elementary School	12.50	4.20	5.40	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.531022	0.055789	0.171983	0.143721	0.027315	0.007422	0.011813	0.018850	0.000630	0.000321	0.024273	0.001102	0.005759

5.0 Energy Detail

Historical Energy Use: Y

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					
Natural Gas Regulatory Compliance	0.0121	0.1103	0.0927	6.6000e-004		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003		132.3714	132.3714	2.5400e-003	2.4300e-003	133.1580
Natural Gas Baseline	0.0121	0.1103	0.0927	6.6000e-004		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003		132.3714	132.3714	2.5400e-003	2.4300e-003	133.1580

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Winter

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

5.2 Energy by Land Use - Natural Gas

Baseline

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	1125.16	0.0121	0.1103	0.0927	6.6000e-004		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003		132.3714	132.3714	2.5400e-003	2.4300e-003	133.1580
Total		0.0121	0.1103	0.0927	6.6000e-004		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003		132.3714	132.3714	2.5400e-003	2.4300e-003	133.1580

Regulatory Compliance

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	1.12516	0.0121	0.1103	0.0927	6.6000e-004		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003		132.3714	132.3714	2.5400e-003	2.4300e-003	133.1580
Total		0.0121	0.1103	0.0927	6.6000e-004		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003		132.3714	132.3714	2.5400e-003	2.4300e-003	133.1580

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	0.8798	4.0000e-005	4.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1300e-003	9.1300e-003	2.0000e-005		9.7400e-003
Baseline	0.9466	4.0000e-005	4.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1300e-003	9.1300e-003	2.0000e-005		9.7400e-003

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Winter

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

6.2 Area by SubCategory

Baseline

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0530					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-004	4.0000e-005	4.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1300e-003	9.1300e-003	2.0000e-005		9.7400e-003
Total	0.9466	4.0000e-005	4.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1300e-003	9.1300e-003	2.0000e-005		9.7400e-003

Regulatory Compliance

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0530					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8264					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-004	4.0000e-005	4.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1300e-003	9.1300e-003	2.0000e-005		9.7400e-003
Total	0.8798	4.0000e-005	4.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1300e-003	9.1300e-003	2.0000e-005		9.7400e-003

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Winter

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

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Summer

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

Sunny Sands Operation - Proposed Uses

Riverside-Salton Sea County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	58.95	1000sqft	11.20	58,946.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project site is 11.2 acres.

Construction Phase - Operation only.

Vehicle Trips - Student capacity would remain 1,279. Assumed 5,257 daily trips (4.11 trips per student per ITE Trip Generation Manual).

Area Coating - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Area Mitigation - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Water Mitigation -

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/18/2022	2/17/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Summer

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	13.2238	14.6800	111.1898	0.2512	27.0747	0.1920	27.2667	7.2220	0.1798	7.4018		25,600.8499	25,600.849	1.3189	1.2308	26,000.609
Baseline	13.2238	14.6800	111.1898	0.2512	27.0747	0.1920	27.2667	7.2220	0.1798	7.4018		25,600.8499	25,600.849	1.3189	1.2308	26,000.609

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Baseline	Regulatory Compliance
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	5,257.34	0.00	0.00	9,155,668	9,155,668
Total	5,257.34	0.00	0.00	9,155,668	9,155,668

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
Elementary School	12.50	4.20	5.40	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Summer

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Regulatory Compliance	0.0151	0.1376	0.1156	8.3000e-004		0.0105	0.0105		0.0105	0.0105		165.1058	165.1058	3.1600e-003	3.0300e-003	166.0869
NaturalGas Baseline	0.0151	0.1376	0.1156	8.3000e-004		0.0105	0.0105		0.0105	0.0105		165.1058	165.1058	3.1600e-003	3.0300e-003	166.0869

5.2 Energy by Land Use - NaturalGas

Baseline

	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					
Elementary School	1403.4	0.0151	0.1376	0.1156	8.3000e-004		0.0105	0.0105		0.0105	0.0105		165.1058	165.1058	3.1600e-003	3.0300e-003	166.0869
Total		0.0151	0.1376	0.1156	8.3000e-004		0.0105	0.0105		0.0105	0.0105		165.1058	165.1058	3.1600e-003	3.0300e-003	166.0869

Regulatory Compliance

	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					
Elementary School	1.4034	0.0151	0.1376	0.1156	8.3000e-004		0.0105	0.0105		0.0105	0.0105		165.1058	165.1058	3.1600e-003	3.0300e-003	166.0869
Total		0.0151	0.1376	0.1156	8.3000e-004		0.0105	0.0105		0.0105	0.0105		165.1058	165.1058	3.1600e-003	3.0300e-003	166.0869

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Summer

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

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	1.2425	5.0000e-005	6.0000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0129	0.0129	3.0000e-005		0.0137
Baseline	1.3369	5.0000e-005	6.0000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0129	0.0129	3.0000e-005		0.0137

6.2 Area by SubCategory

Baseline

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0749					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2614					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.5000e-004	5.0000e-005	6.0000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0129	0.0129	3.0000e-005		0.0137
Total	1.3368	5.0000e-005	6.0000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0129	0.0129	3.0000e-005		0.0137

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Summer

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

Regulatory Compliance

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0749					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1671					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.5000e-004	5.0000e-005	6.0000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0129	0.0129	3.0000e-005		0.0137
Total	1.2425	5.0000e-005	6.0000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0129	0.0129	3.0000e-005		0.0137

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

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
----------------	--------	-----------	-----------	-------------	-------------	-----------

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Summer

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Winter

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

**Sunny Sands Operation - Proposed Uses
Riverside-Salton Sea County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	58.95	1000sqft	11.20	58,946.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project site is 11.2 acres.

Construction Phase - Operation only.

Vehicle Trips - Student capacity would remain 1,279. Assumed 5,257 daily trips (4.11 trips per student per ITE Trip Generation Manual).

Area Coating - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Area Mitigation - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Water Mitigation -

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Winter

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/18/2022	2/17/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Winter

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	11.0015	15.5928	100.2273	0.2335	27.0747	0.1921	27.2668	7.2220	0.1800	7.4019		23,810.2491	23,810.2491	1.3649	1.2572	24,219.0120
Baseline	11.0015	15.5928	100.2273	0.2335	27.0747	0.1921	27.2668	7.2220	0.1800	7.4019		23,810.2491	23,810.2491	1.3649	1.2572	24,219.0120

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Baseline	Regulatory Compliance
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	5,257.34	0.00	0.00	9,155,668	9,155,668
Total	5,257.34	0.00	0.00	9,155,668	9,155,668

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
Elementary School	12.50	4.20	5.40	65.00	30.00	5.00	63	25	12

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Winter

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689

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 Regulatory Compliance	0.0151	0.1376	0.1156	8.3000e-004		0.0105	0.0105		0.0105	0.0105		165.1058	165.1058	3.1600e-003	3.0300e-003	166.0869
NaturalGas Baseline	0.0151	0.1376	0.1156	8.3000e-004		0.0105	0.0105		0.0105	0.0105		165.1058	165.1058	3.1600e-003	3.0300e-003	166.0869

5.2 Energy by Land Use - NaturalGas

Baseline

	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					
Elementary School	1403.4	0.0151	0.1376	0.1156	8.3000e-004		0.0105	0.0105		0.0105	0.0105		165.1058	165.1058	3.1600e-003	3.0300e-003	166.0869
Total		0.0151	0.1376	0.1156	8.3000e-004		0.0105	0.0105		0.0105	0.0105		165.1058	165.1058	3.1600e-003	3.0300e-003	166.0869

Regulatory Compliance

	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					
Elementary School	1.4034	0.0151	0.1376	0.1156	8.3000e-004		0.0105	0.0105		0.0105	0.0105		165.1058	165.1058	3.1600e-003	3.0300e-003	166.0869
Total		0.0151	0.1376	0.1156	8.3000e-004		0.0105	0.0105		0.0105	0.0105		165.1058	165.1058	3.1600e-003	3.0300e-003	166.0869

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Winter

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

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Regulatory Compliance	1.2425	5.0000e-005	6.0000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0129	0.0129	3.0000e-005		0.0137
Baseline	1.3369	5.0000e-005	6.0000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0129	0.0129	3.0000e-005		0.0137

6.2 Area by SubCategory

Baseline

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0749					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2614					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.5000e-004	5.0000e-005	6.0000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0129	0.0129	3.0000e-005		0.0137
Total	1.3368	5.0000e-005	6.0000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0129	0.0129	3.0000e-005		0.0137

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Winter

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

Regulatory Compliance

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0749					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1671					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.5000e-004	5.0000e-005	6.0000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0129	0.0129	3.0000e-005		0.0137
Total	1.2425	5.0000e-005	6.0000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0129	0.0129	3.0000e-005		0.0137

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

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
----------------	--------	-----------	-----------	-------------	-------------	-----------

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Winter

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation



APPENDIX B

Biological Resources Data



APPENDIX B.1

CNDDDB 9 Quadrangle Search

CNDDDB 9-Quad Species List 426 records.

Element Type	Scientific Name	Common Name	Element Code	Federal Status	State Status	CDFW Status	CA Rare Plant Rank	Quad Code	Quad Name	Data Status	Taxonomic Sort
Animals - Amphibians	<i>Rana draytonii</i>	California red-legged frog	AAABH01022	Threatened	None	SSC	-	3311675	PALM SPRINGS	Mapped	Animals - Amphibians - Ranidae - <i>Rana draytonii</i>
Animals - Amphibians	<i>Rana draytonii</i>	California red-legged frog	AAABH01022	Threatened	None	SSC	-	3311665	PALM VIEW PEAK	Mapped	Animals - Amphibians - Ranidae - <i>Rana draytonii</i>
Animals - Amphibians	<i>Rana muscosa</i>	southern mountain yellow-legged frog	AAABH01330	Endangered	Endangered	WL	-	3311665	PALM VIEW PEAK	Mapped	Animals - Amphibians - Ranidae - <i>Rana muscosa</i>
Animals - Amphibians	<i>Rana muscosa</i>	southern mountain yellow-legged frog	AAABH01330	Endangered	Endangered	WL	-	3311675	PALM SPRINGS	Mapped	Animals - Amphibians - Ranidae - <i>Rana muscosa</i>
Animals - Arachnids	<i>Calileptoneta oasa</i>	Andreas Canyon leptonetid spider	ILARAU6020	None	None	-	-	3311675	PALM SPRINGS	Mapped	Animals - Arachnids - Leptonetidae - <i>Calileptoneta oasa</i>
Animals - Arachnids	<i>Calileptoneta oasa</i>	Andreas Canyon leptonetid spider	ILARAU6020	None	None	-	-	3311665	PALM VIEW PEAK	Mapped	Animals - Arachnids - Leptonetidae - <i>Calileptoneta oasa</i>
Animals - Birds	<i>Accipiter cooperii</i>	Cooper's hawk	ABNKC12040	None	None	WL	-	3311665	PALM VIEW PEAK	Mapped and Unprocessed	Animals - Birds - Accipitridae - <i>Accipiter cooperii</i>
Animals - Birds	<i>Accipiter cooperii</i>	Cooper's hawk	ABNKC12040	None	None	WL	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Accipitridae - <i>Accipiter cooperii</i>
Animals - Birds	<i>Accipiter cooperii</i>	Cooper's hawk	ABNKC12040	None	None	WL	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Accipitridae - <i>Accipiter cooperii</i>
Animals - Birds	<i>Accipiter cooperii</i>	Cooper's hawk	ABNKC12040	None	None	WL	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Accipitridae - <i>Accipiter cooperii</i>
Animals - Birds	<i>Accipiter cooperii</i>	Cooper's hawk	ABNKC12040	None	None	WL	-	3311673	MYOMA	Unprocessed	Animals - Birds - Accipitridae - <i>Accipiter cooperii</i>
Animals - Birds	<i>Accipiter striatus</i>	sharp-shinned hawk	ABNKC12020	None	None	WL	-	3311673	MYOMA	Unprocessed	Animals - Birds - Accipitridae - <i>Accipiter striatus</i>
Animals - Birds	<i>Accipiter striatus</i>	sharp-shinned hawk	ABNKC12020	None	None	WL	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Accipitridae - <i>Accipiter striatus</i>
Animals - Birds	<i>Accipiter striatus</i>	sharp-shinned hawk	ABNKC12020	None	None	WL	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Accipitridae - <i>Accipiter striatus</i>
Animals - Birds	<i>Accipiter striatus</i>	sharp-shinned hawk	ABNKC12020	None	None	WL	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Accipitridae - <i>Accipiter striatus</i>
Animals - Birds	<i>Accipiter striatus</i>	sharp-shinned hawk	ABNKC12020	None	None	WL	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Accipitridae - <i>Accipiter striatus</i>
Animals - Birds	<i>Aquila chrysaetos</i>	golden eagle	ABNKC22010	None	None	FP , WL	-	3311664	RANCHO MIRAGE	Mapped and Unprocessed	Animals - Birds - Accipitridae - <i>Aquila chrysaetos</i>
Animals - Birds	<i>Aquila chrysaetos</i>	golden eagle	ABNKC22010	None	None	FP , WL	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Birds - Accipitridae - <i>Aquila chrysaetos</i>
Animals - Birds	<i>Aquila chrysaetos</i>	golden eagle	ABNKC22010	None	None	FP , WL	-	3311663	LA QUINTA	Unprocessed	Animals - Birds - Accipitridae - <i>Aquila chrysaetos</i>
Animals - Birds	<i>Aquila chrysaetos</i>	golden eagle	ABNKC22010	None	None	FP , WL	-	3311683	EAST DECEPTION CANYON	Unprocessed	Animals - Birds - Accipitridae - <i>Aquila chrysaetos</i>
Animals - Birds	<i>Aquila chrysaetos</i>	golden eagle	ABNKC22010	None	None	FP , WL	-	3311685	DESERT HOT SPRINGS	Mapped and Unprocessed	Animals - Birds - Accipitridae - <i>Aquila chrysaetos</i>

Animals - Birds	<i>Buteo swainsoni</i>	Swainson's hawk	ABNKC19070	None	Threatened	-	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Accipitridae - <i>Buteo swainsoni</i>
Animals - Birds	<i>Circus hudsonius</i>	northern harrier	ABNKC11011	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Accipitridae - <i>Circus hudsonius</i>
Animals - Birds	<i>Circus hudsonius</i>	northern harrier	ABNKC11011	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Accipitridae - <i>Circus hudsonius</i>
Animals - Birds	<i>Circus hudsonius</i>	northern harrier	ABNKC11011	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Birds - Accipitridae - <i>Circus hudsonius</i>
Animals - Birds	<i>Eremophila alpestris actia</i>	California horned lark	ABPAT02011	None	None	WL	-	3311673	MYOMA	Unprocessed	Animals - Birds - Alaudidae - <i>Eremophila alpestris actia</i>
Animals - Birds	<i>Eremophila alpestris actia</i>	California horned lark	ABPAT02011	None	None	WL	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Alaudidae - <i>Eremophila alpestris actia</i>
Animals - Birds	<i>Aythya americana</i>	redhead	ABNJB11030	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Anatidae - <i>Aythya americana</i>
Animals - Birds	<i>Aythya valisineria</i>	canvasback	ABNJB11020	None	None	-	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Anatidae - <i>Aythya valisineria</i>
Animals - Birds	<i>Chaetura vauxi</i>	Vaux's swift	ABNUA03020	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Apodidae - <i>Chaetura vauxi</i>
Animals - Birds	<i>Chaetura vauxi</i>	Vaux's swift	ABNUA03020	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Apodidae - <i>Chaetura vauxi</i>
Animals - Birds	<i>Chaetura vauxi</i>	Vaux's swift	ABNUA03020	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Birds - Apodidae - <i>Chaetura vauxi</i>
Animals - Birds	<i>Chaetura vauxi</i>	Vaux's swift	ABNUA03020	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Apodidae - <i>Chaetura vauxi</i>
Animals - Birds	<i>Chaetura vauxi</i>	Vaux's swift	ABNUA03020	None	None	SSC	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Apodidae - <i>Chaetura vauxi</i>
Animals - Birds	<i>Cypseloides niger</i>	black swift	ABNUA01010	None	None	SSC	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Birds - Apodidae - <i>Cypseloides niger</i>
Animals - Birds	<i>Ardea herodias</i>	great blue heron	ABNGA04010	None	None	-	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Ardeidae - <i>Ardea herodias</i>
Animals - Birds	<i>Ardea herodias</i>	great blue heron	ABNGA04010	None	None	-	-	3311673	MYOMA	Unprocessed	Animals - Birds - Ardeidae - <i>Ardea herodias</i>
Animals - Birds	<i>Ardea herodias</i>	great blue heron	ABNGA04010	None	None	-	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Ardeidae - <i>Ardea herodias</i>
Animals - Birds	<i>Botaurus lentiginosus</i>	American bittern	ABNGA01020	None	None	-	-	3311673	MYOMA	Unprocessed	Animals - Birds - Ardeidae - <i>Botaurus lentiginosus</i>
Animals - Birds	<i>Egretta thula</i>	snowy egret	ABNGA06030	None	None	-	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Ardeidae - <i>Egretta thula</i>
Animals - Birds	<i>Nycticorax nycticorax</i>	black-crowned night heron	ABNGA11010	None	None	-	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Ardeidae - <i>Nycticorax nycticorax</i>
Animals - Birds	<i>Piranga rubra</i>	summer tanager	ABPBX45030	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Birds - Cardinalidae - <i>Piranga rubra</i>
Animals - Birds	<i>Piranga rubra</i>	summer tanager	ABPBX45030	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Cardinalidae - <i>Piranga rubra</i>
Animals - Birds	<i>Piranga rubra</i>	summer tanager	ABPBX45030	None	None	SSC	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Cardinalidae - <i>Piranga rubra</i>

Animals - Birds	Falco mexicanus	prairie falcon	ABNKD06090	None	None	WL	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Falconidae - Falco mexicanus
Animals - Birds	Falco mexicanus	prairie falcon	ABNKD06090	None	None	WL	-	3311664	RANCHO MIRAGE	Mapped and Unprocessed	Animals - Birds - Falconidae - Falco mexicanus
Animals - Birds	Falco mexicanus	prairie falcon	ABNKD06090	None	None	WL	-	3311663	LA QUINTA	Mapped and Unprocessed	Animals - Birds - Falconidae - Falco mexicanus
Animals - Birds	Falco mexicanus	prairie falcon	ABNKD06090	None	None	WL	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Birds - Falconidae - Falco mexicanus
Animals - Birds	Falco mexicanus	prairie falcon	ABNKD06090	None	None	WL	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Birds - Falconidae - Falco mexicanus
Animals - Birds	Falco mexicanus	prairie falcon	ABNKD06090	None	None	WL	-	3311673	MYOMA	Mapped and Unprocessed	Animals - Birds - Falconidae - Falco mexicanus
Animals - Birds	Falco mexicanus	prairie falcon	ABNKD06090	None	None	WL	-	3311684	SEVEN PALMS VALLEY	Mapped and Unprocessed	Animals - Birds - Falconidae - Falco mexicanus
Animals - Birds	Falco mexicanus	prairie falcon	ABNKD06090	None	None	WL	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Falconidae - Falco mexicanus
Animals - Birds	Falco peregrinus anatum	American peregrine falcon	ABNKD06071	Delisted	Delisted	FP	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Falconidae - Falco peregrinus anatum
Animals - Birds	Spinus lawrencei	Lawrence's goldfinch	ABPBY06100	None	None	-	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Fringillidae - Spinus lawrencei
Animals - Birds	Spinus lawrencei	Lawrence's goldfinch	ABPBY06100	None	None	-	-	3311673	MYOMA	Unprocessed	Animals - Birds - Fringillidae - Spinus lawrencei
Animals - Birds	Spinus lawrencei	Lawrence's goldfinch	ABPBY06100	None	None	-	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Fringillidae - Spinus lawrencei
Animals - Birds	Spinus lawrencei	Lawrence's goldfinch	ABPBY06100	None	None	-	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Fringillidae - Spinus lawrencei
Animals - Birds	Gavia immer	common loon	ABNBA01030	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Gaviidae - Gavia immer
Animals - Birds	Progne subis	purple martin	ABPAU01010	None	None	SSC	-	3311665	PALM VIEW PEAK	Mapped	Animals - Birds - Hirundinidae - Progne subis
Animals - Birds	Xanthocephalus xanthocephalus	yellow-headed blackbird	ABPBXB3010	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Icteridae - Xanthocephalus xanthocephalus
Animals - Birds	Icteria virens	yellow-breasted chat	ABPBX24010	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Icteridae - Icteria virens
Animals - Birds	Icteria virens	yellow-breasted chat	ABPBX24010	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Birds - Icteridae - Icteria virens
Animals - Birds	Icteria virens	yellow-breasted chat	ABPBX24010	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Icteridae - Icteria virens
Animals - Birds	Icteria virens	yellow-breasted chat	ABPBX24010	None	None	SSC	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Icteridae - Icteria virens
Animals - Birds	Lanius ludovicianus	loggerhead shrike	ABPBR01030	None	None	SSC	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Laniidae - Lanius ludovicianus
Animals - Birds	Lanius ludovicianus	loggerhead shrike	ABPBR01030	None	None	SSC	-	3311674	CATHEDRAL CITY	Unprocessed	Animals - Birds - Laniidae - Lanius ludovicianus
Animals - Birds	Lanius ludovicianus	loggerhead shrike	ABPBR01030	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Laniidae - Lanius ludovicianus
Animals - Birds	Lanius ludovicianus	loggerhead shrike	ABPBR01030	None	None	SSC	-	3311673	MYOMA	Mapped and Unprocessed	Animals - Birds - Laniidae - Lanius ludovicianus

Animals - Birds	Lanius ludovicianus	loggerhead shrike	ABPBR01030	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Laniidae - Lanius ludovicianus
Animals - Birds	Lanius ludovicianus	loggerhead shrike	ABPBR01030	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Laniidae - Lanius ludovicianus
Animals - Birds	Larus californicus	California gull	ABNNM03110	None	None	WL	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Laridae - Larus californicus
Animals - Birds	Toxostoma crissale	Crissal thrasher	ABPBK06090	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Birds - Mimidae - Toxostoma crissale
Animals - Birds	Toxostoma crissale	Crissal thrasher	ABPBK06090	None	None	SSC	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Birds - Mimidae - Toxostoma crissale
Animals - Birds	Toxostoma crissale	Crissal thrasher	ABPBK06090	None	None	SSC	-	3311663	LA QUINTA	Mapped	Animals - Birds - Mimidae - Toxostoma crissale
Animals - Birds	Toxostoma lecontei	Le Conte's thrasher	ABPBK06100	None	None	SSC	-	3311663	LA QUINTA	Mapped	Animals - Birds - Mimidae - Toxostoma lecontei
Animals - Birds	Toxostoma lecontei	Le Conte's thrasher	ABPBK06100	None	None	SSC	-	3311665	PALM VIEW PEAK	Mapped	Animals - Birds - Mimidae - Toxostoma lecontei
Animals - Birds	Toxostoma lecontei	Le Conte's thrasher	ABPBK06100	None	None	SSC	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Birds - Mimidae - Toxostoma lecontei
Animals - Birds	Toxostoma lecontei	Le Conte's thrasher	ABPBK06100	None	None	SSC	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Birds - Mimidae - Toxostoma lecontei
Animals - Birds	Toxostoma lecontei	Le Conte's thrasher	ABPBK06100	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Birds - Mimidae - Toxostoma lecontei
Animals - Birds	Toxostoma lecontei	Le Conte's thrasher	ABPBK06100	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Mapped and Unprocessed	Animals - Birds - Mimidae - Toxostoma lecontei
Animals - Birds	Toxostoma lecontei	Le Conte's thrasher	ABPBK06100	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Mapped and Unprocessed	Animals - Birds - Mimidae - Toxostoma lecontei
Animals - Birds	Toxostoma lecontei	Le Conte's thrasher	ABPBK06100	None	None	SSC	-	3311683	EAST DECEPTION CANYON	Unprocessed	Animals - Birds - Mimidae - Toxostoma lecontei
Animals - Birds	Pandion haliaetus	osprey	ABNKC01010	None	None	WL	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Pandionidae - Pandion haliaetus
Animals - Birds	Leiothlypis luciae	Lucy's warbler	ABPBX01090	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Parulidae - Leiothlypis luciae
Animals - Birds	Leiothlypis luciae	Lucy's warbler	ABPBX01090	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Parulidae - Leiothlypis luciae
Animals - Birds	Leiothlypis luciae	Lucy's warbler	ABPBX01090	None	None	SSC	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Parulidae - Leiothlypis luciae
Animals - Birds	Setophaga petechia	yellow warbler	ABPBX03010	None	None	SSC	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Parulidae - Setophaga petechia
Animals - Birds	Setophaga petechia	yellow warbler	ABPBX03010	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Parulidae - Setophaga petechia
Animals - Birds	Setophaga petechia	yellow warbler	ABPBX03010	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Parulidae - Setophaga petechia

Animals - Birds	Setophaga petechia	yellow warbler	ABPBX03010	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Parulidae - Setophaga petechia
Animals - Birds	Setophaga petechia	yellow warbler	ABPBX03010	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Birds - Parulidae - Setophaga petechia
Animals - Birds	Aimophila ruficeps canescens	southern California rufous-crowned sparrow	ABPBX91091	None	None	WL	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Birds - Passerellidae - Aimophila ruficeps canescens
Animals - Birds	Aimophila ruficeps canescens	southern California rufous-crowned sparrow	ABPBX91091	None	None	WL	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Passerellidae - Aimophila ruficeps canescens
Animals - Birds	Artemisiospiza belli belli	Bell's sage sparrow	ABPBX97021	None	None	WL	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Passerellidae - Artemisiospiza belli belli
Animals - Birds	Melospiza aberti	Abert's towhee	ABPBX74050	None	None	-	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Passerellidae - Melospiza aberti
Animals - Birds	Passerculus sandwichensis alaudinus	Bryant's savannah sparrow	ABPBX99011	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Birds - Passerellidae - Passerculus sandwichensis alaudinus
Animals - Birds	Passerculus sandwichensis rostratus	large-billed savannah sparrow	ABPBX9901D	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Birds - Passerellidae - Passerculus sandwichensis rostratus
Animals - Birds	Passerculus sandwichensis rostratus	large-billed savannah sparrow	ABPBX9901D	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Passerellidae - Passerculus sandwichensis rostratus
Animals - Birds	Passerculus sandwichensis rostratus	large-billed savannah sparrow	ABPBX9901D	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Passerellidae - Passerculus sandwichensis rostratus
Animals - Birds	Spizella breweri	Brewer's sparrow	ABPBX94040	None	None	-	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Passerellidae - Spizella breweri
Animals - Birds	Spizella breweri	Brewer's sparrow	ABPBX94040	None	None	-	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Passerellidae - Spizella breweri
Animals - Birds	Spizella breweri	Brewer's sparrow	ABPBX94040	None	None	-	-	3311673	MYOMA	Unprocessed	Animals - Birds - Passerellidae - Spizella breweri
Animals - Birds	Nannopterum auritum	double-crested cormorant	ABNFD01020	None	None	WL	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Phalacrocoracidae - Nannopterum auritum
Animals - Birds	Polioptila californica californica	coastal California gnatcatcher	ABPBX08081	Threatened	None	SSC	-	3311675	PALM SPRINGS	Mapped	Animals - Birds - Polioptilidae - Polioptila californica californica
Animals - Birds	Polioptila californica californica	coastal California gnatcatcher	ABPBX08081	Threatened	None	SSC	-	3311674	CATHEDRAL CITY	Mapped	Animals - Birds - Polioptilidae - Polioptila californica californica
Animals - Birds	Polioptila melanura	black-tailed gnatcatcher	ABPBX08030	None	None	WL	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Birds - Polioptilidae - Polioptila melanura
Animals - Birds	Polioptila melanura	black-tailed gnatcatcher	ABPBX08030	None	None	WL	-	3311663	LA QUINTA	Mapped	Animals - Birds - Polioptilidae - Polioptila melanura
Animals - Birds	Polioptila melanura	black-tailed gnatcatcher	ABPBX08030	None	None	WL	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Polioptilidae - Polioptila melanura
Animals - Birds	Polioptila melanura	black-tailed gnatcatcher	ABPBX08030	None	None	WL	-	3311673	MYOMA	Unprocessed	Animals - Birds - Polioptilidae - Polioptila melanura

Animals - Birds	Polioptila melanura	black-tailed gnatcatcher	ABPBJ08030	None	None	WL	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Polioptilidae - Polioptila melanura
Animals - Birds	Polioptila melanura	black-tailed gnatcatcher	ABPBJ08030	None	None	WL	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Polioptilidae - Polioptila melanura
Animals - Birds	Polioptila melanura	black-tailed gnatcatcher	ABPBJ08030	None	None	WL	-	3311664	RANCHO MIRAGE	Mapped	Animals - Birds - Polioptilidae - Polioptila melanura
Animals - Birds	Asio otus	long-eared owl	ABNSB13010	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Strigidae - Asio otus
Animals - Birds	Athene cucularia	burrowing owl	ABNSB10010	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Mapped and Unprocessed	Animals - Birds - Strigidae - Athene cucularia
Animals - Birds	Athene cucularia	burrowing owl	ABNSB10010	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Mapped and Unprocessed	Animals - Birds - Strigidae - Athene cucularia
Animals - Birds	Athene cucularia	burrowing owl	ABNSB10010	None	None	SSC	-	3311673	MYOMA	Mapped and Unprocessed	Animals - Birds - Strigidae - Athene cucularia
Animals - Birds	Athene cucularia	burrowing owl	ABNSB10010	None	None	SSC	-	3311663	LA QUINTA	Mapped and Unprocessed	Animals - Birds - Strigidae - Athene cucularia
Animals - Birds	Athene cucularia	burrowing owl	ABNSB10010	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Strigidae - Athene cucularia
Animals - Birds	Athene cucularia	burrowing owl	ABNSB10010	None	None	SSC	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Birds - Strigidae - Athene cucularia
Animals - Birds	Athene cucularia	burrowing owl	ABNSB10010	None	None	SSC	-	3311664	RANCHO MIRAGE	Unprocessed	Animals - Birds - Strigidae - Athene cucularia
Animals - Birds	Calypte costae	Costa's hummingbird	ABNUC47020	None	None	-	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Trochilidae - Calypte costae
Animals - Birds	Calypte costae	Costa's hummingbird	ABNUC47020	None	None	-	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Trochilidae - Calypte costae
Animals - Birds	Calypte costae	Costa's hummingbird	ABNUC47020	None	None	-	-	3311673	MYOMA	Unprocessed	Animals - Birds - Trochilidae - Calypte costae
Animals - Birds	Calypte costae	Costa's hummingbird	ABNUC47020	None	None	-	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Trochilidae - Calypte costae
Animals - Birds	Calypte costae	Costa's hummingbird	ABNUC47020	None	None	-	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Trochilidae - Calypte costae
Animals - Birds	Selasphorus rufus	rufous hummingbird	ABNUC51020	None	None	-	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Trochilidae - Selasphorus rufus
Animals - Birds	Selasphorus rufus	rufous hummingbird	ABNUC51020	None	None	-	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Trochilidae - Selasphorus rufus
Animals - Birds	Selasphorus rufus	rufous hummingbird	ABNUC51020	None	None	-	-	3311673	MYOMA	Unprocessed	Animals - Birds - Trochilidae - Selasphorus rufus
Animals - Birds	Selasphorus rufus	rufous hummingbird	ABNUC51020	None	None	-	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Trochilidae - Selasphorus rufus
Animals - Birds	Selasphorus rufus	rufous hummingbird	ABNUC51020	None	None	-	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Trochilidae - Selasphorus rufus
Animals - Birds	Contopus cooperi	olive-sided flycatcher	ABPAE32010	None	None	SSC	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Birds - Tyrannidae - Contopus cooperi
Animals - Birds	Contopus cooperi	olive-sided flycatcher	ABPAE32010	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Tyrannidae - Contopus cooperi
Animals - Birds	Contopus cooperi	olive-sided flycatcher	ABPAE32010	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Birds - Tyrannidae - Contopus cooperi
Animals - Birds	Contopus cooperi	olive-sided flycatcher	ABPAE32010	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Tyrannidae - Contopus cooperi

Animals - Birds	Contopus cooperi	olive-sided flycatcher	ABPAE32010	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Birds - Tyrannidae - Contopus cooperi
Animals - Birds	Empidonax traillii brewsteri	little willow flycatcher	ABPAE33041	None	Endangered	-	-	3311673	MYOMA	Unprocessed	Animals - Birds - Tyrannidae - Empidonax traillii brewsteri
Animals - Birds	Empidonax traillii extimus	southwestern willow flycatcher	ABPAE33043	Endangered	Endangered	-	-	3311673	MYOMA	Mapped and Unprocessed	Animals - Birds - Tyrannidae - Empidonax traillii extimus
Animals - Birds	Empidonax traillii extimus	southwestern willow flycatcher	ABPAE33043	Endangered	Endangered	-	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Birds - Tyrannidae - Empidonax traillii extimus
Animals - Birds	Empidonax traillii extimus	southwestern willow flycatcher	ABPAE33043	Endangered	Endangered	-	-	3311675	PALM SPRINGS	Unprocessed	Animals - Birds - Tyrannidae - Empidonax traillii extimus
Animals - Birds	Empidonax traillii extimus	southwestern willow flycatcher	ABPAE33043	Endangered	Endangered	-	-	3311664	RANCHO MIRAGE	Mapped	Animals - Birds - Tyrannidae - Empidonax traillii extimus
Animals - Birds	Pyrocephalus rubinus	vermillion flycatcher	ABPAE36010	None	None	SSC	-	3311663	LA QUINTA	Mapped and Unprocessed	Animals - Birds - Tyrannidae - Pyrocephalus rubinus
Animals - Birds	Vireo bellii pusillus	least Bell's vireo	ABPBW01114	Endangered	Endangered	-	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Birds - Vireonidae - Vireo bellii pusillus
Animals - Birds	Vireo bellii pusillus	least Bell's vireo	ABPBW01114	Endangered	Endangered	-	-	3311684	SEVEN PALMS VALLEY	Mapped	Animals - Birds - Vireonidae - Vireo bellii pusillus
Animals - Birds	Vireo bellii pusillus	least Bell's vireo	ABPBW01114	Endangered	Endangered	-	-	3311663	LA QUINTA	Unprocessed	Animals - Birds - Vireonidae - Vireo bellii pusillus
Animals - Birds	Vireo bellii pusillus	least Bell's vireo	ABPBW01114	Endangered	Endangered	-	-	3311665	PALM VIEW PEAK	Mapped	Animals - Birds - Vireonidae - Vireo bellii pusillus
Animals - Fish	Cyprinodon macularius	desert pupfish	AFCNB02060	Endangered	Endangered	-	-	3311663	LA QUINTA	Mapped and Unprocessed	Animals - Fish - Cyprinodontidae - Cyprinodon macularius
Animals - Fish	Cyprinodon macularius	desert pupfish	AFCNB02060	Endangered	Endangered	-	-	3311664	RANCHO MIRAGE	Mapped	Animals - Fish - Cyprinodontidae - Cyprinodon macularius
Animals - Fish	Cyprinodon macularius	desert pupfish	AFCNB02060	Endangered	Endangered	-	-	3311673	MYOMA	Mapped and Unprocessed	Animals - Fish - Cyprinodontidae - Cyprinodon macularius
Animals - Insects	Bombus crotchii	Crotch bumble bee	IIHYM24480	None	None	-	-	3311675	PALM SPRINGS	Mapped	Animals - Insects - Apidae - Bombus crotchii
Animals - Insects	Bombus crotchii	Crotch bumble bee	IIHYM24480	None	None	-	-	3311664	RANCHO MIRAGE	Mapped	Animals - Insects - Apidae - Bombus crotchii
Animals - Insects	Habropoda pallida	white faced bee	IIHYM88010	None	None	-	-	3311675	PALM SPRINGS	Unprocessed	Animals - Insects - Apidae - Habropoda pallida
Animals - Insects	Habropoda pallida	white faced bee	IIHYM88010	None	None	-	-	3311674	CATHEDRAL CITY	Unprocessed	Animals - Insects - Apidae - Habropoda pallida
Animals - Insects	Habropoda pallida	white faced bee	IIHYM88010	None	None	-	-	3311673	MYOMA	Unprocessed	Animals - Insects - Apidae - Habropoda pallida
Animals - Insects	Habropoda pallida	white faced bee	IIHYM88010	None	None	-	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Insects - Apidae - Habropoda pallida
Animals - Insects	Oliarces clara	cheeseweed owfly (cheeseweed moth lacewing)	IINEU04010	None	None	-	-	3311673	MYOMA	Mapped	Animals - Insects - Ithonidae - Oliarces clara
Animals - Insects	Oliarces clara	cheeseweed owfly (cheeseweed moth lacewing)	IINEU04010	None	None	-	-	3311675	PALM SPRINGS	Unprocessed	Animals - Insects - Ithonidae - Oliarces clara

Animals - Insects	Oliarces clara	cheeseweed owfly (cheeseweed moth lacewing)	IINEU04010	None	None	-	-	3311664	RANCHO MIRAGE	Mapped	Animals - Insects - Ithonidae - Oliarces clara
Animals - Insects	Oliarces clara	cheeseweed owfly (cheeseweed moth lacewing)	IINEU04010	None	None	-	-	3311663	LA QUINTA	Mapped	Animals - Insects - Ithonidae - Oliarces clara
Animals - Insects	Euphydryas editha quino	quino checkerspot butterfly	IILEPK405L	Endangered	None	-	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Insects - Nymphalidae - Euphydryas editha quino
Animals - Insects	Euphydryas editha quino	quino checkerspot butterfly	IILEPK405L	Endangered	None	-	-	3311675	PALM SPRINGS	Unprocessed	Animals - Insects - Nymphalidae - Euphydryas editha quino
Animals - Insects	Euphydryas editha quino	quino checkerspot butterfly	IILEPK405L	Endangered	None	-	-	3311673	MYOMA	Unprocessed	Animals - Insects - Nymphalidae - Euphydryas editha quino
Animals - Insects	Macrobaenetes valgum	Coachella giant sand treader cricket	IORT22020	None	None	-	-	3311673	MYOMA	Mapped and Unprocessed	Animals - Insects - Rhaphidophoridae - Macrobaenetes valgum
Animals - Insects	Macrobaenetes valgum	Coachella giant sand treader cricket	IORT22020	None	None	-	-	3311674	CATHEDRAL CITY	Mapped	Animals - Insects - Rhaphidophoridae - Macrobaenetes valgum
Animals - Insects	Macrobaenetes valgum	Coachella giant sand treader cricket	IORT22020	None	None	-	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Insects - Rhaphidophoridae - Macrobaenetes valgum
Animals - Insects	Macrobaenetes valgum	Coachella giant sand treader cricket	IORT22020	None	None	-	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Insects - Rhaphidophoridae - Macrobaenetes valgum
Animals - Insects	Macrobaenetes valgum	Coachella giant sand treader cricket	IORT22020	None	None	-	-	3311663	LA QUINTA	Mapped and Unprocessed	Animals - Insects - Rhaphidophoridae - Macrobaenetes valgum
Animals - Insects	Macrobaenetes valgum	Coachella giant sand treader cricket	IORT22020	None	None	-	-	3311664	RANCHO MIRAGE	Mapped	Animals - Insects - Rhaphidophoridae - Macrobaenetes valgum
Animals - Insects	Dinacoma caseyi	Casey's June beetle	IICOLX5010	Endangered	None	-	-	3311663	LA QUINTA	Mapped	Animals - Insects - Scarabaeidae - Dinacoma caseyi
Animals - Insects	Dinacoma caseyi	Casey's June beetle	IICOLX5010	Endangered	None	-	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Insects - Scarabaeidae - Dinacoma caseyi
Animals - Insects	Dinacoma caseyi	Casey's June beetle	IICOLX5010	Endangered	None	-	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Insects - Scarabaeidae - Dinacoma caseyi
Animals - Insects	Stenopelmatus cahuilensis	Coachella Valley jerusalem cricket	IORT26010	None	None	-	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Insects - Stenopelmatidae - Stenopelmatus cahuilensis
Animals - Insects	Stenopelmatus cahuilensis	Coachella Valley jerusalem cricket	IORT26010	None	None	-	-	3311674	CATHEDRAL CITY	Mapped	Animals - Insects - Stenopelmatidae - Stenopelmatus cahuilensis
Animals - Insects	Stenopelmatus cahuilensis	Coachella Valley jerusalem cricket	IORT26010	None	None	-	-	3311685	DESERT HOT SPRINGS	Mapped and Unprocessed	Animals - Insects - Stenopelmatidae - Stenopelmatus cahuilensis
Animals - Mammals	Ovis canadensis nelsoni	desert bighorn sheep	AMALE04013	None	None	FP	-	3311685	DESERT HOT SPRINGS	Mapped and Unprocessed	Animals - Mammals - Bovidae - Ovis canadensis nelsoni
Animals - Mammals	Ovis canadensis nelsoni	desert bighorn sheep	AMALE04013	None	None	FP	-	3311684	SEVEN PALMS VALLEY	Mapped and Unprocessed	Animals - Mammals - Bovidae - Ovis canadensis nelsoni
Animals - Mammals	Ovis canadensis nelsoni	desert bighorn sheep	AMALE04013	None	None	FP	-	3311683	EAST DECEPTION CANYON	Mapped and Unprocessed	Animals - Mammals - Bovidae - Ovis canadensis nelsoni

Animals - Mammals	<i>Ovis canadensis nelsoni</i> pop. 2	Peninsular bighorn sheep DPS	AMALE04012	Endangered	Threatened	FP	-	3311685	DESERT HOT SPRINGS	Mapped	Animals - Mammals - Bovidae - <i>Ovis canadensis nelsoni</i> pop. 2
Animals - Mammals	<i>Ovis canadensis nelsoni</i> pop. 2	Peninsular bighorn sheep DPS	AMALE04012	Endangered	Threatened	FP	-	3311674	CATHEDRAL CITY	Unprocessed	Animals - Mammals - Bovidae - <i>Ovis canadensis nelsoni</i> pop. 2
Animals - Mammals	<i>Ovis canadensis nelsoni</i> pop. 2	Peninsular bighorn sheep DPS	AMALE04012	Endangered	Threatened	FP	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Mammals - Bovidae - <i>Ovis canadensis nelsoni</i> pop. 2
Animals - Mammals	<i>Ovis canadensis nelsoni</i> pop. 2	Peninsular bighorn sheep DPS	AMALE04012	Endangered	Threatened	FP	-	3311663	LA QUINTA	Unprocessed	Animals - Mammals - Bovidae - <i>Ovis canadensis nelsoni</i> pop. 2
Animals - Mammals	<i>Ovis canadensis nelsoni</i> pop. 2	Peninsular bighorn sheep DPS	AMALE04012	Endangered	Threatened	FP	-	3311664	RANCHO MIRAGE	Mapped and Unprocessed	Animals - Mammals - Bovidae - <i>Ovis canadensis nelsoni</i> pop. 2
Animals - Mammals	<i>Ovis canadensis nelsoni</i> pop. 2	Peninsular bighorn sheep DPS	AMALE04012	Endangered	Threatened	FP	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Mammals - Bovidae - <i>Ovis canadensis nelsoni</i> pop. 2
Animals - Mammals	<i>Neotoma albigula venusta</i>	Colorado Valley woodrat	AMAFF08031	None	None	-	-	3311664	RANCHO MIRAGE	Mapped	Animals - Mammals - Cricetidae - <i>Neotoma albigula venusta</i>
Animals - Mammals	<i>Neotoma lepida intermedia</i>	San Diego desert woodrat	AMAFF08041	None	None	SSC	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Mammals - Cricetidae - <i>Neotoma lepida intermedia</i>
Animals - Mammals	<i>Neotoma lepida intermedia</i>	San Diego desert woodrat	AMAFF08041	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Mapped	Animals - Mammals - Cricetidae - <i>Neotoma lepida intermedia</i>
Animals - Mammals	<i>Neotoma lepida intermedia</i>	San Diego desert woodrat	AMAFF08041	None	None	SSC	-	3311673	MYOMA	Mapped and Unprocessed	Animals - Mammals - Cricetidae - <i>Neotoma lepida intermedia</i>
Animals - Mammals	<i>Neotoma lepida intermedia</i>	San Diego desert woodrat	AMAFF08041	None	None	SSC	-	3311683	EAST DECEPTION CANYON	Mapped	Animals - Mammals - Cricetidae - <i>Neotoma lepida intermedia</i>
Animals - Mammals	<i>Neotoma lepida intermedia</i>	San Diego desert woodrat	AMAFF08041	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Mapped	Animals - Mammals - Cricetidae - <i>Neotoma lepida intermedia</i>
Animals - Mammals	<i>Chaetodipus fallax fallax</i>	northwestern San Diego pocket mouse	AMAFD05031	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Mammals - Heteromyidae - <i>Chaetodipus fallax fallax</i>
Animals - Mammals	<i>Chaetodipus fallax fallax</i>	northwestern San Diego pocket mouse	AMAFD05031	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Mammals - Heteromyidae - <i>Chaetodipus fallax fallax</i>
Animals - Mammals	<i>Chaetodipus fallax pallidus</i>	pallid San Diego pocket mouse	AMAFD05032	None	None	SSC	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Mammals - Heteromyidae - <i>Chaetodipus fallax pallidus</i>
Animals - Mammals	<i>Chaetodipus fallax pallidus</i>	pallid San Diego pocket mouse	AMAFD05032	None	None	SSC	-	3311673	MYOMA	Mapped	Animals - Mammals - Heteromyidae - <i>Chaetodipus fallax pallidus</i>

Animals - Mammals	Chaetodipus fallax pallidus	pallid San Diego pocket mouse	AMAFD05032	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Mapped	Animals - Mammals - Heteromyidae - Chaetodipus fallax pallidus
Animals - Mammals	Chaetodipus fallax pallidus	pallid San Diego pocket mouse	AMAFD05032	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Mapped	Animals - Mammals - Heteromyidae - Chaetodipus fallax pallidus
Animals - Mammals	Chaetodipus fallax pallidus	pallid San Diego pocket mouse	AMAFD05032	None	None	SSC	-	3311664	RANCHO MIRAGE	Mapped and Unprocessed	Animals - Mammals - Heteromyidae - Chaetodipus fallax pallidus
Animals - Mammals	Chaetodipus fallax pallidus	pallid San Diego pocket mouse	AMAFD05032	None	None	SSC	-	3311663	LA QUINTA	Mapped	Animals - Mammals - Heteromyidae - Chaetodipus fallax pallidus
Animals - Mammals	Chaetodipus fallax pallidus	pallid San Diego pocket mouse	AMAFD05032	None	None	SSC	-	3311665	PALM VIEW PEAK	Mapped and Unprocessed	Animals - Mammals - Heteromyidae - Chaetodipus fallax pallidus
Animals - Mammals	Dipodomys merriami collinus	Earthquake Merriam's kangaroo rat	AMAFD03144	None	None	-	-	3311673	MYOMA	Mapped and Unprocessed	Animals - Mammals - Heteromyidae - Dipodomys merriami collinus
Animals - Mammals	Dipodomys merriami collinus	Earthquake Merriam's kangaroo rat	AMAFD03144	None	None	-	-	3311675	PALM SPRINGS	Unprocessed	Animals - Mammals - Heteromyidae - Dipodomys merriami collinus
Animals - Mammals	Dipodomys simulans	Dulzura kangaroo rat	AMAFD03170	None	None	-	-	3311675	PALM SPRINGS	Unprocessed	Animals - Mammals - Heteromyidae - Dipodomys simulans
Animals - Mammals	Perognathus longimembris bangsi	Palm Springs pocket mouse	AMAFD01043	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Mammals - Heteromyidae - Perognathus longimembris bangsi
Animals - Mammals	Perognathus longimembris bangsi	Palm Springs pocket mouse	AMAFD01043	None	None	SSC	-	3311674	CATHEDRAL CITY	Unprocessed	Animals - Mammals - Heteromyidae - Perognathus longimembris bangsi
Animals - Mammals	Perognathus longimembris bangsi	Palm Springs pocket mouse	AMAFD01043	None	None	SSC	-	3311673	MYOMA	Mapped and Unprocessed	Animals - Mammals - Heteromyidae - Perognathus longimembris bangsi
Animals - Mammals	Perognathus longimembris bangsi	Palm Springs pocket mouse	AMAFD01043	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Mapped and Unprocessed	Animals - Mammals - Heteromyidae - Perognathus longimembris bangsi
Animals - Mammals	Perognathus longimembris bangsi	Palm Springs pocket mouse	AMAFD01043	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Mammals - Heteromyidae - Perognathus longimembris bangsi
Animals - Mammals	Perognathus longimembris bangsi	Palm Springs pocket mouse	AMAFD01043	None	None	SSC	-	3311683	EAST DECEPTION CANYON	Unprocessed	Animals - Mammals - Heteromyidae - Perognathus longimembris bangsi

Animals - Mammals	Perognathus longimembris bangsi	Palm Springs pocket mouse	AMAFD01043	None	None	SSC	-	3311663	LA QUINTA	Unprocessed	Animals - Mammals - Heteromyidae - Perognathus longimembris bangsi
Animals - Mammals	Perognathus longimembris brevinasus	Los Angeles pocket mouse	AMAFD01041	None	None	SSC	-	3311665	PALM VIEW PEAK	Mapped	Animals - Mammals - Heteromyidae - Perognathus longimembris brevinasus
Animals - Mammals	Perognathus longimembris brevinasus	Los Angeles pocket mouse	AMAFD01041	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Mammals - Heteromyidae - Perognathus longimembris brevinasus
Animals - Mammals	Lepus californicus bennettii	San Diego black-tailed jackrabbit	AMAEB03051	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Mammals - Leporidae - Lepus californicus bennettii
Animals - Mammals	Lepus californicus bennettii	San Diego black-tailed jackrabbit	AMAEB03051	None	None	SSC	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Mammals - Leporidae - Lepus californicus bennettii
Animals - Mammals	Nyctinomops femorosaccus	pocketed free-tailed bat	AMACD04010	None	None	SSC	-	3311663	LA QUINTA	Mapped	Animals - Mammals - Molossidae - Nyctinomops femorosaccus
Animals - Mammals	Nyctinomops femorosaccus	pocketed free-tailed bat	AMACD04010	None	None	SSC	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Mammals - Molossidae - Nyctinomops femorosaccus
Animals - Mammals	Nyctinomops macrotis	big free-tailed bat	AMACD04020	None	None	SSC	-	3311675	PALM SPRINGS	Mapped	Animals - Mammals - Molossidae - Nyctinomops macrotis
Animals - Mammals	Xerospermophilus tereticaudus chlorus	Palm Springs round-tailed ground squirrel	AMAFB05161	None	None	SSC	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Mammals - Scuriidae - Xerospermophilus tereticaudus chlorus
Animals - Mammals	Xerospermophilus tereticaudus chlorus	Palm Springs round-tailed ground squirrel	AMAFB05161	None	None	SSC	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Mammals - Scuriidae - Xerospermophilus tereticaudus chlorus
Animals - Mammals	Xerospermophilus tereticaudus chlorus	Palm Springs round-tailed ground squirrel	AMAFB05161	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Mapped and Unprocessed	Animals - Mammals - Scuriidae - Xerospermophilus tereticaudus chlorus
Animals - Mammals	Xerospermophilus tereticaudus chlorus	Palm Springs round-tailed ground squirrel	AMAFB05161	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Mammals - Scuriidae - Xerospermophilus tereticaudus chlorus
Animals - Mammals	Xerospermophilus tereticaudus chlorus	Palm Springs round-tailed ground squirrel	AMAFB05161	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Mammals - Scuriidae - Xerospermophilus tereticaudus chlorus
Animals - Mammals	Xerospermophilus tereticaudus chlorus	Palm Springs round-tailed ground squirrel	AMAFB05161	None	None	SSC	-	3311663	LA QUINTA	Mapped and Unprocessed	Animals - Mammals - Scuriidae - Xerospermophilus tereticaudus chlorus

Animals - Mammals	Antrozous pallidus	pallid bat	AMACC10010	None	None	SSC	-	3311663	LA QUINTA	Unprocessed	Animals - Mammals - Vespertilionidae - Antrozous pallidus
Animals - Mammals	Corynorhinus townsendii	Townsend's big-eared bat	AMACC08010	None	None	SSC	-	3311665	PALM VIEW PEAK	Mapped	Animals - Mammals - Vespertilionidae - Corynorhinus townsendii
Animals - Mammals	Corynorhinus townsendii	Townsend's big-eared bat	AMACC08010	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Mapped	Animals - Mammals - Vespertilionidae - Corynorhinus townsendii
Animals - Mammals	Lasiurus xanthinus	western yellow bat	AMACC05070	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Mammals - Vespertilionidae - Lasiurus xanthinus
Animals - Mammals	Lasiurus xanthinus	western yellow bat	AMACC05070	None	None	SSC	-	3311674	CATHEDRAL CITY	Mapped	Animals - Mammals - Vespertilionidae - Lasiurus xanthinus
Animals - Mammals	Lasiurus xanthinus	western yellow bat	AMACC05070	None	None	SSC	-	3311675	PALM SPRINGS	Mapped	Animals - Mammals - Vespertilionidae - Lasiurus xanthinus
Animals - Mammals	Lasiurus xanthinus	western yellow bat	AMACC05070	None	None	SSC	-	3311663	LA QUINTA	Mapped	Animals - Mammals - Vespertilionidae - Lasiurus xanthinus
Animals - Mammals	Lasiurus xanthinus	western yellow bat	AMACC05070	None	None	SSC	-	3311664	RANCHO MIRAGE	Mapped	Animals - Mammals - Vespertilionidae - Lasiurus xanthinus
Animals - Mollusks	Eremarionta morongoana	Morongo (=Colorado) desertsnailed	IMGASB9070	None	None	-	-	3311685	DESERT HOT SPRINGS	Unprocessed	Animals - Mollusks - Helminthoglyptidae - Eremarionta morongoana
Animals - Mollusks	Eremarionta morongoana	Morongo (=Colorado) desertsnailed	IMGASB9070	None	None	-	-	3311684	SEVEN PALMS VALLEY	Unprocessed	Animals - Mollusks - Helminthoglyptidae - Eremarionta morongoana
Animals - Reptiles	Arizona elegans occidentalis	California glossy snake	ARADB01017	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Reptiles - Colubridae - Arizona elegans occidentalis
Animals - Reptiles	Coleonyx variegatus abbotti	San Diego banded gecko	ARACD01031	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Reptiles - Gekkonidae - Coleonyx variegatus abbotti
Animals - Reptiles	Thamnophis hammondi	two-striped gartersnake	ARADB36160	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Reptiles - Natricidae - Thamnophis hammondi
Animals - Reptiles	Thamnophis hammondi	two-striped gartersnake	ARADB36160	None	None	SSC	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Reptiles - Natricidae - Thamnophis hammondi
Animals - Reptiles	Phrynosoma blainvillii	coast horned lizard	ARACF12100	None	None	SSC	-	3311665	PALM VIEW PEAK	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma blainvillii
Animals - Reptiles	Phrynosoma blainvillii	coast horned lizard	ARACF12100	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma blainvillii
Animals - Reptiles	Phrynosoma blainvillii	coast horned lizard	ARACF12100	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma blainvillii
Animals - Reptiles	Phrynosoma mcallii	flat-tailed horned lizard	ARACF12040	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma mcallii

Animals - Reptiles	Phrynosoma mcallii	flat-tailed horned lizard	ARACF12040	None	None	SSC	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma mcallii
Animals - Reptiles	Phrynosoma mcallii	flat-tailed horned lizard	ARACF12040	None	None	SSC	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma mcallii
Animals - Reptiles	Phrynosoma mcallii	flat-tailed horned lizard	ARACF12040	None	None	SSC	-	3311673	MYOMA	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma mcallii
Animals - Reptiles	Phrynosoma mcallii	flat-tailed horned lizard	ARACF12040	None	None	SSC	-	3311664	RANCHO MIRAGE	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma mcallii
Animals - Reptiles	Phrynosoma mcallii	flat-tailed horned lizard	ARACF12040	None	None	SSC	-	3311663	LA QUINTA	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma mcallii
Animals - Reptiles	Uma inornata	Coachella Valley fringe-toed lizard	ARACF15010	Threatened	Endangered	-	-	3311663	LA QUINTA	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Uma inornata
Animals - Reptiles	Uma inornata	Coachella Valley fringe-toed lizard	ARACF15010	Threatened	Endangered	-	-	3311664	RANCHO MIRAGE	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Uma inornata
Animals - Reptiles	Uma inornata	Coachella Valley fringe-toed lizard	ARACF15010	Threatened	Endangered	-	-	3311673	MYOMA	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Uma inornata
Animals - Reptiles	Uma inornata	Coachella Valley fringe-toed lizard	ARACF15010	Threatened	Endangered	-	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Uma inornata
Animals - Reptiles	Uma inornata	Coachella Valley fringe-toed lizard	ARACF15010	Threatened	Endangered	-	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Uma inornata
Animals - Reptiles	Uma inornata	Coachella Valley fringe-toed lizard	ARACF15010	Threatened	Endangered	-	-	3311685	DESERT HOT SPRINGS	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Uma inornata
Animals - Reptiles	Uma inornata	Coachella Valley fringe-toed lizard	ARACF15010	Threatened	Endangered	-	-	3311684	SEVEN PALMS VALLEY	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - Uma inornata
Animals - Reptiles	Aspidoscelis tigris stejnegeri	coastal whiptail	ARACJ02143	None	None	SSC	-	3311675	PALM SPRINGS	Unprocessed	Animals - Reptiles - Teiidae - Aspidoscelis tigris stejnegeri
Animals - Reptiles	Aspidoscelis tigris stejnegeri	coastal whiptail	ARACJ02143	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Reptiles - Teiidae - Aspidoscelis tigris stejnegeri
Animals - Reptiles	Aspidoscelis tigris stejnegeri	coastal whiptail	ARACJ02143	None	None	SSC	-	3311665	PALM VIEW PEAK	Unprocessed	Animals - Reptiles - Teiidae - Aspidoscelis tigris stejnegeri
Animals - Reptiles	Gopherus agassizii	desert tortoise	ARAAF01012	Threatened	Threatened	-	-	3311664	RANCHO MIRAGE	Mapped and Unprocessed	Animals - Reptiles - Testudinidae - Gopherus agassizii
Animals - Reptiles	Gopherus agassizii	desert tortoise	ARAAF01012	Threatened	Threatened	-	-	3311663	LA QUINTA	Unprocessed	Animals - Reptiles - Testudinidae - Gopherus agassizii
Animals - Reptiles	Gopherus agassizii	desert tortoise	ARAAF01012	Threatened	Threatened	-	-	3311675	PALM SPRINGS	Unprocessed	Animals - Reptiles - Testudinidae - Gopherus agassizii
Animals - Reptiles	Gopherus agassizii	desert tortoise	ARAAF01012	Threatened	Threatened	-	-	3311684	SEVEN PALMS VALLEY	Mapped and Unprocessed	Animals - Reptiles - Testudinidae - Gopherus agassizii
Animals - Reptiles	Gopherus agassizii	desert tortoise	ARAAF01012	Threatened	Threatened	-	-	3311683	EAST DECEPTION CANYON	Mapped and Unprocessed	Animals - Reptiles - Testudinidae - Gopherus agassizii
Animals - Reptiles	Gopherus agassizii	desert tortoise	ARAAF01012	Threatened	Threatened	-	-	3311685	DESERT HOT SPRINGS	Mapped and Unprocessed	Animals - Reptiles - Testudinidae - Gopherus agassizii
Animals - Reptiles	Gopherus agassizii	desert tortoise	ARAAF01012	Threatened	Threatened	-	-	3311673	MYOMA	Unprocessed	Animals - Reptiles - Testudinidae - Gopherus agassizii

Animals - Reptiles	Crotalus ruber	red-diamond rattlesnake	ARADE02090	None	None	SSC	-	3311685	DESERT HOT SPRINGS	Mapped and Unprocessed	Animals - Reptiles - Viperidae - Crotalus ruber
Animals - Reptiles	Crotalus ruber	red-diamond rattlesnake	ARADE02090	None	None	SSC	-	3311683	EAST DECEPTION CANYON	Unprocessed	Animals - Reptiles - Viperidae - Crotalus ruber
Animals - Reptiles	Crotalus ruber	red-diamond rattlesnake	ARADE02090	None	None	SSC	-	3311684	SEVEN PALMS VALLEY	Mapped and Unprocessed	Animals - Reptiles - Viperidae - Crotalus ruber
Animals - Reptiles	Crotalus ruber	red-diamond rattlesnake	ARADE02090	None	None	SSC	-	3311675	PALM SPRINGS	Mapped and Unprocessed	Animals - Reptiles - Viperidae - Crotalus ruber
Animals - Reptiles	Crotalus ruber	red-diamond rattlesnake	ARADE02090	None	None	SSC	-	3311673	MYOMA	Unprocessed	Animals - Reptiles - Viperidae - Crotalus ruber
Animals - Reptiles	Crotalus ruber	red-diamond rattlesnake	ARADE02090	None	None	SSC	-	3311674	CATHEDRAL CITY	Unprocessed	Animals - Reptiles - Viperidae - Crotalus ruber
Animals - Reptiles	Crotalus ruber	red-diamond rattlesnake	ARADE02090	None	None	SSC	-	3311663	LA QUINTA	Mapped and Unprocessed	Animals - Reptiles - Viperidae - Crotalus ruber
Animals - Reptiles	Crotalus ruber	red-diamond rattlesnake	ARADE02090	None	None	SSC	-	3311664	RANCHO MIRAGE	Mapped and Unprocessed	Animals - Reptiles - Viperidae - Crotalus ruber
Animals - Reptiles	Crotalus ruber	red-diamond rattlesnake	ARADE02090	None	None	SSC	-	3311665	PALM VIEW PEAK	Mapped and Unprocessed	Animals - Reptiles - Viperidae - Crotalus ruber
Community - Terrestrial	Desert Fan Palm Oasis Woodland	Desert Fan Palm Oasis Woodland	CTT62300CA	None	None	-	-	3311665	PALM VIEW PEAK	Mapped	Community - Terrestrial - Desert Fan Palm Oasis Woodland
Community - Terrestrial	Desert Fan Palm Oasis Woodland	Desert Fan Palm Oasis Woodland	CTT62300CA	None	None	-	-	3311664	RANCHO MIRAGE	Mapped	Community - Terrestrial - Desert Fan Palm Oasis Woodland
Community - Terrestrial	Desert Fan Palm Oasis Woodland	Desert Fan Palm Oasis Woodland	CTT62300CA	None	None	-	-	3311663	LA QUINTA	Mapped	Community - Terrestrial - Desert Fan Palm Oasis Woodland
Community - Terrestrial	Desert Fan Palm Oasis Woodland	Desert Fan Palm Oasis Woodland	CTT62300CA	None	None	-	-	3311674	CATHEDRAL CITY	Mapped	Community - Terrestrial - Desert Fan Palm Oasis Woodland
Community - Terrestrial	Desert Fan Palm Oasis Woodland	Desert Fan Palm Oasis Woodland	CTT62300CA	None	None	-	-	3311673	MYOMA	Mapped	Community - Terrestrial - Desert Fan Palm Oasis Woodland
Community - Terrestrial	Desert Fan Palm Oasis Woodland	Desert Fan Palm Oasis Woodland	CTT62300CA	None	None	-	-	3311675	PALM SPRINGS	Mapped	Community - Terrestrial - Desert Fan Palm Oasis Woodland
Community - Terrestrial	Desert Fan Palm Oasis Woodland	Desert Fan Palm Oasis Woodland	CTT62300CA	None	None	-	-	3311684	SEVEN PALMS VALLEY	Mapped	Community - Terrestrial - Desert Fan Palm Oasis Woodland
Community - Terrestrial	Mesquite Bosque	Mesquite Bosque	CTT61820CA	None	None	-	-	3311685	DESERT HOT SPRINGS	Mapped	Community - Terrestrial - Mesquite Bosque
Community - Terrestrial	Southern Riparian Forest	Southern Riparian Forest	CTT61300CA	None	None	-	-	3311675	PALM SPRINGS	Mapped	Community - Terrestrial - Southern Riparian Forest
Plants - Vascular	Yucca brevifolia	western Joshua tree	PMAGA0B071	None	Candidate Threatened	-	-	3311683	EAST DECEPTION CANYON	Unprocessed	Plants - Vascular - Agavaceae - Yucca brevifolia
Plants - Vascular	Allium atrorubens var. cristatum	Inyo onion	PMLIL02063	None	None	-	4.3	3311683	EAST DECEPTION CANYON	Unprocessed	Plants - Vascular - Alliaceae - Allium atrorubens var. cristatum
Plants - Vascular	Matelea parvifolia	spear-leaf matelea	PDASC0A0J0	None	None	-	2B.3	3311663	LA QUINTA	Mapped	Plants - Vascular - Apocynaceae - Matelea parvifolia
Plants - Vascular	Matelea parvifolia	spear-leaf matelea	PDASC0A0J0	None	None	-	2B.3	3311664	RANCHO MIRAGE	Mapped	Plants - Vascular - Apocynaceae - Matelea parvifolia

Plants - Vascular	Almutaster pauciflorus	alkali marsh aster	PDASTEL010	None	None	-	2B.2	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Asteraceae - Almutaster pauciflorus
Plants - Vascular	Almutaster pauciflorus	alkali marsh aster	PDASTEL010	None	None	-	2B.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Asteraceae - Almutaster pauciflorus
Plants - Vascular	Ambrosia monogyra	singlewhorl burrobrush	PDAST50010	None	None	-	2B.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Asteraceae - Ambrosia monogyra
Plants - Vascular	Chaenactis parishii	Parish's chaenactis	PDAST200D0	None	None	-	1B.3	3311665	PALM VIEW PEAK	Mapped and Unprocessed	Plants - Vascular - Asteraceae - Chaenactis parishii
Plants - Vascular	Deinandra mohavensis	Mojave tarplant	PDAST4R0K0	None	Endangered	-	1B.3	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Asteraceae - Deinandra mohavensis
Plants - Vascular	Erigeron parishii	Parish's daisy	PDAST3M310	Threatened	None	-	1B.1	3311683	EAST DECEPTION CANYON	Mapped	Plants - Vascular - Asteraceae - Erigeron parishii
Plants - Vascular	Hulsea vestita ssp. callicarpa	beautiful hulsea	PDAST4Z074	None	None	-	4.2	3311675	PALM SPRINGS	Unprocessed	Plants - Vascular - Asteraceae - Hulsea vestita ssp. callicarpa
Plants - Vascular	Hulsea vestita ssp. callicarpa	beautiful hulsea	PDAST4Z074	None	None	-	4.2	3311665	PALM VIEW PEAK	Unprocessed	Plants - Vascular - Asteraceae - Hulsea vestita ssp. callicarpa
Plants - Vascular	Pentachaeta aurea ssp. aurea	golden-rayed pentachaeta	PDAST6X022	None	None	-	4.2	3311665	PALM VIEW PEAK	Unprocessed	Plants - Vascular - Asteraceae - Pentachaeta aurea ssp. aurea
Plants - Vascular	Syntrichopappus lemmonii	Lemmon's syntrichopappus	PDAST90020	None	None	-	4.3	3311665	PALM VIEW PEAK	Unprocessed	Plants - Vascular - Asteraceae - Syntrichopappus lemmonii
Plants - Vascular	Xylorhiza cognata	Mecca-aster	PDASTA1010	None	None	-	1B.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Asteraceae - Xylorhiza cognata
Plants - Vascular	Xylorhiza cognata	Mecca-aster	PDASTA1010	None	None	-	1B.2	3311673	MYOMA	Mapped	Plants - Vascular - Asteraceae - Xylorhiza cognata
Plants - Vascular	Johnstonella costata	ribbed cryptantha	PDBOR0A0M0	None	None	-	4.3	3311673	MYOMA	Unprocessed	Plants - Vascular - Boraginaceae - Johnstonella costata
Plants - Vascular	Johnstonella costata	ribbed cryptantha	PDBOR0A0M0	None	None	-	4.3	3311674	CATHEDRAL CITY	Unprocessed	Plants - Vascular - Boraginaceae - Johnstonella costata
Plants - Vascular	Johnstonella costata	ribbed cryptantha	PDBOR0A0M0	None	None	-	4.3	3311675	PALM SPRINGS	Unprocessed	Plants - Vascular - Boraginaceae - Johnstonella costata
Plants - Vascular	Johnstonella costata	ribbed cryptantha	PDBOR0A0M0	None	None	-	4.3	3311665	PALM VIEW PEAK	Unprocessed	Plants - Vascular - Boraginaceae - Johnstonella costata
Plants - Vascular	Johnstonella costata	ribbed cryptantha	PDBOR0A0M0	None	None	-	4.3	3311663	LA QUINTA	Unprocessed	Plants - Vascular - Boraginaceae - Johnstonella costata
Plants - Vascular	Johnstonella holoptera	winged cryptantha	PDBOR0A180	None	None	-	4.3	3311663	LA QUINTA	Unprocessed	Plants - Vascular - Boraginaceae - Johnstonella holoptera
Plants - Vascular	Johnstonella holoptera	winged cryptantha	PDBOR0A180	None	None	-	4.3	3311664	RANCHO MIRAGE	Unprocessed	Plants - Vascular - Boraginaceae - Johnstonella holoptera
Plants - Vascular	Johnstonella holoptera	winged cryptantha	PDBOR0A180	None	None	-	4.3	3311675	PALM SPRINGS	Unprocessed	Plants - Vascular - Boraginaceae - Johnstonella holoptera

Plants - Vascular	Johnstonella holoptera	winged cryptantha	PDBOR0A180	None	None	-	4.3	3311674	CATHEDRAL CITY	Unprocessed	Plants - Vascular - Boraginaceae - Johnstonella holoptera
Plants - Vascular	Boechera johnstonii	Johnston's rockcress	PDBRA060Y0	None	None	-	1B.2	3311665	PALM VIEW PEAK	Mapped and Unprocessed	Plants - Vascular - Brassicaceae - Boechera johnstonii
Plants - Vascular	Caulanthus simulans	Payson's jewelflower	PDBRA0M0H0	None	None	-	4.2	3311665	PALM VIEW PEAK	Unprocessed	Plants - Vascular - Brassicaceae - Caulanthus simulans
Plants - Vascular	Caulanthus simulans	Payson's jewelflower	PDBRA0M0H0	None	None	-	4.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Brassicaceae - Caulanthus simulans
Plants - Vascular	Streptanthus campestris	southern jewelflower	PDBRA2G0B0	None	None	-	1B.3	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Brassicaceae - Streptanthus campestris
Plants - Vascular	Streptanthus campestris	southern jewelflower	PDBRA2G0B0	None	None	-	1B.3	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Brassicaceae - Streptanthus campestris
Plants - Vascular	Thysanocarpus rigidus	rigid fringe-pod	PDBRA2Q070	None	None	-	1B.2	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Brassicaceae - Thysanocarpus rigidus
Plants - Vascular	Atriplex parishii	Parish's brittle-scale	PDCHE041D0	None	None	-	1B.1	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Chenopodiaceae - Atriplex parishii
Plants - Vascular	Cuscuta californica var. apiculata	pointed dodder	PDCUS01071	None	None	-	3	3311674	CATHEDRAL CITY	Unprocessed	Plants - Vascular - Convolvulaceae - Cuscuta californica var. apiculata
Plants - Vascular	Ditaxis claryana	glandular ditaxis	PDEUP080L0	None	None	-	2B.2	3311664	RANCHO MIRAGE	Mapped	Plants - Vascular - Euphorbiaceae - Ditaxis claryana
Plants - Vascular	Ditaxis claryana	glandular ditaxis	PDEUP080L0	None	None	-	2B.2	3311663	LA QUINTA	Mapped	Plants - Vascular - Euphorbiaceae - Ditaxis claryana
Plants - Vascular	Ditaxis serrata var. californica	California ditaxis	PDEUP08050	None	None	-	3.2	3311663	LA QUINTA	Mapped	Plants - Vascular - Euphorbiaceae - Ditaxis serrata var. californica
Plants - Vascular	Euphorbia abramsiana	Abrams' spurge	PDEUP0D010	None	None	-	2B.2	3311664	RANCHO MIRAGE	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia abramsiana
Plants - Vascular	Euphorbia abramsiana	Abrams' spurge	PDEUP0D010	None	None	-	2B.2	3311673	MYOMA	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia abramsiana
Plants - Vascular	Euphorbia arizonica	Arizona spurge	PDEUP0D060	None	None	-	2B.3	3311673	MYOMA	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia arizonica
Plants - Vascular	Euphorbia arizonica	Arizona spurge	PDEUP0D060	None	None	-	2B.3	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia arizonica
Plants - Vascular	Euphorbia arizonica	Arizona spurge	PDEUP0D060	None	None	-	2B.3	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia arizonica
Plants - Vascular	Euphorbia arizonica	Arizona spurge	PDEUP0D060	None	None	-	2B.3	3311683	EAST DECEPTION CANYON	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia arizonica
Plants - Vascular	Euphorbia arizonica	Arizona spurge	PDEUP0D060	None	None	-	2B.3	3311684	SEVEN PALMS VALLEY	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia arizonica
Plants - Vascular	Euphorbia arizonica	Arizona spurge	PDEUP0D060	None	None	-	2B.3	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia arizonica

Plants - Vascular	Euphorbia misera	cliff spurge	PDEUP0Q1B0	None	None	-	2B.2	3311685	DESERT HOT SPRINGS	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia misera
Plants - Vascular	Euphorbia platysperma	flat-seeded spurge	PDEUP0D1X0	None	None	-	1B.2	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia platysperma
Plants - Vascular	Euphorbia platysperma	flat-seeded spurge	PDEUP0D1X0	None	None	-	1B.2	3311673	MYOMA	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia platysperma
Plants - Vascular	Acmispon haydonii	pygmy lotus	PDFAB2A0H0	None	None	-	1B.3	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Fabaceae - Acmispon haydonii
Plants - Vascular	Astragalus bernardinus	San Bernardino milk-vetch	PDFAB0F190	None	None	-	1B.2	3311683	EAST DECEPTION CANYON	Mapped	Plants - Vascular - Fabaceae - Astragalus bernardinus
Plants - Vascular	Astragalus hornii var. hornii	Horn's milk-vetch	PDFAB0F421	None	None	-	1B.1	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Fabaceae - Astragalus hornii var. hornii
Plants - Vascular	Astragalus hornii var. hornii	Horn's milk-vetch	PDFAB0F421	None	None	-	1B.1	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Fabaceae - Astragalus hornii var. hornii
Plants - Vascular	Astragalus hornii var. hornii	Horn's milk-vetch	PDFAB0F421	None	None	-	1B.1	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Fabaceae - Astragalus hornii var. hornii
Plants - Vascular	Astragalus hornii var. hornii	Horn's milk-vetch	PDFAB0F421	None	None	-	1B.1	3311664	RANCHO MIRAGE	Mapped	Plants - Vascular - Fabaceae - Astragalus hornii var. hornii
Plants - Vascular	Astragalus lentiginosus var. borreganus	Borrego milk-vetch	PDFAB0FB95	None	None	-	4.3	3311663	LA QUINTA	Unprocessed	Plants - Vascular - Fabaceae - Astragalus lentiginosus var. borreganus
Plants - Vascular	Astragalus lentiginosus var. borreganus	Borrego milk-vetch	PDFAB0FB95	None	None	-	4.3	3311674	CATHEDRAL CITY	Unprocessed	Plants - Vascular - Fabaceae - Astragalus lentiginosus var. borreganus
Plants - Vascular	Astragalus lentiginosus var. borreganus	Borrego milk-vetch	PDFAB0FB95	None	None	-	4.3	3311673	MYOMA	Unprocessed	Plants - Vascular - Fabaceae - Astragalus lentiginosus var. borreganus
Plants - Vascular	Astragalus lentiginosus var. coachellae	Coachella Valley milk-vetch	PDFAB0FB97	Endangered	None	-	1B.2	3311673	MYOMA	Mapped	Plants - Vascular - Fabaceae - Astragalus lentiginosus var. coachellae
Plants - Vascular	Astragalus lentiginosus var. coachellae	Coachella Valley milk-vetch	PDFAB0FB97	Endangered	None	-	1B.2	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Fabaceae - Astragalus lentiginosus var. coachellae
Plants - Vascular	Astragalus lentiginosus var. coachellae	Coachella Valley milk-vetch	PDFAB0FB97	Endangered	None	-	1B.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Fabaceae - Astragalus lentiginosus var. coachellae
Plants - Vascular	Astragalus lentiginosus var. coachellae	Coachella Valley milk-vetch	PDFAB0FB97	Endangered	None	-	1B.2	3311684	SEVEN PALMS VALLEY	Mapped	Plants - Vascular - Fabaceae - Astragalus lentiginosus var. coachellae
Plants - Vascular	Astragalus lentiginosus var. coachellae	Coachella Valley milk-vetch	PDFAB0FB97	Endangered	None	-	1B.2	3311685	DESERT HOT SPRINGS	Mapped	Plants - Vascular - Fabaceae - Astragalus lentiginosus var. coachellae
Plants - Vascular	Astragalus lentiginosus var. coachellae	Coachella Valley milk-vetch	PDFAB0FB97	Endangered	None	-	1B.2	3311663	LA QUINTA	Mapped	Plants - Vascular - Fabaceae - Astragalus lentiginosus var. coachellae

Plants - Vascular	<i>Astragalus preussii</i> var. <i>laxiflorus</i>	Lancaster milk-vetch	PDFAB0F721	None	None	-	1B.1	3311663	LA QUINTA	Mapped	Plants - Vascular - Fabaceae - <i>Astragalus preussii</i> var. <i>laxiflorus</i>
Plants - Vascular	<i>Astragalus tricarinatus</i>	triple-ribbed milk-vetch	PDFAB0F920	Endangered	None	-	1B.2	3311685	DESERT HOT SPRINGS	Mapped	Plants - Vascular - Fabaceae - <i>Astragalus tricarinatus</i>
Plants - Vascular	<i>Astragalus tricarinatus</i>	triple-ribbed milk-vetch	PDFAB0F920	Endangered	None	-	1B.2	3311683	EAST DECEPTION CANYON	Mapped and Unprocessed	Plants - Vascular - Fabaceae - <i>Astragalus tricarinatus</i>
Plants - Vascular	<i>Astragalus tricarinatus</i>	triple-ribbed milk-vetch	PDFAB0F920	Endangered	None	-	1B.2	3311673	MYOMA	Mapped and Unprocessed	Plants - Vascular - Fabaceae - <i>Astragalus tricarinatus</i>
Plants - Vascular	<i>Marina orcuttii</i> var. <i>orcuttii</i>	California marina	PDFAB2F031	None	None	-	1B.3	3311663	LA QUINTA	Mapped	Plants - Vascular - Fabaceae - <i>Marina orcuttii</i> var. <i>orcuttii</i>
Plants - Vascular	<i>Marina orcuttii</i> var. <i>orcuttii</i>	California marina	PDFAB2F031	None	None	-	1B.3	3311664	RANCHO MIRAGE	Mapped	Plants - Vascular - Fabaceae - <i>Marina orcuttii</i> var. <i>orcuttii</i>
Plants - Vascular	<i>Senna covesii</i>	Cove's cassia	PDFAB491X0	None	None	-	2B.2	3311664	RANCHO MIRAGE	Mapped	Plants - Vascular - Fabaceae - <i>Senna covesii</i>
Plants - Vascular	<i>Juncus acutus</i> ssp. <i>leopoldii</i>	southwestern spiny rush	PMJUN01051	None	None	-	4.2	3311665	PALM VIEW PEAK	Unprocessed	Plants - Vascular - Juncaceae - <i>Juncus acutus</i> ssp. <i>leopoldii</i>
Plants - Vascular	<i>Juncus acutus</i> ssp. <i>leopoldii</i>	southwestern spiny rush	PMJUN01051	None	None	-	4.2	3311673	MYOMA	Unprocessed	Plants - Vascular - Juncaceae - <i>Juncus acutus</i> ssp. <i>leopoldii</i>
Plants - Vascular	<i>Juncus acutus</i> ssp. <i>leopoldii</i>	southwestern spiny rush	PMJUN01051	None	None	-	4.2	3311675	PALM SPRINGS	Unprocessed	Plants - Vascular - Juncaceae - <i>Juncus acutus</i> ssp. <i>leopoldii</i>
Plants - Vascular	<i>Juncus cooperi</i>	Cooper's rush	PMJUN010T0	None	None	-	4.3	3311673	MYOMA	Unprocessed	Plants - Vascular - Juncaceae - <i>Juncus cooperi</i>
Plants - Vascular	<i>Juncus cooperi</i>	Cooper's rush	PMJUN010T0	None	None	-	4.3	3311665	PALM VIEW PEAK	Unprocessed	Plants - Vascular - Juncaceae - <i>Juncus cooperi</i>
Plants - Vascular	<i>Calochortus palmeri</i> var. <i>munzii</i>	San Jacinto mariposa-lily	PMLIL0D121	None	None	-	1B.2	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Liliaceae - <i>Calochortus palmeri</i> var. <i>munzii</i>
Plants - Vascular	<i>Calochortus palmeri</i> var. <i>munzii</i>	San Jacinto mariposa-lily	PMLIL0D121	None	None	-	1B.2	3311664	RANCHO MIRAGE	Mapped	Plants - Vascular - Liliaceae - <i>Calochortus palmeri</i> var. <i>munzii</i>
Plants - Vascular	<i>Lilium parryi</i>	lemon lily	PMLIL1A0J0	None	None	-	1B.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Liliaceae - <i>Lilium parryi</i>
Plants - Vascular	<i>Mentzelia tricuspis</i>	spiny-hair blazing star	PDLOA031T0	None	None	-	2B.1	3311685	DESERT HOT SPRINGS	Mapped	Plants - Vascular - Loasaceae - <i>Mentzelia tricuspis</i>
Plants - Vascular	<i>Petalonyx linearis</i>	narrow-leaf sandpaper-plant	PDLOA04010	None	None	-	2B.3	3311683	EAST DECEPTION CANYON	Mapped	Plants - Vascular - Loasaceae - <i>Petalonyx linearis</i>
Plants - Vascular	<i>Petalonyx linearis</i>	narrow-leaf sandpaper-plant	PDLOA04010	None	None	-	2B.3	3311673	MYOMA	Mapped	Plants - Vascular - Loasaceae - <i>Petalonyx linearis</i>
Plants - Vascular	<i>Petalonyx linearis</i>	narrow-leaf sandpaper-plant	PDLOA04010	None	None	-	2B.3	3311664	RANCHO MIRAGE	Mapped	Plants - Vascular - Loasaceae - <i>Petalonyx linearis</i>
Plants - Vascular	<i>Ayenia compacta</i>	California ayenia	PDSTE01020	None	None	-	2B.3	3311664	RANCHO MIRAGE	Mapped	Plants - Vascular - Malvaceae - <i>Ayenia compacta</i>
Plants - Vascular	<i>Ayenia compacta</i>	California ayenia	PDSTE01020	None	None	-	2B.3	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Malvaceae - <i>Ayenia compacta</i>
Plants - Vascular	<i>Ayenia compacta</i>	California ayenia	PDSTE01020	None	None	-	2B.3	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Malvaceae - <i>Ayenia compacta</i>

Plants - Vascular	Horsfordia alata	pink velvet-mallow	PDMAL0J010	None	None	-	4.3	3311663	LA QUINTA	Unprocessed	Plants - Vascular - Malvaceae - Horsfordia alata
Plants - Vascular	Horsfordia newberryi	Newberry's velvet-mallow	PDMAL0J020	None	None	-	4.3	3311675	PALM SPRINGS	Unprocessed	Plants - Vascular - Malvaceae - Horsfordia newberryi
Plants - Vascular	Abronia villosa var. aurita	chaparral sand-verbena	PDNYC010P1	None	None	-	1B.1	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Nyctaginaceae - Abronia villosa var. aurita
Plants - Vascular	Abronia villosa var. aurita	chaparral sand-verbena	PDNYC010P1	None	None	-	1B.1	3311673	MYOMA	Mapped	Plants - Vascular - Nyctaginaceae - Abronia villosa var. aurita
Plants - Vascular	Abronia villosa var. aurita	chaparral sand-verbena	PDNYC010P1	None	None	-	1B.1	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Nyctaginaceae - Abronia villosa var. aurita
Plants - Vascular	Abronia villosa var. aurita	chaparral sand-verbena	PDNYC010P1	None	None	-	1B.1	3311683	EAST DECEPTION CANYON	Mapped	Plants - Vascular - Nyctaginaceae - Abronia villosa var. aurita
Plants - Vascular	Abronia villosa var. aurita	chaparral sand-verbena	PDNYC010P1	None	None	-	1B.1	3311685	DESERT HOT SPRINGS	Unprocessed	Plants - Vascular - Nyctaginaceae - Abronia villosa var. aurita
Plants - Vascular	Abronia villosa var. aurita	chaparral sand-verbena	PDNYC010P1	None	None	-	1B.1	3311663	LA QUINTA	Mapped	Plants - Vascular - Nyctaginaceae - Abronia villosa var. aurita
Plants - Vascular	Abronia villosa var. aurita	chaparral sand-verbena	PDNYC010P1	None	None	-	1B.1	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Nyctaginaceae - Abronia villosa var. aurita
Plants - Vascular	Eremothera boothii ssp. boothii	Booth's evening-primrose	PDONA03052	None	None	-	2B.3	3311683	EAST DECEPTION CANYON	Mapped	Plants - Vascular - Onagraceae - Eremothera boothii ssp. boothii
Plants - Vascular	Eremothera boothii ssp. boothii	Booth's evening-primrose	PDONA03052	None	None	-	2B.3	3311673	MYOMA	Mapped	Plants - Vascular - Onagraceae - Eremothera boothii ssp. boothii
Plants - Vascular	Eschscholzia androuxii	Joshua Tree poppy	PDPAP0A0E0	None	None	-	4.3	3311673	MYOMA	Unprocessed	Plants - Vascular - Papaveraceae - Eschscholzia androuxii
Plants - Vascular	Eschscholzia androuxii	Joshua Tree poppy	PDPAP0A0E0	None	None	-	4.3	3311683	EAST DECEPTION CANYON	Unprocessed	Plants - Vascular - Papaveraceae - Eschscholzia androuxii
Plants - Vascular	Eschscholzia androuxii	Joshua Tree poppy	PDPAP0A0E0	None	None	-	4.3	3311685	DESERT HOT SPRINGS	Unprocessed	Plants - Vascular - Papaveraceae - Eschscholzia androuxii
Plants - Vascular	Erythranthe diffusa	Palomar monkeyflower	PDSCR1B0Z0	None	None	-	4.3	3311664	RANCHO MIRAGE	Unprocessed	Plants - Vascular - Phrymaceae - Erythranthe diffusa
Plants - Vascular	Penstemon californicus	California beardtongue	PDSCR1L110	None	None	-	1B.2	3311665	PALM VIEW PEAK	Mapped and Unprocessed	Plants - Vascular - Plantaginaceae - Penstemon californicus
Plants - Vascular	Penstemon clevelandii var. connatus	San Jacinto beardtongue	PDSCR1L1D2	None	None	-	4.3	3311675	PALM SPRINGS	Unprocessed	Plants - Vascular - Plantaginaceae - Penstemon clevelandii var. connatus
Plants - Vascular	Pseudorontium cyathiferum	Deep Canyon snapdragon	PDSCR2R010	None	None	-	2B.3	3311663	LA QUINTA	Mapped	Plants - Vascular - Plantaginaceae - Pseudorontium cyathiferum
Plants - Vascular	Stemodia durantifolia	purple stemodia	PDSCR1U010	None	None	-	2B.1	3311664	RANCHO MIRAGE	Mapped	Plants - Vascular - Plantaginaceae - Stemodia durantifolia

Plants - Vascular	<i>Stemodia durantifolia</i>	purple stemodia	PDSCR1U010	None	None	-	2B.1	3311663	LA QUINTA	Mapped	Plants - Vascular - Plantaginaceae - <i>Stemodia durantifolia</i>
Plants - Vascular	<i>Stemodia durantifolia</i>	purple stemodia	PDSCR1U010	None	None	-	2B.1	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Plantaginaceae - <i>Stemodia durantifolia</i>
Plants - Vascular	<i>Stemodia durantifolia</i>	purple stemodia	PDSCR1U010	None	None	-	2B.1	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Plantaginaceae - <i>Stemodia durantifolia</i>
Plants - Vascular	<i>Stemodia durantifolia</i>	purple stemodia	PDSCR1U010	None	None	-	2B.1	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Plantaginaceae - <i>Stemodia durantifolia</i>
Plants - Vascular	<i>Imperata brevifolia</i>	California satintail	PMPOA3D020	None	None	-	2B.1	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Poaceae - <i>Imperata brevifolia</i>
Plants - Vascular	<i>Eriastrum harwoodii</i>	Harwood's eriastrum	PDPLM030B1	None	None	-	1B.2	3311685	DESERT HOT SPRINGS	Mapped	Plants - Vascular - Polemoniaceae - <i>Eriastrum harwoodii</i>
Plants - Vascular	<i>Linanthus jaegeri</i>	San Jacinto linanthus	PDPLM08030	None	None	-	1B.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Polemoniaceae - <i>Linanthus jaegeri</i>
Plants - Vascular	<i>Linanthus maculatus</i> ssp. <i>maculatus</i>	Little San Bernardino Mtns. linanthus	PDPLM041Y1	None	None	-	1B.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Polemoniaceae - <i>Linanthus maculatus</i> ssp. <i>maculatus</i>
Plants - Vascular	<i>Linanthus maculatus</i> ssp. <i>maculatus</i>	Little San Bernardino Mtns. linanthus	PDPLM041Y1	None	None	-	1B.2	3311685	DESERT HOT SPRINGS	Mapped	Plants - Vascular - Polemoniaceae - <i>Linanthus maculatus</i> ssp. <i>maculatus</i>
Plants - Vascular	<i>Linanthus maculatus</i> ssp. <i>maculatus</i>	Little San Bernardino Mtns. linanthus	PDPLM041Y1	None	None	-	1B.2	3311684	SEVEN PALMS VALLEY	Mapped	Plants - Vascular - Polemoniaceae - <i>Linanthus maculatus</i> ssp. <i>maculatus</i>
Plants - Vascular	<i>Saltugilia latimeri</i>	Latimer's woodland-gilia	PDPLM0H010	None	None	-	1B.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Polemoniaceae - <i>Saltugilia latimeri</i>
Plants - Vascular	<i>Chorizanthe leptotheca</i>	Peninsular spineflower	PDPGN040D0	None	None	-	4.2	3311664	RANCHO MIRAGE	Unprocessed	Plants - Vascular - Polygonaceae - <i>Chorizanthe leptotheca</i>
Plants - Vascular	<i>Chorizanthe leptotheca</i>	Peninsular spineflower	PDPGN040D0	None	None	-	4.2	3311663	LA QUINTA	Unprocessed	Plants - Vascular - Polygonaceae - <i>Chorizanthe leptotheca</i>
Plants - Vascular	<i>Chorizanthe parryi</i> var. <i>parryi</i>	Parry's spineflower	PDPGN040J2	None	None	-	1B.1	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Polygonaceae - <i>Chorizanthe parryi</i> var. <i>parryi</i>
Plants - Vascular	<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	long-spined spineflower	PDPGN040K1	None	None	-	1B.2	3311665	PALM VIEW PEAK	Mapped and Unprocessed	Plants - Vascular - Polygonaceae - <i>Chorizanthe polygonoides</i> var. <i>longispina</i>
Plants - Vascular	<i>Chorizanthe xanti</i> var. <i>leucotheca</i>	white-bracted spineflower	PDPGN040Z1	None	None	-	1B.2	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Polygonaceae - <i>Chorizanthe xanti</i> var. <i>leucotheca</i>
Plants - Vascular	<i>Chorizanthe xanti</i> var. <i>leucotheca</i>	white-bracted spineflower	PDPGN040Z1	None	None	-	1B.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Polygonaceae - <i>Chorizanthe xanti</i> var. <i>leucotheca</i>
Plants - Vascular	<i>Chorizanthe xanti</i> var. <i>leucotheca</i>	white-bracted spineflower	PDPGN040Z1	None	None	-	1B.2	3311685	DESERT HOT SPRINGS	Mapped	Plants - Vascular - Polygonaceae - <i>Chorizanthe xanti</i> var. <i>leucotheca</i>
Plants - Vascular	<i>Dodecahema leptoceras</i>	slender-horned spineflower	PDPGN0V010	Endangered	Endangered	-	1B.1	3311685	DESERT HOT SPRINGS	Mapped	Plants - Vascular - Polygonaceae - <i>Dodecahema leptoceras</i>

Plants - Vascular	<i>Nemacaulis denudata</i> var. <i>gracilis</i>	slender cottonheads	PDPGN0G012	None	None	-	2B.2	3311685	DESERT HOT SPRINGS	Mapped	Plants - Vascular - Polygonaceae - <i>Nemacaulis denudata</i> var. <i>gracilis</i>
Plants - Vascular	<i>Nemacaulis denudata</i> var. <i>gracilis</i>	slender cottonheads	PDPGN0G012	None	None	-	2B.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Polygonaceae - <i>Nemacaulis denudata</i> var. <i>gracilis</i>
Plants - Vascular	<i>Nemacaulis denudata</i> var. <i>gracilis</i>	slender cottonheads	PDPGN0G012	None	None	-	2B.2	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Plants - Vascular - Polygonaceae - <i>Nemacaulis denudata</i> var. <i>gracilis</i>
Plants - Vascular	<i>Nemacaulis denudata</i> var. <i>gracilis</i>	slender cottonheads	PDPGN0G012	None	None	-	2B.2	3311663	LA QUINTA	Mapped	Plants - Vascular - Polygonaceae - <i>Nemacaulis denudata</i> var. <i>gracilis</i>
Plants - Vascular	<i>Sidotheca caryophylloides</i>	chickweed oxytheca	PDPGN0J010	None	None	-	4.3	3311665	PALM VIEW PEAK	Unprocessed	Plants - Vascular - Polygonaceae - <i>Sidotheca caryophylloides</i>
Plants - Vascular	<i>Sidotheca emarginata</i>	white-margined oxytheca	PDPGN0J030	None	None	-	1B.3	3311665	PALM VIEW PEAK	Mapped and Unprocessed	Plants - Vascular - Polygonaceae - <i>Sidotheca emarginata</i>
Plants - Vascular	<i>Galium angustifolium</i> ssp. <i>gracillimum</i>	slender bedstraw	PDRUB0N04B	None	None	-	4.2	3311675	PALM SPRINGS	Unprocessed	Plants - Vascular - Rubiaceae - <i>Galium angustifolium</i> ssp. <i>gracillimum</i>
Plants - Vascular	<i>Galium angustifolium</i> ssp. <i>gracillimum</i>	slender bedstraw	PDRUB0N04B	None	None	-	4.2	3311684	SEVEN PALMS VALLEY	Unprocessed	Plants - Vascular - Rubiaceae - <i>Galium angustifolium</i> ssp. <i>gracillimum</i>
Plants - Vascular	<i>Galium angustifolium</i> ssp. <i>gracillimum</i>	slender bedstraw	PDRUB0N04B	None	None	-	4.2	3311683	EAST DECEPTION CANYON	Unprocessed	Plants - Vascular - Rubiaceae - <i>Galium angustifolium</i> ssp. <i>gracillimum</i>
Plants - Vascular	<i>Galium johnstonii</i>	Johnston's bedstraw	PDRUB0N140	None	None	-	4.3	3311685	DESERT HOT SPRINGS	Unprocessed	Plants - Vascular - Rubiaceae - <i>Galium johnstonii</i>
Plants - Vascular	<i>Heuchera hirsutissima</i>	shaggy-haired alumroot	PDSAX0E0J0	None	None	-	1B.3	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Saxifragaceae - <i>Heuchera hirsutissima</i>
Plants - Vascular	<i>Heuchera hirsutissima</i>	shaggy-haired alumroot	PDSAX0E0J0	None	None	-	1B.3	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Saxifragaceae - <i>Heuchera hirsutissima</i>
Plants - Vascular	<i>Selaginella eremophila</i>	desert spike-moss	PPSEL010G0	None	None	-	2B.2	3311665	PALM VIEW PEAK	Mapped	Plants - Vascular - Selaginellaceae - <i>Selaginella eremophila</i>
Plants - Vascular	<i>Selaginella eremophila</i>	desert spike-moss	PPSEL010G0	None	None	-	2B.2	3311663	LA QUINTA	Mapped	Plants - Vascular - Selaginellaceae - <i>Selaginella eremophila</i>
Plants - Vascular	<i>Selaginella eremophila</i>	desert spike-moss	PPSEL010G0	None	None	-	2B.2	3311664	RANCHO MIRAGE	Mapped	Plants - Vascular - Selaginellaceae - <i>Selaginella eremophila</i>
Plants - Vascular	<i>Selaginella eremophila</i>	desert spike-moss	PPSEL010G0	None	None	-	2B.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Selaginellaceae - <i>Selaginella eremophila</i>
Plants - Vascular	<i>Selaginella eremophila</i>	desert spike-moss	PPSEL010G0	None	None	-	2B.2	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Selaginellaceae - <i>Selaginella eremophila</i>
Plants - Vascular	<i>Selaginella eremophila</i>	desert spike-moss	PPSEL010G0	None	None	-	2B.2	3311685	DESERT HOT SPRINGS	Mapped	Plants - Vascular - Selaginellaceae - <i>Selaginella eremophila</i>

Plants - Vascular	Selaginella eremophila	desert spike-moss	PPSEL010G0	None	None	-	2B.2	3311683	EAST DECEPTION CANYON	Mapped	Plants - Vascular - Selaginellaceae - Selaginella eremophila
Plants - Vascular	Selaginella eremophila	desert spike-moss	PPSEL010G0	None	None	-	2B.2	3311684	SEVEN PALMS VALLEY	Mapped	Plants - Vascular - Selaginellaceae - Selaginella eremophila
Plants - Vascular	Lycium torreyi	Torrey's box-thorn	PDSOL0G0K0	None	None	-	4.2	3311674	CATHEDRAL CITY	Unprocessed	Plants - Vascular - Solanaceae - Lycium torreyi
Plants - Vascular	Lycium torreyi	Torrey's box-thorn	PDSOL0G0K0	None	None	-	4.2	3311673	MYOMA	Unprocessed	Plants - Vascular - Solanaceae - Lycium torreyi
Plants - Vascular	Lycium torreyi	Torrey's box-thorn	PDSOL0G0K0	None	None	-	4.2	3311675	PALM SPRINGS	Unprocessed	Plants - Vascular - Solanaceae - Lycium torreyi
Plants - Vascular	Lycium torreyi	Torrey's box-thorn	PDSOL0G0K0	None	None	-	4.2	3311665	PALM VIEW PEAK	Unprocessed	Plants - Vascular - Solanaceae - Lycium torreyi
Plants - Vascular	Thelypteris puberula var. sonorensis	Sonoran maiden fern	PPTHE05192	None	None	-	2B.2	3311675	PALM SPRINGS	Mapped	Plants - Vascular - Thelypteridaceae - Thelypteris puberula var. sonorensis
Plants - Vascular	Aloysia wrightii	Wright's beebrush	PDVER02040	None	None	-	4.3	3311685	DESERT HOT SPRINGS	Unprocessed	Plants - Vascular - Verbenaceae - Aloysia wrightii



APPENDIX B.2

CNDDDB Cathedral City Quadrangle Search

CNDDDB Quad Species List 30 records.

Element Type	Scientific Name	Common Name	Element Code	Federal Status	State Status	CDFW Status	CA Rare Plant Rank	Quad Code	Quad Name	Data Status	Taxonomic Sort
Animals - Birds	<i>Falco mexicanus</i>	prairie falcon	ABNKD06090	None	None	WL	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Birds - Falconidae - <i>Falco mexicanus</i>
Animals - Birds	<i>Lanius ludovicianus</i>	loggerhead shrike	ABPBR01030	None	None	SSC	-	3311674	CATHEDRAL CITY	Unprocessed	Animals - Birds - Laniidae - <i>Lanius ludovicianus</i>
Animals - Birds	<i>Toxostoma lecontei</i>	Le Conte's thrasher	ABPBK06100	None	None	SSC	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Birds - Mimidae - <i>Toxostoma lecontei</i>
Animals - Birds	<i>Polioptila californica californica</i>	coastal California gnatcatcher	ABPBJ08081	Threatened	None	SSC	-	3311674	CATHEDRAL CITY	Mapped	Animals - Birds - Polioptilidae - <i>Polioptila californica californica</i>
Animals - Birds	<i>Athene cunicularia</i>	burrowing owl	ABNSB10010	None	None	SSC	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Birds - Strigidae - <i>Athene cunicularia</i>
Animals - Insects	<i>Habropoda pallida</i>	white faced bee	IIHYM88010	None	None	-	-	3311674	CATHEDRAL CITY	Unprocessed	Animals - Insects - Apidae - <i>Habropoda pallida</i>
Animals - Insects	<i>Macrobaenetes valgum</i>	Coachella giant sand treader cricket	IIORT22020	None	None	-	-	3311674	CATHEDRAL CITY	Mapped	Animals - Insects - Rhaphidophoridae - <i>Macrobaenetes valgum</i>
Animals - Insects	<i>Dinacoma caseyi</i>	Casey's June beetle	IICOLX5010	Endangered	None	-	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Insects - Scarabaeidae - <i>Dinacoma caseyi</i>
Animals - Insects	<i>Stenopelmatus cahuilansensis</i>	Coachella Valley jerusalem cricket	IIORT26010	None	None	-	-	3311674	CATHEDRAL CITY	Mapped	Animals - Insects - Stenopelmatidae - <i>Stenopelmatus cahuilansensis</i>
Animals - Mammals	<i>Ovis canadensis nelsoni</i> pop. 2	Peninsular bighorn sheep DPS	AMALE04012	Endangered	Threatened	FP	-	3311674	CATHEDRAL CITY	Unprocessed	Animals - Mammals - Bovidae - <i>Ovis canadensis nelsoni</i> pop. 2
Animals - Mammals	<i>Perognathus longimembris bangsi</i>	Palm Springs pocket mouse	AMAFD01043	None	None	SSC	-	3311674	CATHEDRAL CITY	Unprocessed	Animals - Mammals - Heteromyidae - <i>Perognathus longimembris bangsi</i>
Animals - Mammals	<i>Xerospermophilus tereticaudus chlorus</i>	Palm Springs round-tailed ground squirrel	AMAFB05161	None	None	SSC	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Mammals - Sciuridae - <i>Xerospermophilus tereticaudus chlorus</i>
Animals - Mammals	<i>Lasiurus xanthinus</i>	western yellow bat	AMACC05070	None	None	SSC	-	3311674	CATHEDRAL CITY	Mapped	Animals - Mammals - Vespertilionidae - <i>Lasiurus xanthinus</i>
Animals - Reptiles	<i>Phrynosoma mcallii</i>	flat-tailed horned lizard	ARACF12040	None	None	SSC	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - <i>Phrynosoma mcallii</i>
Animals - Reptiles	<i>Uma inornata</i>	Coachella Valley fringe-toed lizard	ARACF15010	Threatened	Endangered	-	-	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - <i>Uma inornata</i>
Animals - Reptiles	<i>Crotalus ruber</i>	red-diamond rattlesnake	ARADE02090	None	None	SSC	-	3311674	CATHEDRAL CITY	Unprocessed	Animals - Reptiles - Viperidae - <i>Crotalus ruber</i>
Community - Terrestrial	Desert Fan Palm Oasis Woodland	Desert Fan Palm Oasis Woodland	CTT62300CA	None	None	-	-	3311674	CATHEDRAL CITY	Mapped	Community - Terrestrial - Desert Fan Palm Oasis Woodland

Plants - Vascular	Johnstonella costata	ribbed cryptantha	PDBOR0A0M0	None	None	-	4.3	3311674	CATHEDRAL CITY	Unprocessed	Plants - Vascular - Boraginaceae - Johnstonella costata
Plants - Vascular	Johnstonella holoptera	winged cryptantha	PDBOR0A180	None	None	-	4.3	3311674	CATHEDRAL CITY	Unprocessed	Plants - Vascular - Boraginaceae - Johnstonella holoptera
Plants - Vascular	Cuscuta californica var. apiculata	pointed dodder	PDCUS01071	None	None	-	3	3311674	CATHEDRAL CITY	Unprocessed	Plants - Vascular - Convolvulaceae - Cuscuta californica var. apiculata
Plants - Vascular	Euphorbia arizonica	Arizona spurge	PDEUP0D060	None	None	-	2B.3	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia arizonica
Plants - Vascular	Euphorbia platysperma	flat-seeded spurge	PDEUP0D1X0	None	None	-	1B.2	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Euphorbiaceae - Euphorbia platysperma
Plants - Vascular	Astragalus hornii var. hornii	Horn's milk-vetch	PDFAB0F421	None	None	-	1B.1	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Fabaceae - Astragalus hornii var. hornii
Plants - Vascular	Astragalus lentiginosus var. borreganus	Borrego milk-vetch	PDFAB0FB95	None	None	-	4.3	3311674	CATHEDRAL CITY	Unprocessed	Plants - Vascular - Fabaceae - Astragalus lentiginosus var. borreganus
Plants - Vascular	Astragalus lentiginosus var. coachellae	Coachella Valley milk-vetch	PDFAB0FB97	Endangered	None	-	1B.2	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Fabaceae - Astragalus lentiginosus var. coachellae
Plants - Vascular	Abronia villosa var. aurita	chaparral sand-verbena	PDNYC010P1	None	None	-	1B.1	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Nyctaginaceae - Abronia villosa var. aurita
Plants - Vascular	Stemodia durantifolia	purple stemodia	PDSCR1U010	None	None	-	2B.1	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Plantaginaceae - Stemodia durantifolia
Plants - Vascular	Nemacaulis denudata var. gracilis	slender cottonheads	PDPGN0G012	None	None	-	2B.2	3311674	CATHEDRAL CITY	Mapped and Unprocessed	Plants - Vascular - Polygonaceae - Nemacaulis denudata var. gracilis
Plants - Vascular	Selaginella eremophila	desert spike-moss	PPSEL010G0	None	None	-	2B.2	3311674	CATHEDRAL CITY	Mapped	Plants - Vascular - Selaginellaceae - Selaginella eremophila
Plants - Vascular	Lycium torreyi	Torrey's box-thorn	PDSOLOG0K0	None	None	-	4.2	3311674	CATHEDRAL CITY	Unprocessed	Plants - Vascular - Solanaceae - Lycium torreyi



APPENDIX B.3

JWC Findings Letter



JAMES W. CORNETT
ECOLOGICAL CONSULTANTS
(760) 320-8135

February 3, 2021

Julie Arthur
Executive Director of Facilities Planning & Development
Palm Springs Unified School District
150 District Center Drive
Palm Springs, California 92264

Dear Ms. Arthur:

On February 1, 2021, JWC Ecological Consultants conducted reconnaissance-level biological resource surveys at the Landau and Sunny Sands elementary school sites located in Cathedral City, Riverside County, California. The purpose of the surveys was to determine the likelihood that significant biological resources—sensitive or listed plant and animal species or sensitive habitats—were present on, or immediately adjacent to, the existing school sites. Such an evaluation was necessary as we understand the District intends to relocate, renovate, remove, or install classroom and associated facilities within the school site boundaries. In addition to the field surveys, we reviewed the available literature sources dealing with sensitive species presence in the region.

We found both school sites to be fully developed with buildings, playgrounds and regularly maintained lawns and landscaped areas covering the entire site. No natural and native plant communities existed within the school site boundaries. For these reasons, **we see no need or requirement to conduct comprehensive CEQA-level biological resource analyses on either site.**

However, as both school sites contain open, exposed lawn areas that are not used every day of the week by students or school staff, **we do recommend pre-construction burrowing owl surveys.** These surveys should be undertaken between 14 and 30 days prior to any kind of ground disturbance related to modifications to your facilities and properties. We recommend the surveys because burrowing owls can take up residence on open, exposed landscapes, whether natural or artificial, at any time. The expansive lawns of both school sites meet these criteria. The burrowing owl is a fully state and federally protected species under the Migratory Bird Treaty Act.

Please do not hesitate to contact me should you have any questions regarding our findings.

Sincerely,

A handwritten signature in black ink, appearing to read 'James W. Cornett', written over a light blue horizontal line.

James W. Cornett
Jwc/tb



APPENDIX B.4

Analysis of Protected Bird Species

ANALYSIS OF PROTECTED BIRD SPECIES

The Cornell Lab of Ornithology reference was reviewed for each of the following bird species that may have potential for occurring to assess the potential for impacts.¹

Coastal California gnatcatcher - The coastal California gnatcatcher (*Polioptila californica*) is a federally listed threatened species. The Project Site is developed and it is unlikely to see this species within the Project area since the coastal California gnatcatcher prefer coastal sagescrub habitat which does not exist on or near the school site; the landscaped area does not meet the criteria for potential coastal California gnatcatcher habitat. No coastal California gnatcatcher have been observed on the Project Site.

There would be no impacts to coastal California gnatcatcher habitat.

Swainson's hawk - The Swainson's hawk (*Buteo swainsoni*) is a State listed threatened species. The Project Site is developed and it is unlikely to see this species within the area. Although no natural and native plant communities exist within the Project Site boundaries, the potential still exists for Swainson's hawk to occur. The landscaped area of the Project Site including tall trees such as palms and eucalyptus meet the criteria for potential Swainson's hawk habitat. No Swainson's hawk have been observed on the Project Site; however, Swainson's hawk can take up residence in tall trees such as palms or eucalyptus, at any time. Demolition, construction, and other exterior modifications resulting from the Proposed Project have the potential to disturb habitat for Swainson's hawk.

Impacts are potentially significant.

Little Willow Flycatcher - The Little Willow Flycatcher (*Empidonax traillii brewsteri*) is a State listed Endangered species. The Project Site is developed and it is unlikely to see this species within the Project area since the Little Willow Flycatcher prefer riparian habitat which does not exist on or near the school site. No Little Willow Flycatcher have been observed on the school site. The landscaped area of the school site does not meet the criteria for potential Little Willow Flycatcher habitat.

There would be no impacts to the Little Willow Flycatcher habitat with implementation of the Project.

Southwestern willow flycatcher - The Southwestern willow flycatcher (*Empidonax traillii extimus*) is a federally and State listed endangered species. The Project Site is developed and it is unlikely to see this species within the Proposed Project area since the Southwestern willow flycatcher prefer riparian habitat which does not exist on or near the school site. No Southwestern willow flycatcher have been observed on the school site. The landscaped area of the school site does not meet the criteria for potential Little Willow Flycatcher habitat.

¹ The Cornell Lab of Ornithology, <https://www.allaboutbirds.org/news/>. Accessed March 2022.

There would be no impacts to the Southwestern willow flycatcher habitat with implementation of the Project.

Least Bell's vireo - The Least Bell's vireo (*Vireo bellii pusillus*) is a federally and State listed endangered species. The Project Site is developed and it is unlikely to see this species within the Project area since the Least Bell's vireo prefer riparian habitat which does not exist on or near the school site. No Least Bell's vireo have been observed on the school site. The landscape area of the school site does not meet the criteria for potential Least Bell's vireo habitat.

There would be no impacts to the Least Bell's vireo habitat with implementation of the Project.

Burrowing Owl -The Project Site and adjacent recreational field have potential habitat for burrowing owls. The burrowing owl (*Athene cunicularia*) is a species of special concern. The school site contains open, exposed lawn areas that are not used every day of the week by students or school staff. Although no natural and native plant communities exist within the school site boundaries, the potential still exists for burrowing owls to occur on-site. No burrowing owls have been observed on the school site. However, burrowing owls can take up residence on open, exposed landscapes, whether natural or artificial, at any time. The expansive lawn and landscape area of the school site meet the criteria for potential burrowing owl habitat. Demolition, construction, and other exterior modifications on the school site have the potential to disturb habitat for burrowing owls.

Impacts are potentially significant.

Cooper's hawk - The Cooper's hawk (*Accipiter cooperii*) is listed as a watch list species. The Project Site is developed and it is unlikely to see this species within the Project area. However, since birds have the ability to migrate from different areas there is the potential to encounter this species on-site. Although no natural and native plant communities exist within the school site boundaries the potential still exists for Cooper's hawk to occur on-site. No Cooper's hawk have been observed on the school site. However, Cooper's hawk can take up residence in tall trees such as palms or eucalyptus, at any time. The landscape area of the school site meet the criteria for potential Cooper's hawk habitat. Demolition, construction, and other exterior modifications on the school site have the potential to disturb habitat for Cooper's hawk.

Impacts are potentially significant.

Sharp-shinned hawk - The sharp-shinned hawk (*Accipiter striatus*) is listed as a watch list species. The Project Site is developed and it is unlikely to see this species within the Project area. However, since birds have the ability to migrate from different areas there is the potential to encounter this species on-site. Although no natural and native plant communities exist within the school site boundaries the potential still exists for sharp-shinned hawk to occur on-site. No sharp-shinned hawk have been observed on the school site. However, sharp-shinned hawk can take up residence in tall trees such as palms or eucalyptus, at any time. The landscape area of the school site meet the criteria for potential sharp-

shinned hawk habitat. Demolition, construction, and other exterior modifications on the school site have the potential to disturb habitat for sharp-shinned hawk.

Impacts are potentially significant.

Southern California rufous-crowned sparrow - The Southern California rufous-crowned sparrow (*Aimophila ruficeps canescens*) is a watch list species. The Project Site is developed and it is unlikely to see this species within the Project area since the Southern California rufous-crowned sparrow prefers coastal-bluff or coastal sage scrub habitat which does not exist on or near the school site. No Southern California rufous-crowned sparrow have been observed on the school site. The landscape area of the school site does not meet the criteria for potential Southern California rufous-crowned sparrow habitat.

There would be no impacts to the Southern California rufous-crowned sparrow habitat.

Golden eagle - The golden eagle (*Aquila chrysaetos*) is a fully protected species. The Project Site is developed and it is unlikely to see this species within the Project area. Although no natural and native plant communities exist within the school site boundaries the potential still exists for golden eagle to occur on-site. No golden eagle have been observed on the school site. However, golden eagle can take up residence in tall trees such as palms or eucalyptus, at any time. The landscape area of the school site meets the criteria for potential golden eagle habitat. Demolition, construction, and other exterior modifications on the school site have the potential to disturb habitat for golden eagle.

Impacts are potentially significant.

Bell's sage sparrow - The Bell's sage sparrow (*Artemisiospiza belli belli*) is a watch list species. The Project Site is developed, and it is unlikely to see this species within the Project area since the Bell's sage sparrow prefer coastal sagebrush, chaparral, and other open, scrubby habitats. No Bell's sage sparrow have been observed on the school site. The landscape area of the school site does not meet the criteria for potential Bell's sage sparrow habitat.

There would be no impacts to the Bell's sage sparrow habitat with implementation of the Project.

Long-eared owl - The long-eared owl (*Asio otus*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area. However, since birds have the ability to migrate from different areas there is the potential to encounter this species on-site. Although no natural and native plant communities exist within the school site boundaries the potential still exists for long-eared owl to occur on-site. No long-eared owl have been observed on the school site. However, long-eared owl can take up residence in tall trees such as palms or eucalyptus, at any time. The landscape area of the school site meets the criteria for potential long-eared owl habitat. Demolition, construction, and other exterior modifications on the school site have the potential to disturb habitat for long-eared owl.

Impacts are potentially significant.

Redhead - The Redhead (*Aythya americana*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the Redhead prefers wetland habitat. No Redhead have been observed on the school site. The landscape area of the school site does not meet the criteria for potential Redhead habitat.

There would be no impacts to the Redhead habitat with implementation of the Project.

Vaux's swift - The Vaux's swift (*Chaetura vauxi*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the Vaux's swift prefer old growth, coniferous forests to nest. No Vaux's swift has been observed on the school site. The landscape area of the school site does not meet the criteria for potential Vaux's swift habitat.

There would be no impacts to the Vaux's swift habitat with implementation of the Project.

Northern harrier - The northern harrier (*Circus hudsonius*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since no natural and native plant communities exist within the school site boundaries. The landscape area of the school site does not meet the criteria for potential northern harrier habitat.

There would be no impacts to the northern harrier habitat with implementation of the Project.

Olive-sided flycatcher - The olive-sided flycatcher (*Contopus cooperi*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the olive-sided flycatcher prefer habitat near pine forests or water sources. No olive-sided flycatcher have been observed on the school site. The landscape area of the school site does not meet the criteria for potential olive-sided flycatcher habitat.

There would be no impacts to the olive-sided flycatcher habitat with implementation of the Project.

Black swift - The black swift (*Cypseloides niger*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the black swift prefer to nest on cliff ledges behind or near waterfalls. No black swift have been observed on the school site. The landscape area of the school site does not meet the criteria for potential black swift habitat.

There would be no impacts to the black swift habitat with implementation of the Project.

California horned lark - The California horned lark (*Eremophila alpestris actia*) is a watch list species. The Project Site is developed, and it is unlikely to see this species within the Project area. However, since birds have the ability to migrate from different areas there is the potential to encounter this species on-site. Although no natural and native plant communities exist within the school site boundaries the potential still exists for California horned lark to occur on-site. No California horned lark have been

observed on the school site. However, California horned lark can take up residence in areas of sparse vegetation and areas cleared by humans, such as plowed fields and mowed expanses, at any time. The landscape area of the school site meet the criteria for potential California horned lark habitat. Demolition, construction, and other exterior modifications on the school site have the potential to disturb habitat for California horned lark.

Impacts are potentially significant.

Prairie falcon - The prairie falcon (*Falco mexicanus*) is a watch list species. The Project Site is developed, and it is unlikely to see this species within the Project area. However, since birds have the ability to migrate from different areas there is the potential to encounter this species on-site. Although no natural and native plant communities exist within the school site boundaries the potential still exists for prairie falcon to occur on-site. No prairie falcon have been observed on the school site. However, prairie falcon can take up residence in grasslands, shrubsteppe desert, and areas of mixed shrubs, at any time. The landscape area of the school site meet the criteria for potential prairie falcon habitat. Demolition, construction, and other exterior modifications on the school site have the potential to disturb habitat for prairie falcon.

Impacts are potentially significant.

American peregrine falcon - The American peregrine falcon (*Falco peregrinus anatum*) is a fully protected species. The Project Site is developed, and it is unlikely to see this species within the Project area since the American peregrine falcon prefer higher elevations such as cliffs for nesting and are most likely to occur near the coast or other water sources. No American peregrine falcon have been observed on the school site. The landscape area of the school site does not meet the criteria for potential American peregrine falcon habitat.

There would be no impacts to the American peregrine falcon habitat with implementation of the Project.

Common loon- The common loon (*Gavia immer*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the common loon prefers habitat near lakes and estuaries. No common loon have been observed on the school site. The landscape area of the school site does not meet the criteria for potential common loon habitat.

There would be no impacts to the common loon habitat with implementation of the Project.

Yellow-breasted chat - The yellow-breasted chat (*Icteria virens*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the yellow-breasted chat prefers shrubby habitats along rivers. No yellow-breasted chat have been observed on the school site. The landscape area of the school site does not meet the criteria for potential yellow-breasted chat habitat.

There would be no impacts to the yellow-breasted chat habitat with implementation of the Project.

Loggerhead shrike - The Loggerhead shrike (*Lanius ludovicianus*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area. However, since birds have the ability to migrate from different areas there is the potential to encounter this species on-site. Although no natural and native plant communities exist within the school site boundaries the potential still exists for Loggerhead shrike to occur on-site. No Loggerhead shrike have been observed on the school site. However, Loggerhead shrike can take up residence in desert scrublands, savannas, prairies, golf courses, and cemeteries, at any time. The landscape area of the school site meets the criteria for potential Loggerhead shrike habitat. Demolition, construction, and other exterior modifications on the school site have the potential to disturb habitat for Loggerhead shrike.

Impacts are potentially significant.

California gull - The California gull (*Larus californicus*) is a watch list species. The Project Site is developed, and it is unlikely to see this species within the Project area since the California gull prefer habitat near water sources such as coastal areas and near lakes or rivers. No California gull have been observed on the school site. The landscape area of the school site does not meet the criteria for potential California gull habitat.

There would be no impacts to California gull habitat with implementation of the Project.

Lucy's warbler - The Lucy's warbler (*Leiothlypis luciae*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the Lucy's warbler prefer mesquite woodlands or scrubby areas near water sources. No Lucy's warbler have been observed on the school site. The landscape area of the school site does not meet the criteria for potential Lucy's warbler habitat.

There would be no impacts to Lucy's warbler habitat with implementation of the Project.

Osprey - The Osprey (*Pandion haliaetus*) is a watch list species. The Project Site is developed, and it is unlikely to see this species within the Project area since Osprey prefer shallow, fish-filled water, including rivers, lakes, reservoirs, lagoons, swamps, and marshes. No Osprey have been observed on the school site. The landscape area of the school site does not meet the criteria for potential Osprey habitat.

There would be no impacts to Osprey habitat with implementation of the Project.

Bryant's savannah sparrow - The Bryant's savannah sparrow (*Passerculus sandwichensis alaudinus*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since Bryant's savannah sparrow prefer grasslands with few trees, including meadows, pastures, grassy roadsides, sedge wetlands, and cultivated fields. No Bryant's savannah sparrow have

been observed on the school site. The landscape area of the school site does not meet the criteria for potential Bryant's savannah sparrow habitat.

There would be no impacts to Bryant's savannah sparrow habitat with implementation of the Project.

Large-billed savannah sparrow - The large-billed savannah sparrow (*Passerculus sandwichensis rostratus*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the large-billed savannah sparrow prefer grasslands with few trees, including meadows, pastures, grassy roadsides, western salt marshes, and cultivated fields. No large-billed savannah sparrow have been observed on the school site. The landscape area of the school site meet the criteria for potential large-billed savannah sparrow habitat.

There would no impacts to large-billed savannah sparrow habitat with implementation of the Project.

Double-crested cormorant - The double-crested cormorant (*Phalacrocorax auritus*) is a double-crested cormorant species. The Project Site is developed, and it is unlikely to see this species within the Project area since the double-crested cormorant prefer large bodies of water such as lakes and estuaries. No double-crested cormorant have been observed on the school site. The landscape area of the school site does not meet the criteria for potential double-crested cormorant habitat.

There would be no impacts to double-crested cormorant habitat with implementation of the Project.

Summer tanager - The summer tanager (*Piranga rubra*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the summer tanager prefer low-elevation willow and cottonwood woodlands, and in higher-elevation mesquite and salt cedar stands. No summer tanager have been observed on the school site. The landscape area of the school site does not meet the criteria for potential summer tanager habitat.

There would be no impacts to summer tanager habitat with implementation of the Project.

Black-tailed gnatcatcher - The black-tailed gnatcatcher (*Polioptila melanura*) is a watch list species. The Project Site is developed, and it is unlikely to see this species within the Project area. However, since birds have the ability to migrate from different areas there is the potential to encounter this species on-site. Although no natural and native plant communities exist within the school site boundaries the potential still exists for black-tailed gnatcatcher to occur on-site. No black-tailed gnatcatcher have been observed on the school site. However, black-tailed gnatcatcher can take up residence in semiarid areas with desert thorn scrub, at any time. The landscape surrounding the area of the school site meet the criteria for potential black-tailed gnatcatcher habitat. Demolition, construction, and other exterior modifications on the school site have the potential to disturb habitat for black-tailed gnatcatcher.

Impacts are potentially significant.

Purple martin - The purple martin (*Progne subis*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the purple martin prefer nesting within urban cities and do not reside within desert habitat. No purple martin have been observed on the school site. The landscape area of the school site does not meet the criteria for potential purple martin habitat.

There would be no impacts to purple martin habitat with implementation of the Project.

Vermilion flycatcher - The Vermilion flycatcher (*Pyrocephalus rubinus*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the Vermilion flycatcher prefer stream corridors within the scrub ecosystem. No Vermilion flycatcher have been observed on the school site. The landscape area of the school site meet the criteria for potential Vermilion flycatcher habitat.

There would be no impacts to the Vermilion flycatcher habitat with implementation of the Project.

Yellow warbler - The yellow warbler (*Setophaga petechia*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the yellow warbler prefers mangrove forests, dry scrub, marshes, and forests. No yellow warbler have been observed on the school site. The landscape area of the school site does not meet the criteria for potential yellow warbler habitat.

There would be no impacts to yellow warbler habitat with implementation of the Project.

Crissal thrasher - The Crissal thrasher (*Toxostoma crissale*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area. However, since birds have the ability to migrate from different areas there is the potential to encounter this species on-site. Although no natural and native plant communities exist within the school site boundaries the potential still exists for Crissal thrasher to occur on-site. No Crissal thrasher have been observed on the school site. However, Crissal thrasher can take up residence in dense, low scrubby vegetation, such as desert and foothill scrub, at any time. The surrounding area of the school site meets the criteria for potential Crissal thrasher habitat. Demolition, construction, and other exterior modifications on the school site have the potential to disturb habitat for Crissal thrasher.

Impacts are potentially significant.

Le Conte's thrasher - The Le Conte's thrasher (*Toxostoma lecontei*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area. However, since birds have the ability to migrate from different areas there is the potential to encounter this species on-site. Although no natural and native plant communities exist within the school site boundaries the potential still exists for Le Conte's thrasher to occur on-site. No Le Conte's thrasher have been observed on the school site. However, Le Conte's thrasher can take up residence in low, sandy, open deserts, at

any time. The surrounding area of the school site meet the criteria for potential Le Conte's thrasher habitat. Demolition, construction, and other exterior modifications on the school site have the potential to disturb habitat for Le Conte's thrasher.

Impacts are potentially significant.

Yellow-headed blackbird - The yellow-headed blackbird (*Xanthocephalus xanthocephalus*) is a species of special concern. The Project Site is developed, and it is unlikely to see this species within the Project area since the yellow-headed blackbird prefers wetland habitat and crop fields for foraging. No yellow-headed blackbird have been observed on the school site. The landscape area of the school site does not meet the criteria for potential yellow-headed blackbird habitat.

There would be no impacts to the yellow-headed blackbird habitat with implementation of the Project Site.



APPENDIX C

Cultural Resources Background Data



APPENDIX C.1

Cultural Resources Search Memo

February 26, 2021

Christine Lan
Senior Project Manager
Meridian Consultants, LLC
706 S. Hill Street, 11th Floor
Los Angeles, CA 90014
Transmitted via email to CLan@meridianconsultantsllc.com

RE: Cultural Resource Inventory for the Palm Springs Unified School District Modernization Project: Sunny Sands Elementary School, Riverside County, California

Dear Ms. Lan:

At the request of Meridian Consultants, LLC, PaleoWest, LLC (PaleoWest) conducted a cultural resource inventory for the Palm Springs Unified School District (PSUSD) Modernization Project: Sunny Sands Elementary School, Riverside County, California. The cultural resource inventory was limited to a cultural resource literature review and records search of the California Historic Resource Information System (CHRIS) and a review of the Sacred Lands File (SLF) by the Native American Heritage Commission (NAHC). This memorandum summarizes the results of the cultural resource inventory efforts for the Project.

The literature review and records search was conducted on February 16, 2021 by Eulices Lopez, Administrative/Coordinator Assistant at the Eastern Information Center (EIC) housed at University of California, Riverside. The records search included the 11-acre Project area as well as a half-mile (0.5 mile) radius. The purpose of the records search was to identify any known cultural resources within the immediate vicinity of the Project area. The records search also included a review of the Office of Historic Preservation Archaeological Determination of Eligibility and the Office of Historic Preservation Directory of Historic Properties Data File.

The records search indicated that five previous studies have been conducted within a half mile of the Project area (Table 1). None of these studies included or intersected the Project area. As a result of the records search, no cultural resources were identified within the records search area. Additionally, a review of historic topographic maps and aerial photographs did not indicate any structures on the property prior to 1981.

Table 1
Previous Cultural Resource Studies within a Half Mile of the Project Area

Report No.	Year	Author(s)	Title
RI-01129	1979	Berryman, Stanley R. and Mary Lou Heuett	Final Report: Results of the Palm Springs Archaeological Survey Section 10, Township 4 South, Range 5 East
RI-02210	1986	Underwood, J., J. Cleland, C.M. Wood, and R. Apple	Preliminary Cultural Resources Survey Report for the US Telecom Fiber Optic Cable Project, From San Timoteo Canyon to Socorro, Texas: The California Segment



Table 1
Previous Cultural Resource Studies within a Half Mile of the Project Area

Report No.	Year	Author(s)	Title
RI-05563	2003	Parker, Greig and Christopher Drover	Archaeological Survey for Cathedral City Heritage Park L.P. Parcel No. 670-110-034, Cathedral City, California
RI-07758	2008	Tang, Bai "Tom"	Historic and Archaeological Property Survey Report (District: 08, RIV-CTH/ PLHL, PM 5430, EA: Ramon Road)
RI-10838	2010	Bonner, Diane F.	Cultural Resources Record Search and Archaeological Survey Results for the Proposed Royal Street Communications, California, LLC, Site LA3615A (Cathedral City Soccer Park) located at 69400 30th Avenue, Cathedral City, Riverside County, California 92234

PaleoWest contacted the NAHC for a review of the SLF on January 22, 2021. The objective of the SLF search was to determine if the NAHC had any knowledge of Native American cultural resources (e.g., traditional use or gathering area, place of religious or sacred activity, etc.) within the immediate vicinity of the Project area. The NAHC responded on February 8, 2021, stating that the SLF was completed with negative results; however, the NAHC recommended that 16 Native American individuals representing 11 tribal groups be contacted to elicit information regarding cultural resource issues related to the proposed Project (see Exhibit A for a copy of the response letter received from the NAHC).

It has been a pleasure working with you on this Project. If you have any questions, please do not hesitate to contact me at rthomas@paleowest.com.

Sincerely,



Roberta Thomas, M.A., RPA | Senior Archaeologist/Project Manager
PALEOWEST



EXHIBIT A



NATIVE AMERICAN HERITAGE COMMISSION

February 8, 2021

Roberta Thomas
PaleoWest Archaeology

Via Email to: rthomas@paleowest.com

Re: PSUSD Modernization (21-0058) – Sunny Sands Elementary School Project, Riverside County

Dear Ms. Thomas:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Andrew.Green@nahc.ca.gov.

Sincerely,



Andrew Green
Cultural Resources Analyst

Attachment



CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

SECRETARY
Merri Lopez-Keifer
Luiseño

PARLIAMENTARIAN
Russell Attebery
Karuk

COMMISSIONER
William Mungary
Paiute/White Mountain
Apache

COMMISSIONER
Julie Tumamait-Stenslie
Chumash

COMMISSIONER
[Vacant]

COMMISSIONER
[Vacant]

COMMISSIONER
[Vacant]

EXECUTIVE SECRETARY
Christina Snider
Pomo

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

**Native American Heritage Commission
Native American Contact List
Riverside County
2/8/2021**

**Agua Caliente Band of Cahuilla
Indians**

Jeff Grubbe, Chairperson
5401 Dinah Shore Drive
Palm Springs, CA, 92264
Phone: (760) 699 - 6800
Fax: (760) 699-6919
Cahuilla

**Los Coyotes Band of Cahuilla
and Cupeño Indians**

Shane Chapparosa, Chairperson
P.O. Box 189
Warner Springs, CA, 92086-0189
Phone: (760) 782 - 0711
Fax: (760) 782-0712
Cahuilla

**Agua Caliente Band of Cahuilla
Indians**

Patricia Garcia-Plotkin, Director
5401 Dinah Shore Drive
Palm Springs, CA, 92264
Phone: (760) 699 - 6907
Fax: (760) 699-6924
ACBCI-THPO@aguacaliente.net
Cahuilla

**Morongo Band of Mission
Indians**

Denisa Torres, Cultural Resources
Manager
12700 Pumarra Road
Banning, CA, 92220
Phone: (951) 849 - 8807
Fax: (951) 922-8146
dtorres@morongo-nsn.gov
Cahuilla
Serrano

**Augustine Band of Cahuilla
Mission Indians**

Amanda Vance, Chairperson
P.O. Box 846
Coachella, CA, 92236
Phone: (760) 398 - 4722
Fax: (760) 369-7161
hhaines@augustinetribe.com
Cahuilla

**Morongo Band of Mission
Indians**

Robert Martin, Chairperson
12700 Pumarra Road
Banning, CA, 92220
Phone: (951) 849 - 8807
Fax: (951) 922-8146
dtorres@morongo-nsn.gov
Cahuilla
Serrano

**Cabazon Band of Mission
Indians**

Doug Welmas, Chairperson
84-245 Indio Springs Parkway
Indio, CA, 92203
Phone: (760) 342 - 2593
Fax: (760) 347-7880
jstapp@cabazonindians-nsn.gov
Cahuilla

**Quechan Tribe of the Fort Yuma
Reservation**

Manfred Scott, Acting Chairman
Kw'ts'an Cultural Committee
P.O. Box 1899
Yuma, AZ, 85366
Phone: (928) 750 - 2516
scottmanfred@yahoo.com
Quechan

Cahuilla Band of Indians

Daniel Salgado, Chairperson
52701 U.S. Highway 371
Anza, CA, 92539
Phone: (951) 763 - 5549
Fax: (951) 763-2808
Chairman@cahuilla.net
Cahuilla

**Quechan Tribe of the Fort Yuma
Reservation**

Jill McCormick, Historic
Preservation Officer
P.O. Box 1899
Yuma, AZ, 85366
Phone: (760) 572 - 2423
historicpreservation@quechantribe.com
Quechan

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed PSUSD Modernization (21-0058) - Sunny Sands Elementary School Project, Riverside County.

**Native American Heritage Commission
Native American Contact List
Riverside County
2/8/2021**

Ramona Band of Cahuilla

Joseph Hamilton, Chairperson
P.O. Box 391670
Anza, CA, 92539
Phone: (951) 763 - 4105
Fax: (951) 763-4325
admin@ramona-nsn.gov
Cahuilla

**Torres-Martinez Desert Cahuilla
Indians**

Michael Mirelez, Cultural
Resource Coordinator
P.O. Box 1160
Thermal, CA, 92274
Phone: (760) 399 - 0022
Fax: (760) 397-8146
mmirelez@tmdci.org
Cahuilla

Ramona Band of Cahuilla

John Gomez, Environmental
Coordinator
P. O. Box 391670
Anza, CA, 92539
Phone: (951) 763 - 4105
Fax: (951) 763-4325
jgomez@ramona-nsn.gov
Cahuilla

**Santa Rosa Band of Cahuilla
Indians**

Lovina Redner, Tribal Chair
P.O. Box 391820
Anza, CA, 92539
Phone: (951) 659 - 2700
Fax: (951) 659-2228
lsaul@santarosa-nsn.gov
Cahuilla

**Soboba Band of Luiseno
Indians**

Joseph Ontiveros, Cultural
Resource Department
P.O. BOX 487
San Jacinto, CA, 92581
Phone: (951) 663 - 5279
Fax: (951) 654-4198
jontiveros@soboba-nsn.gov
Cahuilla
Luiseno

**Soboba Band of Luiseno
Indians**

Scott Cozart, Chairperson
P. O. Box 487
San Jacinto, CA, 92583
Phone: (951) 654 - 2765
Fax: (951) 654-4198
jontiveros@soboba-nsn.gov
Cahuilla
Luiseno

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed PSUSD Modernization (21-0058) - Sunny Sands Elementary School Project, Riverside County.



PHOENIX HQ

602.261.7253
319 East Palm Lane
Phoenix, AZ 85004

AUSTIN

512.394.7477
206 West Main Street, Suite 111
Round Rock, TX 78664

DENVER

303.214.4301
308 E Simpson Street
Lafayette, CO 80026

NEW YORK

321.258.0274
55 W 116th St, Suite 176
New York, NY 10026

LOS ANGELES

626.408.8006
517 S. Ivy Avenue
Monrovia, CA 91016

ORANGE COUNTY

949.215.0523
27001 La Paz Road, Suite 230
Mission Viejo, CA 92691

LAS VEGAS

702.779.3033
3313 S. Water Street, Unit D
Henderson, NV 89015

BAY AREA

925.253.9070
1870 Olympic Boulevard, Suite 100
Walnut Creek, CA 94596

SAN DIEGO

619.210.0199
3990 Old Town Avenue Suite C101
San Diego, CA 92110

SANTA FE

505.516.0261
1010 Marquez Place, Suite C
Santa Fe, New Mexico 87505

TALLAHASSEE

850.296.3669
916 East Park Avenue
Tallahassee, FL 32301

PORTLAND

502.645.3116
2918 N. Lombard Street
Portland, OR 97211

SALT LAKE CITY

866.563.2536
2002 South 1300 East
Salt Lake City, UT 84105



APPENDIX C.2

PSUSD School Major Renovations Correspondence

From: Pam Daly [<mailto:daly.rvrsde@sbcglobal.net>]
Sent: Monday, November 16, 2020 12:53 PM
To: Arthur, Julie (jarthur@psusd.us) <jarthur@psusd.us>
Cc: Mann, Yolonda (ymanm@psusd.us) <ymanm@psusd.us>
Subject: RE: PSUSD School Major Renovations

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Julie;

First – thank you for your Freudian slip of calling the plaques at the schools with Wexler classrooms “plagues”. I know how you love the Wexler buildings. 😊

Second – Under CEQA, a property is investigated for its potential to be considered a historic resource when it “attains sufficient age” to be evaluated for significance. “Sufficient age” generally means 50 years of age, and that is to follow the guidelines of listing a property in the National Register of Historic Places. But the “sufficient age” guideline means that a property could be evaluated as a “property achieving significance within the past 50 years if it is of exceptional importance” (Criteria consideration “g.” of the National Register Criteria for Evaluation.)

When the National Register uses the term “exceptional importance” it means that a property like the Walt Disney Concert Hall, or the Sundial Bridge in Redding, CA, can be considered for listing in the NR even though it isn’t 50 years old.

So, your elementary school buildings definitely don’t meet the 50 year mark, and I’m pretty sure they aren’t of the architectural importance of those mentioned above or of the Rock and Roll Hall of Fame (1985-97) in Cleveland, OH (designed by I.M. Pei).

Just because a building is designed by a master architect, unless the design is worthy of being saved as an outstanding example of Wexler’s work, it would have to be at the level of a Frank Gehry or I.M. Pei modernist creation.

I don’t believe you need to have the buildings evaluated. The CEQA Checklist asks: Will the project cause a substantial adverse change in the significance of a historical resource?

And the CEQA & Historical Resources Technical Advice Series says “the local agency should employ recognized criteria to determine whether a previously unrecognized significant historical resource exists”. The “sufficient age” and “lack of exceptional importance” are recognized criteria.

The school buildings don’t meet the criteria to be investigated as historical resources due to age, and they don’t meet the criteria (C of NR, 3 of CR) to be considered exceptional examples of elementary school buildings.

I can prepare a cost estimate for a letter report – basically stating what I’ve said – but you may not need anything. I’d run this by your CEQA/planning consultants and see what they recommend.

I totally understand your being concerned having Wexler buildings in your project.

--Pam

Pamela Daly, M.S.H.P.
Daly & Associates
(951) 369-1366



APPENDIX D

Energy Calculations

Table 1. Summary of Energy Use During Construction	
Fuel Type	Quantity
Diesel	
Off-Road Construction Equipment	62,356 Gallons
On-Road Motor Vehicles	6,928 Gallons
Total	69,284 Gallons
Gasoline	
Off-Road Construction Equipment	0 Gallons
On-Road Motor Vehicles	3,389 Gallons
Total	3,389 Gallons
Electricity	
Total	675.6 kWh

Table 2. Summary of Annual Energy Use During Operation			
Source	Units	Buildout	Existing
Electricity			
Elementary School	kWh/yr	413,211	402,752
Water Conveyance	kWh/yr	71,092	50,337
<i>Total Electricity</i>	<i>kWh/yr</i>	<i>484,303</i>	<i>453,089</i>
Natural Gas			
Elementary School	kBTU/yr	512,241	410,682
<i>Total Natural Gas</i>	<i>kBTU/yr</i>	<i>512,241</i>	<i>410,682</i>
Transportation/On-Site Sources			
Diesel	gallons	132,847	135,731
Gasoline	gallons	328,716	346,476
Total	gallons	461,562	482,207

Table 3. Water by Land Use							
		Project			Existing		
Land Use	Units	Indoor/Outdoor Use	Indoor Use	Outdoor Use	Indoor/Outdoor Use	Indoor Use	Outdoor Use
Buildout	Mgal	1.70937 / 4.39552	1.70937	4.39552	1.21033 / 3.11228	1.21033	3.11228

Water and Wastewater Electricity Intensity (kWh/gallon)

Supply Water	0.009727
Treat Water	0.000111
Distribute Water	0.001272
Wastewater Treatment	0.001911

Source: CalEEMod User's Guide, Appendix D, Table 9.2 Riverside - Salton Sea

Indoor Water Factor	0.013021 kWh/gallon (supply, treat, distribute, wastewater treatment)
Outdoor Water Factor	0.01111 kWh/gallon (supply, treat, and distribute)

Notes:

*Electricity and Natural Gas for the Proposed Project is total operational usage.
Electricity, natural gas, and mobile usage was calculated from CalEEMod.
Indoor water factor used for entire Project Site for conservative analysis.*

Table 4. Off-Road Equipment Fuel Usage During Construction

Phase Name	Off-road Equipment Type	Amount	Hours per Day	Horsepower	Load Factor	Number of Days	Diesel Fuel Usage
							(Gallons per Project)
Phase 1							
Demolition	Concrete/Industrial Saws	1	8	81	0.73	65	1,537
Demolition	Rubber Tired Dozers	1	8	247	0.4	65	2,569
Demolition	Tractors/Loaders/Backhoes	3	8	97	0.37	65	2,799
Grading	Graders	1	8	187	0.41	23	705
Grading	Rubber Tired Dozers	1	8	247	0.4	23	909
Grading	Tractors/Loaders/Backhoes	2	7	97	0.37	23	578
Building Construction	Cranes	1	6	231	0.29	239	4,803
Building Construction	Forklifts	1	6	89	0.2	239	1,276
Building Construction	Generator Sets	1	8	84	0.74	239	5,942
Building Construction	Tractors/Loaders/Backhoes	1	6	97	0.37	239	2,573
Building Construction	Welders	3	8	46	0.45	239	5,937
Architectural Coating	Air Compressors	1	6	78	0.48	22	247
Phase Total							29,877
Phase 2-3							
Demolition	Concrete/Industrial Saws	1	8	81	0.73	66	1561
Demolition	Rubber Tired Dozers	1	8	247	0.4	66	2608
Demolition	Tractors/Loaders/Backhoes	3	8	97	0.37	66	2842
Building Construction	Cranes	1	8	231	0.29	238	6377
Building Construction	Forklifts	2	7	89	0.2	238	2965
Building Construction	Generator Sets	1	8	84	0.74	238	5918
Building Construction	Tractors/Loaders/Backhoes	1	6	97	0.37	238	2563
Building Construction	Welders	3	8	46	0.45	238	5912
MPR Renovation	Air Compressors	1	8	78	0.48	44	659
Architectural Coating	Air Compressors	1	6	78	0.48	23	258
Paving	Cement and Mortar Mixers	1	8	9	0.56	10	20
Paving	Pavers	1	8	130	0.42	10	218
Paving	Paving Equipment	1	8	132	0.36	10	190
Paving	Rollers	2	8	80	0.38	10	243
Paving	Tractors/Loaders/Backhoes	1	8	97	0.37	10	144
Phase Total							32480
Project Total							62,356

Notes:

Equipment assumptions from CalEEMod.

Fuel usage estimate of 0.05 gallons per horsepower-hour is from the SCAQMD CEQA Air Quality Handbook, Table A9-3 E.

Table 5. On-Road Vehicle Fuel Usage During Construction															
Sub Area 1	Days	Daily Trips			Total			Trip Length (Miles)			Total Length (Miles)			Fuel Consumption (Gallons)	
		Worker	Vendor		Worker Trips	Vendor Trips	Haul Trips	Worker	Vendor	Hauling	Worker	Vendor	Hauling	Gasoline	Diesel
Demolition (1)	65	13	0	845	0	84	11.0	5.4	20	9,295	0	1,680	362	541	
Grading (1)	23	10	0	230	0	625	11.0	5.4	20	2,530	0	12,500	99	2,117	
Building Construction (1)	239	11	4	2,629	956	0	11.0	5.4	20	28,919	5,162	0	1,127	1,673	
Architectural Coating (1)	22	2	0	44	0	0	11.0	5.4	20	484	0	0	19	14	
Demolition (2-3)	66	13	0	858	0	84	11.0	5.4	20	9,438	0	1,680	368	545	
Building Construction (2-3)	238	11	4	2,618	952	0	11.0	5.4	20	28,798	5,141	0	1,123	1,666	
MPR Renovation (2-3)	44	11	4	484	176	0	11.0	5.4	20	5,324	950	0	208	308	
Architectural Coating (2-3)	23	2	0	46	0	0	11.0	5.4	20	506	0	0	20	15	
Paving (2-3)	10	15	0	150	0	0	11.0	5.4	20	1,650	0	0	64	47	
Total	730	88	12	7,904	2,084	793	n/a	n/a	n/a	86,944	11,254	15,860	3,389	6,928	
Fuel Efficiency	Gas	DSL													
Workers	25.65	34.88													
Vendor/Haul Trucks	0	6.11													

Notes:

Fuel efficiency calculated in **Table 7: EMFAC2021 Results - Construction.**

Table 6. Water Usage for Control of Fugitive Dust During Construction			
Phase Name	Total Acres	Gallons for Project	Electricity (kWh)
Project	23.0	69,460	675.6

Notes:

Total acres graded based on CalEEMod output sheets.

Water Usage

3,020 gallons per acre per day

Source: Air & Waste Management Association, Air Pollution Engineering Manual, 1992 Edition

Supply Water Electricity Intensity

0.009727 kWh/gallons (CalEEMod default)

Table 7. EMFAC2021 Results - Construction								
Vehicle Class	Fuel	VMT (miles per day)	Fuel (1,000 gal per day)	Fuel Efficiency (miles per gallon)	Fuel	VMT (miles per day)	Fuel (1,000 gal per day)	Fuel Efficiency (miles per gallon)
LDA	GAS	25,847,634	914.07	28.28	DSL	78,564	1.87	42.02
LDT1	GAS	2,131,713	91.26	23.36	DSL	679	0.03	24.33
LDT2	GAS	11,028,403	485.86	22.70	DSL	35,894	1.15	31.16
Average (LDA, LDT1, LDT2)				25.65				34.88
T7 Tractor Construction	DSL	449,395	73.52	6.11				

Construction Worker Fleet Mix

LDA	50%
LDT1	25%
LDT2	25%

Vendor and Delivery/Haul Truck Fleet Mix

HHDT	100%
------	------

Source: EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: County

Region: Riverside

Calendar Year: 2022

Season: Annual

Vehicle Classification: EMFAC202x Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption.

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Trips	Fuel_Consumption
Riverside	2022	LDA	Aggregate	Aggregate	Gasoline	631263.9969	25847634.02	2949604.94	914.0720229
Riverside	2022	LDA	Aggregate	Aggregate	Diesel	2196.653698	78564.3487	9694.75503	1.869583594
Riverside	2022	LDA	Aggregate	Aggregate	Electricity	17587.11121	776829.789	88909.16422	0
Riverside	2022	LDT1	Aggregate	Aggregate	Gasoline	59198.30437	2131713.274	256842.7273	91.25607995
Riverside	2022	LDT1	Aggregate	Aggregate	Diesel	34.7886086	679.0259591	103.8388682	0.02790836
Riverside	2022	LDT1	Aggregate	Aggregate	Electricity	39.37108972	1505.924106	188.8452477	0
Riverside	2022	LDT2	Aggregate	Aggregate	Gasoline	261723.7424	11028402.51	1228226.977	485.8573097
Riverside	2022	LDT2	Aggregate	Aggregate	Diesel	794.7199281	35894.03111	3845.080543	1.151766279
Riverside	2022	T7 Tractor Class	Aggregate	Aggregate	Diesel	5327.039618	449395.1129	77401.88565	73.51608191
									1567.750753
									1567750.753
		Gas	1491.185413	1491185.413	544282675.6	35,378,625.00		572,229,024.73	
		Diesel	76.56534014	76565.34014	27946349.15	10,548,851.00			
						45,927,476.00			

Table 8. On road Vehicles - Operational				
Scenario	Annual VMT	Fuel Consumption (gal)		
		Gasoline	Diesel	Total
Existing	9,155,928	346,476	135,731	482,207
Project	9,155,928	328,716	132,847	461,562

Table 9. Fuel Consumption Summary		
Existing		
Fuel	Fuel Efficiency (MPG)	%Fleet
Gasoline	23.5	89.0%
Diesel	7.4	11.0%
Project		
Fuel	Fuel Efficiency (MPG)	%Fleet
Gasoline	24.8	89.0%
Diesel	7.6	11.0%

Notes:

Percent fleet and fuel efficiency based on

Table 10: EMFAC2021 Emissions

Inventory-Operations

Annual VMT obtained from the CalEEMod Output files.

Table 10. EMFAC2021 Emissions Inventory - Operations									
Fuel	VMT (miles/day)	Fuel Consumption (1,000 gal/day)	Fuel Efficiency (miles per gallon)	Fuel Percentage		Existing VMT	Fuel Consumption	Fuel Efficiency	Fuel Percentage
GAS	50,301,893	2,029	24.8	89		49,014,500	2,084	23.5	89
DSL	6,281,158	829	7.6	11		6,001,657	809	7.4	11

Note: Fuel percentage based on VMT.

Fuel efficiency calculated using fuel consumption and VMT from EMFAC2021.

Buildout

Source: EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: County

Region: Riverside

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC202x Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption.

Region	CalYr	VehClass	MdYr	Speed	Fuel	Population	VMT	Trips	Fuel_Consumption
Riverside	2025	All Other Buses	Aggregate	Aggregate	Diesel	227.3862477	12094.05006	2023.7376	1.25280383
Riverside	2025	LDA	Aggregate	Aggregate	Diesel	1836.097603	62062.60412	7926.656	1.44880237
Riverside	2025	LDT1	Aggregate	Aggregate	Diesel	24.98140446	466.6780382	70.495842	0.01912879
Riverside	2025	LDT2	Aggregate	Aggregate	Diesel	950.162807	42713.04304	4570.6757	1.30738132
Riverside	2025	LHD1	Aggregate	Aggregate	Diesel	19293.10862	711434.2665	242683.04	34.3899121
Riverside	2025	LHD2	Aggregate	Aggregate	Diesel	8709.67701	321982.2328	109556.78	18.6485311
Riverside	2025	MDV	Aggregate	Aggregate	Diesel	3125.099888	127495.1744	14457.822	5.35623234
Riverside	2025	MH	Aggregate	Aggregate	Diesel	2642.984332	22620.20355	264.29843	2.18143113
Riverside	2025	Motor Coach	Aggregate	Aggregate	Diesel	58.42408309	7811.013718	1342.5854	1.37357863
Riverside	2025	PTO	Aggregate	Aggregate	Diesel	0	52134.71587	0	10.4043784
Riverside	2025	SBUS	Aggregate	Aggregate	Diesel	646.5716332	13349.2757	9362.3572	1.81646347
Riverside	2025	T6 CAIRP Class 4	Aggregate	Aggregate	Diesel	15.01526099	1006.422713	345.0507	0.10945709
Riverside	2025	T6 CAIRP Class 5	Aggregate	Aggregate	Diesel	19.86534124	1382.930258	456.50554	0.15048479
Riverside	2025	T6 CAIRP Class 6	Aggregate	Aggregate	Diesel	67.41629637	3589.254761	1549.2265	0.38460857
Riverside	2025	T6 CAIRP Class 7	Aggregate	Aggregate	Diesel	111.1495378	22736.02911	2554.2164	2.26429001
Riverside	2025	T6 Instate Delivery	Aggregate	Aggregate	Diesel	539.723242	18233.15045	7701.8507	2.04273148
Riverside	2025	T6 Instate Delivery	Aggregate	Aggregate	Diesel	511.1505535	17417.74432	7294.1184	1.97596663
Riverside	2025	T6 Instate Delivery	Aggregate	Aggregate	Diesel	1474.542522	49945.40514	21041.722	5.55548543
Riverside	2025	T6 Instate Delivery	Aggregate	Aggregate	Diesel	228.3294595	12343.86499	3258.2614	1.3290169
Riverside	2025	T6 Instate Other Cl	Aggregate	Aggregate	Diesel	1973.559849	82586.34144	22814.352	9.30526653

Riverside	2025	T6 Instate Other Cl:	Aggregate	Aggregate	Diesel	4394.632465	191018.879	50801.951	21.6431079
Riverside	2025	T6 Instate Other Cl:	Aggregate	Aggregate	Diesel	3237.198865	138081.8055	37422.019	15.4636297
Riverside	2025	T6 Instate Other Cl:	Aggregate	Aggregate	Diesel	1559.294921	70789.06108	18025.449	7.75313393
Riverside	2025	T6 Instate Tractor C	Aggregate	Aggregate	Diesel	23.47451601	1163.763685	271.36541	0.12887144
Riverside	2025	T6 Instate Tractor C	Aggregate	Aggregate	Diesel	483.7364209	28288.91659	5591.993	2.89835111
Riverside	2025	T6 OOS Class 4	Aggregate	Aggregate	Diesel	8.978385858	597.4727433	206.32331	0.06424726
Riverside	2025	T6 OOS Class 5	Aggregate	Aggregate	Diesel	11.8194804	819.625164	271.61166	0.08829279
Riverside	2025	T6 OOS Class 6	Aggregate	Aggregate	Diesel	40.41222962	2141.704003	928.67304	0.22607822
Riverside	2025	T6 OOS Class 7	Aggregate	Aggregate	Diesel	61.1079253	15572.85129	1404.2601	1.53832922
Riverside	2025	T6 Public Class 4	Aggregate	Aggregate	Diesel	110.633596	3824.105656	567.55035	0.44205688
Riverside	2025	T6 Public Class 5	Aggregate	Aggregate	Diesel	161.8818662	5886.962511	830.45397	0.68563277
Riverside	2025	T6 Public Class 6	Aggregate	Aggregate	Diesel	233.3717047	8159.323205	1197.1968	0.94276659
Riverside	2025	T6 Public Class 7	Aggregate	Aggregate	Diesel	364.8074207	16424.11082	1871.4621	1.85778792
Riverside	2025	T6 Utility Class 5	Aggregate	Aggregate	Diesel	213.5556003	8654.970361	2733.5117	0.93134135
Riverside	2025	T6 Utility Class 6	Aggregate	Aggregate	Diesel	40.35145024	1628.968414	516.49856	0.17457219
Riverside	2025	T6 Utility Class 7	Aggregate	Aggregate	Diesel	45.49224323	2258.514672	582.30071	0.24086241
Riverside	2025	T7 CAIRP Class 8	Aggregate	Aggregate	Diesel	5605.981077	1162096.054	128825.45	185.99317
Riverside	2025	T7 NNOOS Class 8	Aggregate	Aggregate	Diesel	5070.901623	1396762.179	116529.32	217.430256
Riverside	2025	T7 NOOS Class 8	Aggregate	Aggregate	Diesel	2142.574653	507332.0465	49236.366	80.8108305
Riverside	2025	T7 POLA Class 8	Aggregate	Aggregate	Diesel	2960.290098	373426.2434	48430.346	62.6233153
Riverside	2025	T7 Public Class 8	Aggregate	Aggregate	Diesel	728.1524278	29432.76842	3735.422	5.0311387
Riverside	2025	T7 Single Concrete/	Aggregate	Aggregate	Diesel	1281.244606	88480.11911	12069.324	14.4749341
Riverside	2025	T7 Single Dump Cla	Aggregate	Aggregate	Diesel	1235.54349	71733.82608	11638.82	12.0683214
Riverside	2025	T7 Single Other Cla	Aggregate	Aggregate	Diesel	1453.08352	83566.15721	13688.047	13.857622
Riverside	2025	T7 SWCV Class 8	Aggregate	Aggregate	Diesel	63.54117698	4122.603216	292.28941	1.51399476
Riverside	2025	T7 Tractor Class 8	Aggregate	Aggregate	Diesel	6272.664073	478518.1106	91141.809	77.1797975
Riverside	2025	T7 Utility Class 8	Aggregate	Aggregate	Diesel	155.9331814	6942.473646	1995.9447	1.12345617
Riverside	2025	UBUS	Aggregate	Aggregate	Diesel	0.3117338	30.10971099	1.2469352	0.00267512
Riverside	2025	LDA	Aggregate	Aggregate	Gasoli	628741.8431	25913929.34	2926820.5	873.929595
Riverside	2025	LDT1	Aggregate	Aggregate	Gasoli	55586.8954	2050905.802	241530.21	83.7720483
Riverside	2025	LDT2	Aggregate	Aggregate	Gasoli	284782.3726	12228523.63	1337654.9	506.748123
Riverside	2025	LHD1	Aggregate	Aggregate	Gasoli	23953.95553	890989.1512	356878.25	63.8646579
Riverside	2025	LHD2	Aggregate	Aggregate	Gasoli	3679.240253	129727.509	54815.198	10.6062101
Riverside	2025	MCY	Aggregate	Aggregate	Gasoli	31129.94771	182166.5019	62259.895	4.34140778
Riverside	2025	MDV	Aggregate	Aggregate	Gasoli	215897.5079	8689269.72	989570.84	445.952134
Riverside	2025	MH	Aggregate	Aggregate	Gasoli	5588.101703	48512.84768	559.03369	9.96416562
Riverside	2025	OBUS	Aggregate	Aggregate	Gasoli	514.8271479	22309.96671	10300.662	4.32184638
Riverside	2025	SBUS	Aggregate	Aggregate	Gasoli	530.1539817	24322.97172	2120.6159	2.73083333
Riverside	2025	T6TS	Aggregate	Aggregate	Gasoli	1937.413086	102040.6708	38763.761	19.4514874
Riverside	2025	T7IS	Aggregate	Aggregate	Gasoli	8.568356502	648.642535	171.43568	0.17012132
Riverside	2025	UBUS	Aggregate	Aggregate	Gasoli	146.4959788	18545.85863	585.98392	3.28854319

	VMT Sum	Fuel Sum	Fuel Sum/Year
Diesel	6281158.127	828.5045243	302,404,151
Gas	50301892.62	2029.141174	740,636,528
			1,043,040,680

Existing

Source: EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: County

Region: Riverside

Calendar Year: 2021

Season: Annual

Vehicle Classification: EMFAC202x Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption.

Region	CalYr	VehClass	MdYr	Speed	Fuel	Population	VMT	Trips	Fuel_Consumption
Riverside	2022	All Other Buses	Aggregate	Aggregate	Diesel	215.1333291	11664.07426	1914.6866	1.20544751
Riverside	2022	LDA	Aggregate	Aggregate	Diesel	2196.653698	78564.3487	9694.755	1.86958359
Riverside	2022	LDT1	Aggregate	Aggregate	Diesel	34.7886086	679.0259591	103.83887	0.02790836
Riverside	2022	LDT2	Aggregate	Aggregate	Diesel	794.7199281	35894.03111	3845.0805	1.15176628
Riverside	2022	LHD1	Aggregate	Aggregate	Diesel	19562.12381	724726.8784	246066.91	35.5732349
Riverside	2022	LHD2	Aggregate	Aggregate	Diesel	8604.492864	323393.4583	108233.7	19.1409137
Riverside	2022	MDV	Aggregate	Aggregate	Diesel	3170.444078	132949.0743	14916.085	5.78214885
Riverside	2022	MH	Aggregate	Aggregate	Diesel	2733.786727	24412.34718	273.37867	2.35255425
Riverside	2022	Motor Coach	Aggregate	Aggregate	Diesel	53.94328758	7715.34335	1239.6167	1.37272969
Riverside	2022	PTO	Aggregate	Aggregate	Diesel	0	51023.12477	0	10.5814287
Riverside	2022	SBUS	Aggregate	Aggregate	Diesel	675.6625066	14483.87787	9783.5931	1.98058686
Riverside	2022	T6 CAIRP Class 4	Aggregate	Aggregate	Diesel	14.21983044	965.4698166	326.7717	0.10730922
Riverside	2022	T6 CAIRP Class 5	Aggregate	Aggregate	Diesel	19.13486381	1324.450974	439.71917	0.14679721
Riverside	2022	T6 CAIRP Class 6	Aggregate	Aggregate	Diesel	57.98605851	3460.828288	1332.5196	0.37980663
Riverside	2022	T6 CAIRP Class 7	Aggregate	Aggregate	Diesel	102.662908	21687.56297	2359.1936	2.22798505
Riverside	2022	T6 Instate Delivery	Aggregate	Aggregate	Diesel	510.0944424	17397.65983	7279.0477	1.96545011
Riverside	2022	T6 Instate Delivery	Aggregate	Aggregate	Diesel	472.7443839	16615.29736	6746.0624	1.90532726
Riverside	2022	T6 Instate Delivery	Aggregate	Aggregate	Diesel	1386.191328	47598.85182	19780.95	5.32250395
Riverside	2022	T6 Instate Delivery	Aggregate	Aggregate	Diesel	216.292565	11758.7032	3086.4949	1.2598304
Riverside	2022	T6 Instate Other Cl	Aggregate	Aggregate	Diesel	1927.608036	78769.05083	22283.149	8.89158249
Riverside	2022	T6 Instate Other Cl	Aggregate	Aggregate	Diesel	4052.093779	182023.2237	46842.204	20.7768685
Riverside	2022	T6 Instate Other Cl	Aggregate	Aggregate	Diesel	3052.0604	131682.5488	35281.818	14.8029595
Riverside	2022	T6 Instate Other Cl	Aggregate	Aggregate	Diesel	1402.861312	67606.99334	16217.077	7.44886816
Riverside	2022	T6 Instate Tractor C	Aggregate	Aggregate	Diesel	22.36180159	1115.674721	258.50243	0.12398014
Riverside	2022	T6 Instate Tractor C	Aggregate	Aggregate	Diesel	444.8325529	26956.08499	5142.2643	2.77070001
Riverside	2022	T6 OOS Class 4	Aggregate	Aggregate	Diesel	8.382871587	564.4069441	192.63839	0.06274692
Riverside	2022	T6 OOS Class 5	Aggregate	Aggregate	Diesel	11.23595738	774.2648336	258.2023	0.08585652
Riverside	2022	T6 OOS Class 6	Aggregate	Aggregate	Diesel	34.12660902	2023.176162	784.22948	0.22215137

Riverside	2022 T6 OOS Class 7	Aggregate	Aggregate	Diesel	57.63572068	14711.00649	1324.4689	1.50979058
Riverside	2022 T6 Public Class 4	Aggregate	Aggregate	Diesel	115.4849032	3868.378192	592.43755	0.45392734
Riverside	2022 T6 Public Class 5	Aggregate	Aggregate	Diesel	158.8393829	5838.881531	814.84603	0.68674456
Riverside	2022 T6 Public Class 6	Aggregate	Aggregate	Diesel	249.3339481	8274.454229	1279.0832	0.97638198
Riverside	2022 T6 Public Class 7	Aggregate	Aggregate	Diesel	390.9998527	16637.94328	2005.8292	1.92797273
Riverside	2022 T6 Utility Class 5	Aggregate	Aggregate	Diesel	209.9870732	8558.803222	2687.8345	0.93309666
Riverside	2022 T6 Utility Class 6	Aggregate	Aggregate	Diesel	39.86590606	1608.118137	510.2836	0.17528988
Riverside	2022 T6 Utility Class 7	Aggregate	Aggregate	Diesel	45.29789912	2233.061565	579.81311	0.242447
Riverside	2022 T7 CAIRP Class 8	Aggregate	Aggregate	Diesel	5206.882173	1095323.97	119654.15	181.680439
Riverside	2022 T7 NNOOS Class 8	Aggregate	Aggregate	Diesel	4696.272401	1300712.472	107920.34	216.104369
Riverside	2022 T7 NOOS Class 8	Aggregate	Aggregate	Diesel	1954.930231	472444.866	44924.297	78.8519268
Riverside	2022 T7 POLA Class 8	Aggregate	Aggregate	Diesel	2459.996522	321415.4571	40245.543	53.4672843
Riverside	2022 T7 Public Class 8	Aggregate	Aggregate	Diesel	784.932784	31300.93516	4026.7052	5.4224161
Riverside	2022 T7 Single Concrete	Aggregate	Aggregate	Diesel	1255.758902	89028.78422	11829.249	14.9259424
Riverside	2022 T7 Single Dump Cla	Aggregate	Aggregate	Diesel	1152.416374	71342.73176	10855.762	12.0397146
Riverside	2022 T7 Single Other Cla	Aggregate	Aggregate	Diesel	1300.273789	78694.87238	12248.579	13.1814952
Riverside	2022 T7 SWCV Class 8	Aggregate	Aggregate	Diesel	86.49291113	5615.46853	397.86739	2.07662405
Riverside	2022 T7 Tractor Class 8	Aggregate	Aggregate	Diesel	5327.039618	449395.1129	77401.886	73.5160819
Riverside	2022 T7 Utility Class 8	Aggregate	Aggregate	Diesel	143.8060574	6791.312355	1840.7175	1.11460462
Riverside	2022 UBUS	Aggregate	Aggregate	Diesel	0.3117338	30.10971099	1.2469352	0.00267459
Riverside	2022 LDA	Aggregate	Aggregate	Gasoli	631263.9969	25847634.02	2949604.9	914.072023
Riverside	2022 LDT1	Aggregate	Aggregate	Gasoli	59198.30437	2131713.274	256842.73	91.2560799
Riverside	2022 LDT2	Aggregate	Aggregate	Gasoli	261723.7424	11028402.51	1228227	485.85731
Riverside	2022 LHD1	Aggregate	Aggregate	Gasoli	24636.9459	880794.7049	367053.78	68.8134757
Riverside	2022 LHD2	Aggregate	Aggregate	Gasoli	3846.221116	134927.7274	57302.964	11.7587457
Riverside	2022 MCY	Aggregate	Aggregate	Gasoli	30959.73459	182837.7155	61919.469	4.41765506
Riverside	2022 MDV	Aggregate	Aggregate	Gasoli	216352.2701	8582929.894	993015.16	465.06247
Riverside	2022 MH	Aggregate	Aggregate	Gasoli	6636.976991	58779.89086	663.96318	12.0801869
Riverside	2022 OBUS	Aggregate	Aggregate	Gasoli	567.9898279	25802.03422	11364.34	5.16181839
Riverside	2022 SBUS	Aggregate	Aggregate	Gasoli	516.3584192	23324.40668	2065.4337	2.64041693
Riverside	2022 T6TS	Aggregate	Aggregate	Gasoli	1966.180451	98100.58886	39339.338	19.4196242
Riverside	2022 T7IS	Aggregate	Aggregate	Gasoli	13.99919805	814.1099593	280.09595	0.22252011
Riverside	2022 UBUS	Aggregate	Aggregate	Gasoli	145.6342999	18438.99521	582.5372	3.27357114

	VMT Sum	Fuel Sum	Fuel Sum/Year
Diesel	6001656.572	808.8282495	295,222,311
Gas	49014499.88	2084.035897	760,673,102
			1,055,895,413
Difference		1600.838555	0.553374951



APPENDIX E

Greenhouse Gas Emissions Output Sheets



APPENDIX E.1

Construction

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Sunny Sands Construction - Phase 1

Riverside-Salton Sea County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	25.02	1000sqft	1.80	25,016.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Phase 1 construction area is approximately 1.8 acres.

Construction Phase - Construction schedule per Schematic Design Submittal (November 2021).

Grading - Assumed up to 5,000 cy soil export.

Demolition -

Architectural Coating - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Vehicle Trips - Construction only.

Construction Off-road Equipment Mitigation - Per SCAQMD Rule 403 Fugitive Dust requirements.

Area Mitigation - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	50
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	22.00
tblConstructionPhase	NumDays	200.00	239.00
tblConstructionPhase	NumDays	20.00	65.00
tblConstructionPhase	NumDays	4.00	23.00
tblConstructionPhase	PhaseEndDate	9/11/2023	2/29/2024
tblConstructionPhase	PhaseEndDate	8/14/2023	2/29/2024
tblConstructionPhase	PhaseEndDate	10/28/2022	12/30/2022
tblConstructionPhase	PhaseEndDate	11/7/2022	3/31/2023
tblConstructionPhase	PhaseStartDate	8/29/2023	1/31/2024
tblConstructionPhase	PhaseStartDate	11/8/2022	4/1/2023
tblConstructionPhase	PhaseStartDate	11/2/2022	3/1/2023
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LotAcreage	0.57	1.80
tblVehicleTrips	WD_TR	19.52	0.00

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Quarter	Start Date	End Date	Maximum Baseline ROG + NOX (tons/quarter)	Maximum Regulatory Compliance ROG + NOX (tons/quarter)
1	10-1-2022	12-31-2022	0.6031	0.6031
2	1-1-2023	3-31-2023	0.2079	0.2079
3	4-1-2023	6-30-2023	0.4357	0.4357
4	7-1-2023	9-30-2023	0.4405	0.4405
5	10-1-2023	12-31-2023	0.4406	0.4406
6	1-1-2024	3-31-2024	0.3427	0.3427
		Highest	0.6031	0.6031

2.2 Overall Operational

Baseline 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	0.1267	0.0000	2.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.5000e-004	4.5000e-004	0.0000	0.0000	4.8000e-004
Energy	1.1700e-003	0.0107	8.9500e-003	6.0000e-005		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	42.7004	42.7004	2.8500e-003	5.3000e-004	42.9298
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	6.6033	0.0000	6.6033	0.3902	0.0000	16.3594
Water						0.0000	0.0000		0.0000	0.0000	0.2302	5.3511	5.5813	0.0241	6.1000e-004	6.3662
Total	0.1279	0.0107	9.1800e-003	6.0000e-005	0.0000	8.1000e-004	8.1000e-004	0.0000	8.1000e-004	8.1000e-004	6.8335	48.0520	54.8854	0.4172	1.1400e-003	65.6559

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance 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	0.0962	0.0000	2.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.5000e-004	4.5000e-004	0.0000	0.0000	4.8000e-004
Energy	1.1700e-003	0.0107	8.9500e-003	6.0000e-005		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	42.7004	42.7004	2.8500e-003	5.3000e-004	42.9298
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	6.6033	0.0000	6.6033	0.3902	0.0000	16.3594
Water						0.0000	0.0000		0.0000	0.0000	0.2302	5.3511	5.5813	0.0241	6.1000e-004	6.3662
Total	0.0974	0.0107	9.1800e-003	6.0000e-005	0.0000	8.1000e-004	8.1000e-004	0.0000	8.1000e-004	8.1000e-004	6.8335	48.0520	54.8854	0.4172	1.1400e-003	65.6559

	ROG	NOx	CO	SO2	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	23.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/1/2022	12/30/2022	5	65	
2	Grading	Grading	3/1/2023	3/31/2023	5	23	
3	Building Construction	Building Construction	4/1/2023	2/29/2024	5	239	
4	Architectural Coating	Architectural Coating	1/31/2024	2/29/2024	5	22	

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 23

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 37,524; Non-Residential Outdoor: 12,508; Striped Parking Area: 0 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Welders	3	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
Demolition	5	13.00	0.00	84.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	625.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	11.00	4.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					9.1200e-003	0.0000	9.1200e-003	1.3800e-003	0.0000	1.3800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0549	0.5402	0.4537	7.8000e-004		0.0272	0.0272		0.0254	0.0254	0.0000	68.5025	68.5025	0.0175	0.0000	68.9389
Total	0.0549	0.5402	0.4537	7.8000e-004	9.1200e-003	0.0272	0.0364	1.3800e-003	0.0254	0.0268	0.0000	68.5025	68.5025	0.0175	0.0000	68.9389

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	5.6600e-003	1.2100e-003	2.0000e-005	7.2000e-004	6.0000e-005	7.9000e-004	2.0000e-004	6.0000e-005	2.6000e-004	0.0000	2.3377	2.3377	3.0000e-005	3.7000e-004	2.4483
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	9.2000e-004	0.0113	3.0000e-005	3.4800e-003	2.0000e-005	3.4900e-003	9.2000e-004	2.0000e-005	9.4000e-004	0.0000	2.7490	2.7490	9.0000e-005	8.0000e-005	2.7756
Total	1.3800e-003	6.5800e-003	0.0125	5.0000e-005	4.2000e-003	8.0000e-005	4.2800e-003	1.1200e-003	8.0000e-005	1.2000e-003	0.0000	5.0867	5.0867	1.2000e-004	4.5000e-004	5.2239

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.4900e-003	0.0000	3.4900e-003	5.3000e-004	0.0000	5.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0549	0.5402	0.4537	7.8000e-004		0.0272	0.0272		0.0254	0.0254	0.0000	68.5024	68.5024	0.0175	0.0000	68.9388
Total	0.0549	0.5402	0.4537	7.8000e-004	3.4900e-003	0.0272	0.0307	5.3000e-004	0.0254	0.0260	0.0000	68.5024	68.5024	0.0175	0.0000	68.9388

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	5.6600e-003	1.2100e-003	2.0000e-005	7.2000e-004	6.0000e-005	7.9000e-004	2.0000e-004	6.0000e-005	2.6000e-004	0.0000	2.3377	2.3377	3.0000e-005	3.7000e-004	2.4483
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	9.2000e-004	0.0113	3.0000e-005	3.4800e-003	2.0000e-005	3.4900e-003	9.2000e-004	2.0000e-005	9.4000e-004	0.0000	2.7490	2.7490	9.0000e-005	8.0000e-005	2.7756
Total	1.3800e-003	6.5800e-003	0.0125	5.0000e-005	4.2000e-003	8.0000e-005	4.2800e-003	1.1200e-003	8.0000e-005	1.2000e-003	0.0000	5.0867	5.0867	1.2000e-004	4.5000e-004	5.2239

3.3 Grading - 2023

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0818	0.0000	0.0818	0.0394	0.0000	0.0394	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.1664	0.1001	2.4000e-004		6.9500e-003	6.9500e-003		6.3900e-003	6.3900e-003	0.0000	20.8195	20.8195	6.7300e-003	0.0000	20.9878
Total	0.0153	0.1664	0.1001	2.4000e-004	0.0818	6.9500e-003	0.0887	0.0394	6.3900e-003	0.0458	0.0000	20.8195	20.8195	6.7300e-003	0.0000	20.9878

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.6000e-004	0.0329	8.6600e-003	1.7000e-004	5.3900e-003	3.8000e-004	5.7700e-003	1.4800e-003	3.6000e-004	1.8400e-003	0.0000	16.6463	16.6463	2.3000e-004	2.6200e-003	17.4339
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.2000e-004	2.8400e-003	1.0000e-005	9.5000e-004	0.0000	9.5000e-004	2.5000e-004	0.0000	2.6000e-004	0.0000	0.7243	0.7243	2.0000e-005	2.0000e-005	0.7310
Total	9.8000e-004	0.0331	0.0115	1.8000e-004	6.3400e-003	3.8000e-004	6.7200e-003	1.7300e-003	3.6000e-004	2.1000e-003	0.0000	17.3706	17.3706	2.5000e-004	2.6400e-003	18.1648

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0313	0.0000	0.0313	0.0151	0.0000	0.0151	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.1664	0.1001	2.4000e-004		6.9500e-003	6.9500e-003		6.3900e-003	6.3900e-003	0.0000	20.8195	20.8195	6.7300e-003	0.0000	20.9878
Total	0.0153	0.1664	0.1001	2.4000e-004	0.0313	6.9500e-003	0.0382	0.0151	6.3900e-003	0.0215	0.0000	20.8195	20.8195	6.7300e-003	0.0000	20.9878

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.6000e-004	0.0329	8.6600e-003	1.7000e-004	5.3900e-003	3.8000e-004	5.7700e-003	1.4800e-003	3.6000e-004	1.8400e-003	0.0000	16.6463	16.6463	2.3000e-004	2.6200e-003	17.4339
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.2000e-004	2.8400e-003	1.0000e-005	9.5000e-004	0.0000	9.5000e-004	2.5000e-004	0.0000	2.6000e-004	0.0000	0.7243	0.7243	2.0000e-005	2.0000e-005	0.7310
Total	9.8000e-004	0.0331	0.0115	1.8000e-004	6.3400e-003	3.8000e-004	6.7200e-003	1.7300e-003	3.6000e-004	2.1000e-003	0.0000	17.3706	17.3706	2.5000e-004	2.6400e-003	18.1648

3.4 Building Construction - 2023

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1485	1.1418	1.2296	2.1500e-003		0.0502	0.0502		0.0484	0.0484	0.0000	177.0592	177.0592	0.0301	0.0000	177.8108
Total	0.1485	1.1418	1.2296	2.1500e-003		0.0502	0.0502		0.0484	0.0484	0.0000	177.0592	177.0592	0.0301	0.0000	177.8108

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.9000e-004	0.0116	5.0800e-003	5.0000e-005	1.9300e-003	9.0000e-005	2.0200e-003	5.6000e-004	8.0000e-005	6.4000e-004	0.0000	5.2770	5.2770	6.0000e-005	7.8000e-004	5.5114
Worker	2.9500e-003	2.0600e-003	0.0265	7.0000e-005	8.8200e-003	4.0000e-005	8.8700e-003	2.3400e-003	4.0000e-005	2.3800e-003	0.0000	6.7545	6.7545	2.0000e-004	1.9000e-004	6.8169
Total	3.3400e-003	0.0136	0.0316	1.2000e-004	0.0108	1.3000e-004	0.0109	2.9000e-003	1.2000e-004	3.0200e-003	0.0000	12.0316	12.0316	2.6000e-004	9.7000e-004	12.3283

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1485	1.1418	1.2296	2.1500e-003		0.0502	0.0502		0.0484	0.0484	0.0000	177.0589	177.0589	0.0301	0.0000	177.8106
Total	0.1485	1.1418	1.2296	2.1500e-003		0.0502	0.0502		0.0484	0.0484	0.0000	177.0589	177.0589	0.0301	0.0000	177.8106

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.9000e-004	0.0116	5.0800e-003	5.0000e-005	1.9300e-003	9.0000e-005	2.0200e-003	5.6000e-004	8.0000e-005	6.4000e-004	0.0000	5.2770	5.2770	6.0000e-005	7.8000e-004	5.5114
Worker	2.9500e-003	2.0600e-003	0.0265	7.0000e-005	8.8200e-003	4.0000e-005	8.8700e-003	2.3400e-003	4.0000e-005	2.3800e-003	0.0000	6.7545	6.7545	2.0000e-004	1.9000e-004	6.8169
Total	3.3400e-003	0.0136	0.0316	1.2000e-004	0.0108	1.3000e-004	0.0109	2.9000e-003	1.2000e-004	3.0200e-003	0.0000	12.0316	12.0316	2.6000e-004	9.7000e-004	12.3283

3.4 Building Construction - 2024

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0312	0.2434	0.2754	4.9000e-004		9.9100e-003	9.9100e-003		9.5700e-003	9.5700e-003	0.0000	39.9545	39.9545	6.6500e-003	0.0000	40.1208
Total	0.0312	0.2434	0.2754	4.9000e-004		9.9100e-003	9.9100e-003		9.5700e-003	9.5700e-003	0.0000	39.9545	39.9545	6.6500e-003	0.0000	40.1208

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.6100e-003	1.1300e-003	1.0000e-005	4.4000e-004	2.0000e-005	4.6000e-004	1.3000e-004	2.0000e-005	1.4000e-004	0.0000	1.1724	1.1724	1.0000e-005	1.7000e-004	1.2244
Worker	6.2000e-004	4.1000e-004	5.6000e-003	2.0000e-005	1.9900e-003	1.0000e-005	2.0000e-003	5.3000e-004	1.0000e-005	5.4000e-004	0.0000	1.4758	1.4758	4.0000e-005	4.0000e-005	1.4889
Total	7.1000e-004	3.0200e-003	6.7300e-003	3.0000e-005	2.4300e-003	3.0000e-005	2.4600e-003	6.6000e-004	3.0000e-005	6.8000e-004	0.0000	2.6482	2.6482	5.0000e-005	2.1000e-004	2.7133

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0312	0.2434	0.2754	4.9000e-004		9.9100e-003	9.9100e-003		9.5700e-003	9.5700e-003	0.0000	39.9544	39.9544	6.6500e-003	0.0000	40.1208
Total	0.0312	0.2434	0.2754	4.9000e-004		9.9100e-003	9.9100e-003		9.5700e-003	9.5700e-003	0.0000	39.9544	39.9544	6.6500e-003	0.0000	40.1208

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.6100e-003	1.1300e-003	1.0000e-005	4.4000e-004	2.0000e-005	4.6000e-004	1.3000e-004	2.0000e-005	1.4000e-004	0.0000	1.1724	1.1724	1.0000e-005	1.7000e-004	1.2244
Worker	6.2000e-004	4.1000e-004	5.6000e-003	2.0000e-005	1.9900e-003	1.0000e-005	2.0000e-003	5.3000e-004	1.0000e-005	5.4000e-004	0.0000	1.4758	1.4758	4.0000e-005	4.0000e-005	1.4889
Total	7.1000e-004	3.0200e-003	6.7300e-003	3.0000e-005	2.4300e-003	3.0000e-005	2.4600e-003	6.6000e-004	3.0000e-005	6.8000e-004	0.0000	2.6482	2.6482	5.0000e-005	2.1000e-004	2.7133

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

3.5 Architectural Coating - 2024

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0580					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9900e-003	0.0134	0.0199	3.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	2.8086	2.8086	1.6000e-004	0.0000	2.8125
Total	0.0600	0.0134	0.0199	3.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	2.8086	2.8086	1.6000e-004	0.0000	2.8125

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	5.1000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1342	0.1342	0.0000	0.0000	0.1354
Total	6.0000e-005	4.0000e-005	5.1000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1342	0.1342	0.0000	0.0000	0.1354

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0580					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9900e-003	0.0134	0.0199	3.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	2.8086	2.8086	1.6000e-004	0.0000	2.8125
Total	0.0600	0.0134	0.0199	3.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	2.8086	2.8086	1.6000e-004	0.0000	2.8125

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	5.1000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1342	0.1342	0.0000	0.0000	0.1354
Total	6.0000e-005	4.0000e-005	5.1000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1342	0.1342	0.0000	0.0000	0.1354

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Regulatory Compliance	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Baseline	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Baseline	Regulatory Compliance
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Elementary School	12.50	4.20	5.40	65.00	30.00	5.00	63	25	12

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

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 Regulatory Compliance						0.0000	0.0000		0.0000	0.0000	0.0000	31.0997	31.0997	2.6200e-003	3.2000e-004	31.2601
Electricity Baseline						0.0000	0.0000		0.0000	0.0000	0.0000	31.0997	31.0997	2.6200e-003	3.2000e-004	31.2601
NaturalGas Regulatory Compliance	1.1700e-003	0.0107	8.9500e-003	6.0000e-005		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	11.6007	11.6007	2.2000e-004	2.1000e-004	11.6696
NaturalGas Baseline	1.1700e-003	0.0107	8.9500e-003	6.0000e-005		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	11.6007	11.6007	2.2000e-004	2.1000e-004	11.6696

5.2 Energy by Land Use - NaturalGas

Baseline

	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					
Elementary School	217389	1.1700e-003	0.0107	8.9500e-003	6.0000e-005		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	11.6007	11.6007	2.2000e-004	2.1000e-004	11.6696
Total		1.1700e-003	0.0107	8.9500e-003	6.0000e-005		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	11.6007	11.6007	2.2000e-004	2.1000e-004	11.6696

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	217389	1.1700e-003	0.0107	8.9500e-003	6.0000e-005		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	11.6007	11.6007	2.2000e-004	2.1000e-004	11.6696
Total		1.1700e-003	0.0107	8.9500e-003	6.0000e-005		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	11.6007	11.6007	2.2000e-004	2.1000e-004	11.6696

5.3 Energy by Land Use - Electricity

Baseline

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	175362	31.0997	2.6200e-003	3.2000e-004	31.2601
Total		31.0997	2.6200e-003	3.2000e-004	31.2601

Regulatory Compliance

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	175362	31.0997	2.6200e-003	3.2000e-004	31.2601
Total		31.0997	2.6200e-003	3.2000e-004	31.2601

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Regulatory Compliance	0.0962	0.0000	2.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.5000e-004	4.5000e-004	0.0000	0.0000	4.8000e-004
Baseline	0.1267	0.0000	2.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.5000e-004	4.5000e-004	0.0000	0.0000	4.8000e-004

6.2 Area by SubCategory

Baseline

	ROG	NOx	CO	SO2	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	0.0290					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0977					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.5000e-004	4.5000e-004	0.0000	0.0000	4.8000e-004
Total	0.1267	0.0000	2.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.5000e-004	4.5000e-004	0.0000	0.0000	4.8000e-004

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance

	ROG	NOx	CO	SO2	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	5.8000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0904					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.5000e-004	4.5000e-004	0.0000	0.0000	4.8000e-004
Total	0.0962	0.0000	2.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.5000e-004	4.5000e-004	0.0000	0.0000	4.8000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Regulatory Compliance	5.5813	0.0241	6.1000e-004	6.3662
Baseline	5.5813	0.0241	6.1000e-004	6.3662

7.2 Water by Land Use

Baseline

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.725503 / 1.86558	5.5813	0.0241	6.1000e-004	6.3662
Total		5.5813	0.0241	6.1000e-004	6.3662

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.725503 / 1.86558	5.5813	0.0241	6.1000e-004	6.3662
Total		5.5813	0.0241	6.1000e-004	6.3662

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Regulatory Compliance	6.6033	0.3902	0.0000	16.3594
Baseline	6.6033	0.3902	0.0000	16.3594

8.2 Waste by Land Use

Baseline

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	32.53	6.6033	0.3902	0.0000	16.3594
Total		6.6033	0.3902	0.0000	16.3594

Sunny Sands Construction - Phase 1 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	32.53	6.6033	0.3902	0.0000	16.3594
Total		6.6033	0.3902	0.0000	16.3594

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

Sunny Sands Construction - Phase 2-3

Riverside-Salton Sea County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	26.75	1000sqft	2.61	26,754.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Phase 2-3 construction area is approximately 2.6 acres.

Construction Phase - Construction schedule per Schematic Design Submittal (November 2021).

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Limited equipment for MPR renovation.

Off-road Equipment -

Demolition -

Architectural Coating - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

Vehicle Trips - Construction only.

Construction Off-road Equipment Mitigation - Per SCAQMD Rule 403 Fugitive Dust requirements.

Area Mitigation - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	50
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	23.00
tblConstructionPhase	NumDays	220.00	238.00
tblConstructionPhase	NumDays	220.00	44.00
tblConstructionPhase	NumDays	20.00	66.00
tblLandUse	LandUseSquareFeet	26,750.00	26,754.00
tblLandUse	LotAcreage	0.61	2.61
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblVehicleTrips	WD_TR	19.52	0.00

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

Quarter	Start Date	End Date	Maximum Baseline ROG + NOX (tons/quarter)	Maximum Regulatory Compliance ROG + NOX (tons/quarter)
1	5-1-2024	7-31-2024	0.5098	0.5098
2	8-1-2024	10-31-2024	0.4794	0.4794
3	11-1-2024	1-31-2025	0.4694	0.4694
4	2-1-2025	4-30-2025	0.4348	0.4348
5	5-1-2025	7-31-2025	0.4555	0.4555
		Highest	0.5098	0.5098

2.2 Overall Operational

Baseline 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	0.1355	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.1000e-004
Energy	1.2500e-003	0.0114	9.5700e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	45.6670	45.6670	3.0500e-003	5.7000e-004	45.9124
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	7.0580	0.0000	7.0580	0.4171	0.0000	17.4859
Water						0.0000	0.0000		0.0000	0.0000	0.2461	5.7211	5.9672	0.0258	6.6000e-004	6.8064
Total	0.1368	0.0114	9.8200e-003	7.0000e-005	0.0000	8.7000e-004	8.7000e-004	0.0000	8.7000e-004	8.7000e-004	7.3041	51.3886	58.6927	0.4459	1.2300e-003	70.2052

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance 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	0.1029	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.1000e-004
Energy	1.2500e-003	0.0114	9.5700e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	45.6670	45.6670	3.0500e-003	5.7000e-004	45.9124
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	7.0580	0.0000	7.0580	0.4171	0.0000	17.4859
Water						0.0000	0.0000		0.0000	0.0000	0.2461	5.7211	5.9672	0.0258	6.6000e-004	6.8064
Total	0.1042	0.0114	9.8200e-003	7.0000e-005	0.0000	8.7000e-004	8.7000e-004	0.0000	8.7000e-004	8.7000e-004	7.3041	51.3886	58.6927	0.4459	1.2300e-003	70.2052

	ROG	NOx	CO	SO2	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	23.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/1/2024	7/31/2024	5	66	1
2	Building Construction	Building Construction	8/1/2024	6/30/2025	5	238	2
3	MPR Renovation	Building Construction	6/1/2025	7/31/2025	5	44	3
4	Architectural Coating	Architectural Coating	7/1/2025	7/31/2025	5	23	5
5	Paving	Paving	7/18/2025	7/31/2025	5	10	4

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 40,131; Non-Residential Outdoor: 13,377; Striped Parking Area: 0 (Architectural OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
MPR Renovation	Air Compressors	1	8.00	78	0.48
MPR Renovation	Cranes	0	0.00	231	0.29
MPR Renovation	Forklifts	0	0.00	89	0.20
MPR Renovation	Generator Sets	0	0.00	84	0.74
MPR Renovation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
MPR Renovation	Welders	0	0.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	84.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	11.00	4.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
MPR Renovation	1	11.00	4.00	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	2.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Soil Stabilizer
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2024

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					9.1200e-003	0.0000	9.1200e-003	1.3800e-003	0.0000	1.3800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0475	0.4583	0.4451	8.0000e-004		0.0208	0.0208		0.0195	0.0195	0.0000	69.6021	69.6021	0.0176	0.0000	70.0425
Total	0.0475	0.4583	0.4451	8.0000e-004	9.1200e-003	0.0208	0.0300	1.3800e-003	0.0195	0.0208	0.0000	69.6021	69.6021	0.0176	0.0000	70.0425

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.0000e-005	4.4400e-003	1.1800e-003	2.0000e-005	7.2000e-004	5.0000e-005	7.7000e-004	2.0000e-004	5.0000e-005	2.5000e-004	0.0000	2.2007	2.2007	3.0000e-005	3.5000e-004	2.3049
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-003	7.3000e-004	9.9200e-003	3.0000e-005	3.5300e-003	2.0000e-005	3.5500e-003	9.4000e-004	2.0000e-005	9.5000e-004	0.0000	2.6163	2.6163	7.0000e-005	7.0000e-005	2.6394
Total	1.1900e-003	5.1700e-003	0.0111	5.0000e-005	4.2500e-003	7.0000e-005	4.3200e-003	1.1400e-003	7.0000e-005	1.2000e-003	0.0000	4.8170	4.8170	1.0000e-004	4.2000e-004	4.9444

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.4900e-003	0.0000	3.4900e-003	5.3000e-004	0.0000	5.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0475	0.4583	0.4451	8.0000e-004		0.0208	0.0208		0.0195	0.0195	0.0000	69.6021	69.6021	0.0176	0.0000	70.0424
Total	0.0475	0.4583	0.4451	8.0000e-004	3.4900e-003	0.0208	0.0243	5.3000e-004	0.0195	0.0200	0.0000	69.6021	69.6021	0.0176	0.0000	70.0424

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.0000e-005	4.4400e-003	1.1800e-003	2.0000e-005	7.2000e-004	5.0000e-005	7.7000e-004	2.0000e-004	5.0000e-005	2.5000e-004	0.0000	2.2007	2.2007	3.0000e-005	3.5000e-004	2.3049
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-003	7.3000e-004	9.9200e-003	3.0000e-005	3.5300e-003	2.0000e-005	3.5500e-003	9.4000e-004	2.0000e-005	9.5000e-004	0.0000	2.6163	2.6163	7.0000e-005	7.0000e-005	2.6394
Total	1.1900e-003	5.1700e-003	0.0111	5.0000e-005	4.2500e-003	7.0000e-005	4.3200e-003	1.1400e-003	7.0000e-005	1.2000e-003	0.0000	4.8170	4.8170	1.0000e-004	4.2000e-004	4.9444

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

3.3 Building Construction - 2024

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0870	0.6989	0.7685	1.3600e-003		0.0293	0.0293		0.0281	0.0281	0.0000	113.2041	113.2041	0.0211	0.0000	113.7312
Total	0.0870	0.6989	0.7685	1.3600e-003		0.0293	0.0293		0.0281	0.0281	0.0000	113.2041	113.2041	0.0211	0.0000	113.7312

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.2000e-004	6.4600e-003	2.8100e-003	3.0000e-005	1.0800e-003	5.0000e-005	1.1300e-003	3.1000e-004	5.0000e-005	3.6000e-004	0.0000	2.9043	2.9043	3.0000e-005	4.3000e-004	3.0331
Worker	1.5300e-003	1.0300e-003	0.0139	4.0000e-005	4.9300e-003	2.0000e-005	4.9600e-003	1.3100e-003	2.0000e-005	1.3300e-003	0.0000	3.6560	3.6560	1.0000e-004	1.0000e-004	3.6884
Total	1.7500e-003	7.4900e-003	0.0167	7.0000e-005	6.0100e-003	7.0000e-005	6.0900e-003	1.6200e-003	7.0000e-005	1.6900e-003	0.0000	6.5603	6.5603	1.3000e-004	5.3000e-004	6.7215

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0870	0.6989	0.7685	1.3600e-003		0.0293	0.0293		0.0281	0.0281	0.0000	113.2040	113.2040	0.0211	0.0000	113.7311
Total	0.0870	0.6989	0.7685	1.3600e-003		0.0293	0.0293		0.0281	0.0281	0.0000	113.2040	113.2040	0.0211	0.0000	113.7311

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.2000e-004	6.4600e-003	2.8100e-003	3.0000e-005	1.0800e-003	5.0000e-005	1.1300e-003	3.1000e-004	5.0000e-005	3.6000e-004	0.0000	2.9043	2.9043	3.0000e-005	4.3000e-004	3.0331
Worker	1.5300e-003	1.0300e-003	0.0139	4.0000e-005	4.9300e-003	2.0000e-005	4.9600e-003	1.3100e-003	2.0000e-005	1.3300e-003	0.0000	3.6560	3.6560	1.0000e-004	1.0000e-004	3.6884
Total	1.7500e-003	7.4900e-003	0.0167	7.0000e-005	6.0100e-003	7.0000e-005	6.0900e-003	1.6200e-003	7.0000e-005	1.6900e-003	0.0000	6.5603	6.5603	1.3000e-004	5.3000e-004	6.7215

3.3 Building Construction - 2025

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0961	0.7755	0.9035	1.6100e-003		0.0303	0.0303		0.0290	0.0290	0.0000	133.9893	133.9893	0.0246	0.0000	134.6036
Total	0.0961	0.7755	0.9035	1.6100e-003		0.0303	0.0303		0.0290	0.0290	0.0000	133.9893	133.9893	0.0246	0.0000	134.6036

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.5000e-004	7.5800e-003	3.2900e-003	4.0000e-005	1.2800e-003	6.0000e-005	1.3300e-003	3.7000e-004	6.0000e-005	4.2000e-004	0.0000	3.3766	3.3766	4.0000e-005	5.0000e-004	3.5261
Worker	1.7000e-003	1.0900e-003	0.0153	5.0000e-005	5.8400e-003	3.0000e-005	5.8600e-003	1.5500e-003	2.0000e-005	1.5700e-003	0.0000	4.1801	4.1801	1.1000e-004	1.1000e-004	4.2159
Total	1.9500e-003	8.6700e-003	0.0186	9.0000e-005	7.1200e-003	9.0000e-005	7.1900e-003	1.9200e-003	8.0000e-005	1.9900e-003	0.0000	7.5567	7.5567	1.5000e-004	6.1000e-004	7.7420

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0961	0.7755	0.9035	1.6100e-003		0.0303	0.0303		0.0290	0.0290	0.0000	133.9891	133.9891	0.0246	0.0000	134.6034
Total	0.0961	0.7755	0.9035	1.6100e-003		0.0303	0.0303		0.0290	0.0290	0.0000	133.9891	133.9891	0.0246	0.0000	134.6034

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.5000e-004	7.5800e-003	3.2900e-003	4.0000e-005	1.2800e-003	6.0000e-005	1.3300e-003	3.7000e-004	6.0000e-005	4.2000e-004	0.0000	3.3766	3.3766	4.0000e-005	5.0000e-004	3.5261
Worker	1.7000e-003	1.0900e-003	0.0153	5.0000e-005	5.8400e-003	3.0000e-005	5.8600e-003	1.5500e-003	2.0000e-005	1.5700e-003	0.0000	4.1801	4.1801	1.1000e-004	1.1000e-004	4.2159
Total	1.9500e-003	8.6700e-003	0.0186	9.0000e-005	7.1200e-003	9.0000e-005	7.1900e-003	1.9200e-003	8.0000e-005	1.9900e-003	0.0000	7.5567	7.5567	1.5000e-004	6.1000e-004	7.7420

3.4 MPR Renovation - 2025

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.0100e-003	0.0336	0.0531	9.0000e-005		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003	0.0000	7.4895	7.4895	4.1000e-004	0.0000	7.4998
Total	5.0100e-003	0.0336	0.0531	9.0000e-005		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003	0.0000	7.4895	7.4895	4.1000e-004	0.0000	7.4998

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.5900e-003	1.1200e-003	1.0000e-005	4.4000e-004	2.0000e-005	4.6000e-004	1.3000e-004	2.0000e-005	1.4000e-004	0.0000	1.1517	1.1517	1.0000e-005	1.7000e-004	1.2027
Worker	5.8000e-004	3.7000e-004	5.2200e-003	2.0000e-005	1.9900e-003	1.0000e-005	2.0000e-003	5.3000e-004	1.0000e-005	5.4000e-004	0.0000	1.4258	1.4258	4.0000e-005	4.0000e-005	1.4380
Total	6.7000e-004	2.9600e-003	6.3400e-003	3.0000e-005	2.4300e-003	3.0000e-005	2.4600e-003	6.6000e-004	3.0000e-005	6.8000e-004	0.0000	2.5775	2.5775	5.0000e-005	2.1000e-004	2.6407

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.0100e-003	0.0336	0.0531	9.0000e-005		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003	0.0000	7.4895	7.4895	4.1000e-004	0.0000	7.4998
Total	5.0100e-003	0.0336	0.0531	9.0000e-005		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003	0.0000	7.4895	7.4895	4.1000e-004	0.0000	7.4998

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.5900e-003	1.1200e-003	1.0000e-005	4.4000e-004	2.0000e-005	4.6000e-004	1.3000e-004	2.0000e-005	1.4000e-004	0.0000	1.1517	1.1517	1.0000e-005	1.7000e-004	1.2027
Worker	5.8000e-004	3.7000e-004	5.2200e-003	2.0000e-005	1.9900e-003	1.0000e-005	2.0000e-003	5.3000e-004	1.0000e-005	5.4000e-004	0.0000	1.4258	1.4258	4.0000e-005	4.0000e-005	1.4380
Total	6.7000e-004	2.9600e-003	6.3400e-003	3.0000e-005	2.4300e-003	3.0000e-005	2.4600e-003	6.6000e-004	3.0000e-005	6.8000e-004	0.0000	2.5775	2.5775	5.0000e-005	2.1000e-004	2.6407

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

3.5 Architectural Coating - 2025

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0620					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9600e-003	0.0132	0.0208	3.0000e-005		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	2.9362	2.9362	1.6000e-004	0.0000	2.9403
Total	0.0640	0.0132	0.0208	3.0000e-005		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	2.9362	2.9362	1.6000e-004	0.0000	2.9403

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	4.0000e-005	5.0000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1355	0.1355	0.0000	0.0000	0.1367
Total	5.0000e-005	4.0000e-005	5.0000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1355	0.1355	0.0000	0.0000	0.1367

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0620					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9600e-003	0.0132	0.0208	3.0000e-005		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	2.9362	2.9362	1.6000e-004	0.0000	2.9402
Total	0.0640	0.0132	0.0208	3.0000e-005		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	2.9362	2.9362	1.6000e-004	0.0000	2.9402

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	4.0000e-005	5.0000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1355	0.1355	0.0000	0.0000	0.1367
Total	5.0000e-005	4.0000e-005	5.0000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1355	0.1355	0.0000	0.0000	0.1367

3.6 Paving - 2025

Baseline Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.9300e-003	0.0372	0.0584	9.0000e-005		1.7500e-003	1.7500e-003		1.6200e-003	1.6200e-003	0.0000	7.7565	7.7565	2.4600e-003	0.0000	7.8179
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.9300e-003	0.0372	0.0584	9.0000e-005		1.7500e-003	1.7500e-003		1.6200e-003	1.6200e-003	0.0000	7.7565	7.7565	2.4600e-003	0.0000	7.8179

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

Baseline Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-004	1.2000e-004	1.6200e-003	0.0000	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4419	0.4419	1.0000e-005	1.0000e-005	0.4457
Total	1.8000e-004	1.2000e-004	1.6200e-003	0.0000	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4419	0.4419	1.0000e-005	1.0000e-005	0.4457

Regulatory Compliance Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.9300e-003	0.0372	0.0584	9.0000e-005		1.7500e-003	1.7500e-003		1.6200e-003	1.6200e-003	0.0000	7.7565	7.7565	2.4600e-003	0.0000	7.8179
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.9300e-003	0.0372	0.0584	9.0000e-005		1.7500e-003	1.7500e-003		1.6200e-003	1.6200e-003	0.0000	7.7565	7.7565	2.4600e-003	0.0000	7.8179

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-004	1.2000e-004	1.6200e-003	0.0000	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4419	0.4419	1.0000e-005	1.0000e-005	0.4457
Total	1.8000e-004	1.2000e-004	1.6200e-003	0.0000	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4419	0.4419	1.0000e-005	1.0000e-005	0.4457

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Regulatory Compliance	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Baseline	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Baseline	Regulatory Compliance
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Elementary School	12.50	4.20	5.40	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Regulatory Compliance						0.0000	0.0000		0.0000	0.0000	0.0000	33.2604	33.2604	2.8100e-003	3.4000e-004	33.4320
Electricity Baseline						0.0000	0.0000		0.0000	0.0000	0.0000	33.2604	33.2604	2.8100e-003	3.4000e-004	33.4320
NaturalGas Regulatory Compliance	1.2500e-003	0.0114	9.5700e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.4067	12.4067	2.4000e-004	2.3000e-004	12.4804
NaturalGas Baseline	1.2500e-003	0.0114	9.5700e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.4067	12.4067	2.4000e-004	2.3000e-004	12.4804

5.2 Energy by Land Use - NaturalGas

Baseline

	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					
Elementary School	232492	1.2500e-003	0.0114	9.5700e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.4067	12.4067	2.4000e-004	2.3000e-004	12.4804
Total		1.2500e-003	0.0114	9.5700e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.4067	12.4067	2.4000e-004	2.3000e-004	12.4804

Regulatory Compliance

	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					
Elementary School	232492	1.2500e-003	0.0114	9.5700e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.4067	12.4067	2.4000e-004	2.3000e-004	12.4804
Total		1.2500e-003	0.0114	9.5700e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.4067	12.4067	2.4000e-004	2.3000e-004	12.4804

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

5.3 Energy by Land Use - Electricity

Baseline

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	187546	33.2604	2.8100e-003	3.4000e-004	33.4320
Total		33.2604	2.8100e-003	3.4000e-004	33.4320

Regulatory Compliance

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	187546	33.2604	2.8100e-003	3.4000e-004	33.4320
Total		33.2604	2.8100e-003	3.4000e-004	33.4320

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Regulatory Compliance	0.1029	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.1000e-004
Baseline	0.1355	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.1000e-004

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

6.2 Area by SubCategory

Baseline

	ROG	NOx	CO	SO2	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	0.0310					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1045					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.1000e-004
Total	0.1355	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.1000e-004

Regulatory Compliance

	ROG	NOx	CO	SO2	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	6.2000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0967					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.1000e-004
Total	0.1029	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.1000e-004

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Regulatory Compliance	5.9672	0.0258	6.6000e-004	6.8064
Baseline	5.9672	0.0258	6.6000e-004	6.8064

7.2 Water by Land Use

Baseline

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.775668 / 1.99457	5.9672	0.0258	6.6000e-004	6.8064
Total		5.9672	0.0258	6.6000e-004	6.8064

Regulatory Compliance

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.775668 / 1.99457	5.9672	0.0258	6.6000e-004	6.8064
Total		5.9672	0.0258	6.6000e-004	6.8064

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Regulatory Compliance	7.0580	0.4171	0.0000	17.4859
Baseline	7.0580	0.4171	0.0000	17.4859

8.2 Waste by Land Use

Baseline

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	34.77	7.0580	0.4171	0.0000	17.4859
Total		7.0580	0.4171	0.0000	17.4859

Regulatory Compliance

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	34.77	7.0580	0.4171	0.0000	17.4859
Total		7.0580	0.4171	0.0000	17.4859

Sunny Sands Construction - Phase 2-3 - Riverside-Salton Sea County, Annual

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

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation



APPENDIX E.2

Operations

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Annual

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

Sunny Sands Operation - Existing to be Removed

Riverside-Salton Sea County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	41.74	1000sqft	11.20	41,736.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project site is 11.2 acres.

Construction Phase - Operation only.

Vehicle Trips - Student capacity is 1,279. Assumed 5,257 daily trips (4.11 trips per student per ITE Trip Generation Manual).

Area Coating - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Energy Use -

Area Mitigation - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Annual

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

2.2 Overall Operational

Baseline 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	0.1727	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.5000e-004	7.5000e-004	0.0000	0.0000	8.0000e-004
Energy	2.2100e-003	0.0201	0.0169	1.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	93.3419	93.3419	6.4500e-003	1.1300e-003	93.8406
Mobile	1.7539	2.8176	16.1814	0.0352	3.4644	0.0350	3.4994	0.9257	0.0329	0.9586	0.0000	3,256.7653	3,256.7653	0.1947	0.1776	3,314.5446
Waste						0.0000	0.0000		0.0000	0.0000	11.0143	0.0000	11.0143	0.6509	0.0000	27.2874
Water						0.0000	0.0000		0.0000	0.0000	0.3840	8.9271	9.3111	0.0402	1.0200e-003	10.6206
Total	1.9288	2.8378	16.1987	0.0354	3.4644	0.0365	3.5009	0.9257	0.0344	0.9602	11.3983	3,359.0351	3,370.4333	0.8923	0.1797	3,446.2940

Regulatory Compliance 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	0.1605	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.5000e-004	7.5000e-004	0.0000	0.0000	8.0000e-004
Energy	2.2100e-003	0.0201	0.0169	1.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	93.3419	93.3419	6.4500e-003	1.1300e-003	93.8406
Mobile	1.7539	2.8176	16.1814	0.0352	3.4644	0.0350	3.4994	0.9257	0.0329	0.9586	0.0000	3,256.7653	3,256.7653	0.1947	0.1776	3,314.5446
Waste						0.0000	0.0000		0.0000	0.0000	11.0143	0.0000	11.0143	0.6509	0.0000	27.2874
Water						0.0000	0.0000		0.0000	0.0000	0.3840	8.9271	9.3111	0.0402	1.0200e-003	10.6206
Total	1.9166	2.8378	16.1987	0.0354	3.4644	0.0365	3.5009	0.9257	0.0344	0.9602	11.3983	3,359.0351	3,370.4333	0.8923	0.1797	3,446.2940

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/18/2022	2/17/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Annual

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Regulatory Compliance	1.7539	2.8176	16.1814	0.0352	3.4644	0.0350	3.4994	0.9257	0.0329	0.9586	0.0000	3,256.7653	3,256.7653	0.1947	0.1776	3,314.5446
Baseline	1.7539	2.8176	16.1814	0.0352	3.4644	0.0350	3.4994	0.9257	0.0329	0.9586	0.0000	3,256.7653	3,256.7653	0.1947	0.1776	3,314.5446

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Baseline	Regulatory Compliance
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	5,257.49	0.00	0.00	9,155,928	9,155,928
Total	5,257.49	0.00	0.00	9,155,928	9,155,928

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
Elementary School	12.50	4.20	5.40	65.00	30.00	5.00	63	25	12

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Annual

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.531022	0.055789	0.171983	0.143721	0.027315	0.007422	0.011813	0.018850	0.000630	0.000321	0.024273	0.001102	0.005759

5.0 Energy Detail

Historical Energy Use: Y

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 Regulatory Compliance						0.0000	0.0000		0.0000	0.0000	0.0000	71.4263	71.4263	6.0300e-003	7.3000e-004	71.7948
Electricity Baseline						0.0000	0.0000		0.0000	0.0000	0.0000	71.4263	71.4263	6.0300e-003	7.3000e-004	71.7948
NaturalGas Regulatory Compliance	2.2100e-003	0.0201	0.0169	1.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	21.9156	21.9156	4.2000e-004	4.0000e-004	22.0458
NaturalGas Baseline	2.2100e-003	0.0201	0.0169	1.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	21.9156	21.9156	4.2000e-004	4.0000e-004	22.0458

5.2 Energy by Land Use - NaturalGas

Baseline

	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					
Elementary School	410682	2.2100e-003	0.0201	0.0169	1.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	21.9156	21.9156	4.2000e-004	4.0000e-004	22.0458
Total		2.2100e-003	0.0201	0.0169	1.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	21.9156	21.9156	4.2000e-004	4.0000e-004	22.0458

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Annual

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

Regulatory Compliance

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	410682	2.2100e-003	0.0201	0.0169	1.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	21.9156	21.9156	4.2000e-004	4.0000e-004	22.0458
Total		2.2100e-003	0.0201	0.0169	1.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	21.9156	21.9156	4.2000e-004	4.0000e-004	22.0458

5.3 Energy by Land Use - Electricity

Baseline

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	402752	71.4263	6.0300e-003	7.3000e-004	71.7948
Total		71.4263	6.0300e-003	7.3000e-004	71.7948

Regulatory Compliance

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	402752	71.4263	6.0300e-003	7.3000e-004	71.7948
Total		71.4263	6.0300e-003	7.3000e-004	71.7948

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Annual

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

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Regulatory Compliance	0.1605	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.5000e-004	7.5000e-004	0.0000	0.0000	8.0000e-004
Baseline	0.1727	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.5000e-004	7.5000e-004	0.0000	0.0000	8.0000e-004

6.2 Area by SubCategory

Baseline

	ROG	NOx	CO	SO2	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	9.6700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1630					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.0000e-005	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.5000e-004	7.5000e-004	0.0000	0.0000	8.0000e-004
Total	0.1727	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.5000e-004	7.5000e-004	0.0000	0.0000	8.0000e-004

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Annual

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

Regulatory Compliance

	ROG	NOx	CO	SO2	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	9.6700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1508					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.0000e-005	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.5000e-004	7.5000e-004	0.0000	0.0000	8.0000e-004
Total	0.1605	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.5000e-004	7.5000e-004	0.0000	0.0000	8.0000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Regulatory Compliance	9.3111	0.0402	1.0200e-003	10.6206
Baseline	9.3111	0.0402	1.0200e-003	10.6206

7.2 Water by Land Use

Baseline

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	1.21033 / 3.11228	9.3111	0.0402	1.0200e-003	10.6206
Total		9.3111	0.0402	1.0200e-003	10.6206

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Annual

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

Regulatory Compliance

Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e	
Land Use	Mgal	MT/yr			
Elementary School	1.21033 / 3.11228	9.3111	0.0402	1.0200e-003	10.6206
Total		9.3111	0.0402	1.0200e-003	10.6206

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Regulatory Compliance	11.0143	0.6509	0.0000	27.2874
Baseline	11.0143	0.6509	0.0000	27.2874

8.2 Waste by Land Use

Baseline

Waste Disposed	Total CO2	CH4	N2O	CO2e	
Land Use	tons	MT/yr			
Elementary School	54.26	11.0143	0.6509	0.0000	27.2874
Total		11.0143	0.6509	0.0000	27.2874

Sunny Sands Operation - Existing to be Removed - Riverside-Salton Sea County, Annual

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

Regulatory Compliance

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	54.26	11.0143	0.6509	0.0000	27.2874
Total		11.0143	0.6509	0.0000	27.2874

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Annual

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

Sunny Sands Operation - Proposed Uses

Riverside-Salton Sea County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	58.95	1000sqft	11.20	58,946.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project site is 11.2 acres.

Construction Phase - Operation only.

Vehicle Trips - Student capacity would remain 1,279. Assumed 5,257 daily trips (4.11 trips per student per ITE Trip Generation Manual).

Area Coating - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Area Mitigation - Consistent with SCAQMD Rule 1113 assumed VOC content of 50 grams per liter for architectural coatings.

Water Mitigation -

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Annual

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

2.2 Overall Operational

Baseline 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	0.2439	0.0000	5.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1200e-003
Energy	2.7600e-003	0.0251	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	100.6163	100.6163	6.7100e-003	1.2500e-003	101.1568
Mobile	1.4488	2.0315	13.4021	0.0308	3.4617	0.0249	3.4866	0.9246	0.0234	0.9480	0.0000	2,851.3843	2,851.3843	0.1603	0.1488	2,899.7438
Waste						0.0000	0.0000		0.0000	0.0000	15.5572	0.0000	15.5572	0.9194	0.0000	38.5424
Water						0.0000	0.0000		0.0000	0.0000	0.5423	12.6078	13.1501	0.0568	1.4400e-003	14.9996
Total	1.6955	2.0566	13.4238	0.0310	3.4617	0.0268	3.4885	0.9246	0.0253	0.9499	16.0995	2,964.6095	2,980.7090	1.1431	0.1515	3,054.4437

Regulatory Compliance 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	0.2267	0.0000	5.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1200e-003
Energy	2.7600e-003	0.0251	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	100.6163	100.6163	6.7100e-003	1.2500e-003	101.1568
Mobile	1.4488	2.0315	13.4021	0.0308	3.4617	0.0249	3.4866	0.9246	0.0234	0.9480	0.0000	2,851.3843	2,851.3843	0.1603	0.1488	2,899.7438
Waste						0.0000	0.0000		0.0000	0.0000	15.5572	0.0000	15.5572	0.9194	0.0000	38.5424
Water						0.0000	0.0000		0.0000	0.0000	0.4338	11.2901	11.7239	0.0455	1.1700e-003	13.2097
Total	1.6783	2.0566	13.4238	0.0310	3.4617	0.0268	3.4885	0.9246	0.0253	0.9499	15.9911	2,963.2917	2,979.2828	1.1319	0.1513	3,052.6538

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.04	0.05	0.98	0.18	0.06

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/18/2022	2/17/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Annual

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

Regulatory Compliance Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Regulatory Compliance	1.4488	2.0315	13.4021	0.0308	3.4617	0.0249	3.4866	0.9246	0.0234	0.9480	0.0000	2,851.3843	2,851.3843	0.1603	0.1488	2,899.7438
Baseline	1.4488	2.0315	13.4021	0.0308	3.4617	0.0249	3.4866	0.9246	0.0234	0.9480	0.0000	2,851.3843	2,851.3843	0.1603	0.1488	2,899.7438

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Baseline	Regulatory Compliance
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	5,257.34	0.00	0.00	9,155,668	9,155,668
Total	5,257.34	0.00	0.00	9,155,668	9,155,668

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
Elementary School	12.50	4.20	5.40	65.00	30.00	5.00	63	25	12

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Annual

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.542916	0.056689	0.174450	0.134041	0.024680	0.006960	0.011589	0.018600	0.000608	0.000298	0.023389	0.001091	0.004689

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 Regulatory Compliance						0.0000	0.0000		0.0000	0.0000	0.0000	73.2812	73.2812	6.1900e-003	7.5000e-004	73.6593
Electricity Baseline						0.0000	0.0000		0.0000	0.0000	0.0000	73.2812	73.2812	6.1900e-003	7.5000e-004	73.6593
NaturalGas Regulatory Compliance	2.7600e-003	0.0251	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	27.3351	27.3351	5.2000e-004	5.0000e-004	27.4976
NaturalGas Baseline	2.7600e-003	0.0251	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	27.3351	27.3351	5.2000e-004	5.0000e-004	27.4976

5.2 Energy by Land Use - NaturalGas

Baseline

	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					
Elementary School	512241	2.7600e-003	0.0251	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	27.3351	27.3351	5.2000e-004	5.0000e-004	27.4976
Total		2.7600e-003	0.0251	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	27.3351	27.3351	5.2000e-004	5.0000e-004	27.4976

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Annual

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

Regulatory Compliance

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	512241	2.7600e-003	0.0251	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	27.3351	27.3351	5.2000e-004	5.0000e-004	27.4976
Total		2.7600e-003	0.0251	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	27.3351	27.3351	5.2000e-004	5.0000e-004	27.4976

5.3 Energy by Land Use - Electricity

Baseline

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	413211	73.2812	6.1900e-003	7.5000e-004	73.6593
Total		73.2812	6.1900e-003	7.5000e-004	73.6593

Regulatory Compliance

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	413211	73.2812	6.1900e-003	7.5000e-004	73.6593
Total		73.2812	6.1900e-003	7.5000e-004	73.6593

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Annual

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

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Regulatory Compliance	0.2267	0.0000	5.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1200e-003
Baseline	0.2439	0.0000	5.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1200e-003

6.2 Area by SubCategory

Baseline

	ROG	NOx	CO	SO2	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	0.0137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2302					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	0.0000	5.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1200e-003
Total	0.2439	0.0000	5.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1200e-003

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Annual

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

Regulatory Compliance

	ROG	NOx	CO	SO2	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	0.0137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2130					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	0.0000	5.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1200e-003
Total	0.2267	0.0000	5.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1200e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Regulatory Compliance	11.7239	0.0455	1.1700e-003	13.2097
Baseline	13.1501	0.0568	1.4400e-003	14.9996

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Annual

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

7.2 Water by Land Use

Baseline

Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e	
Land Use	Mgal	MT/yr			
Elementary School	1.70937 / 4.39552	13.1501	0.0568	1.4400e-003	14.9996
Total		13.1501	0.0568	1.4400e-003	14.9996

Regulatory Compliance

Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e	
Land Use	Mgal	MT/yr			
Elementary School	1.36749 / 4.12739	11.7239	0.0455	1.1700e-003	13.2097
Total		11.7239	0.0455	1.1700e-003	13.2097

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Regulatory Compliance	15.5572	0.9194	0.0000	38.5424
Baseline	15.5572	0.9194	0.0000	38.5424

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Annual

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

8.2 Waste by Land Use

Baseline

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	76.64	15.5572	0.9194	0.0000	38.5424
Total		15.5572	0.9194	0.0000	38.5424

Regulatory Compliance

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	76.64	15.5572	0.9194	0.0000	38.5424
Total		15.5572	0.9194	0.0000	38.5424

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

Sunny Sands Operation - Proposed Uses - Riverside-Salton Sea County, Annual

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation



APPENDIX F

EDR Report

Sunny Sands Elementary School

69310 McCallum Way
Cathedral City, CA 92234

Inquiry Number: 6347086.10s
January 27, 2021

The EDR Radius Map™ Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	20
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

69310 MCCALLUM WAY
CATHEDRAL CITY, CA 92234

COORDINATES

Latitude (North): 33.8232710 - 33° 49' 23.77"
Longitude (West): 116.4528550 - 116° 27' 10.27"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 550633.5
UTM Y (Meters): 3742501.5
Elevation: 363 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5639316 CATHEDRAL CITY, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140521
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 69310 MCCALLUM WAY
 CATHEDRAL CITY, CA 92234

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	PALM SPRINGS SS	69310 MCCALLUM WAY	HAZNET, NPDES, HWTS		TP
Reg	AGUA CALIENTE INDIAN		INDIAN RESERV	Same	2639, 0.500, South
Reg	AGUA CALIENTE INDIAN		INDIAN RESERV	Same	3696, 0.700, East
Reg	AGUA CALIENTE INDIAN		INDIAN RESERV	Same	2671, 0.506, North
2	DJ AND CO TRUCKING	69401 SHAWNEE CT	RCRA NonGen / NLR	Lower	638, 0.121, NE
3	REGIONAL LEARNING CE	DATE PALM DRIVE	ENVIROSTOR, SCH	Higher	2186, 0.414, NW
4	RIO VISTA VILLAGE	VERONA ROAD/AVENIDA	ENVIROSTOR, SCH, CERS	Higher	2261, 0.428, West

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
PALM SPRINGS SS 69310 MCCALLUM WAY CATHEDRAL CITY, CA 92234	HAZNET GEPaid: CAC002566982 NPDES HWTS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

EXECUTIVE SUMMARY

RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
UST..... Active UST Facilities
AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database

EXECUTIVE SUMMARY

HAULERS.....	Registered Waste Tire Haulers Listing
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
ODI.....	Open Dump Inventory
IHS OPEN DUMPS.....	Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL.....	Delisted National Clandestine Laboratory Register
HIST Cal-Sites.....	Historical Calsites Database
SCH.....	School Property Evaluation Program
CDL.....	Clandestine Drug Labs
CERS HAZ WASTE.....	CERS HAZ WASTE
Toxic Pits.....	Toxic Pits Cleanup Act Sites
US CDL.....	National Clandestine Laboratory Register
PFAS.....	PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

SWEEPS UST.....	SWEEPS UST Listing
HIST UST.....	Hazardous Substance Storage Container Database
CERS TANKS.....	California Environmental Reporting System (CERS) Tanks
CA FID UST.....	Facility Inventory Database

Local Land Records

LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information
DEED.....	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing
SPILLS 90.....	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System

EXECUTIVE SUMMARY

FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	ICE
HIST CORTESE.....	Hazardous Waste & Substance Site List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
CIWQS.....	California Integrated Water Quality System
CERS.....	CERS
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR Hist Auto..... EDR Exclusive Historical Auto Stations
EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/26/2020 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>REGIONAL LEARNING CE</i> Facility Id: 33650016 Status: No Action Required	<i>DATE PALM DRIVE</i>	<i>NW 1/4 - 1/2 (0.414 mi.)</i>	<i>3</i>	<i>14</i>
<i>RIO VISTA VILLAGE</i> Facility Id: 33000004 Status: No Action Required	<i>VERONA ROAD/AVENIDA</i>	<i>W 1/4 - 1/2 (0.428 mi.)</i>	<i>4</i>	<i>17</i>

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DJ AND CO TRUCKING EPA ID:: CAR000188722	69401 SHAWNEE CT	NE 0 - 1/8 (0.121 mi.)	2	12

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

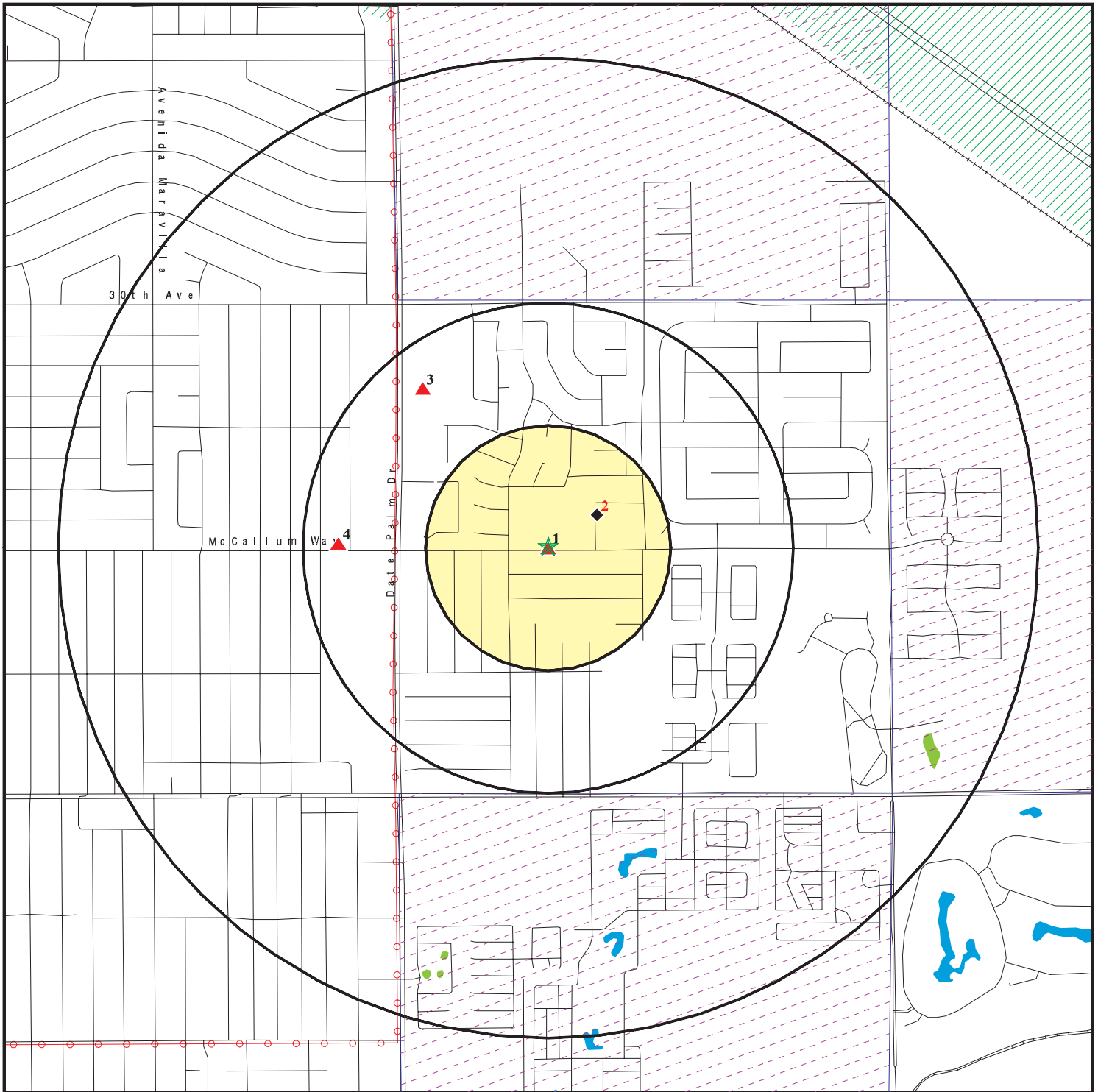
A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there are 3 INDIAN RESERV sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AGUA CALIENTE INDIAN		S 1/4 - 1/2 (0.500 mi.)	0	11
AGUA CALIENTE INDIAN		E 1/2 - 1 (0.700 mi.)	0	11
AGUA CALIENTE INDIAN		N 1/2 - 1 (0.506 mi.)	0	11

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6347086.10S



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

☒ National Priority List Sites

☒ Dept. Defense Sites

☒ Indian Reservations BIA

⚡ Power transmission lines

▨ Special Flood Hazard Area (1%)

▨ 0.2% Annual Chance Flood Hazard

■ National Wetland Inventory

■ State Wetlands

☒ Areas of Concern

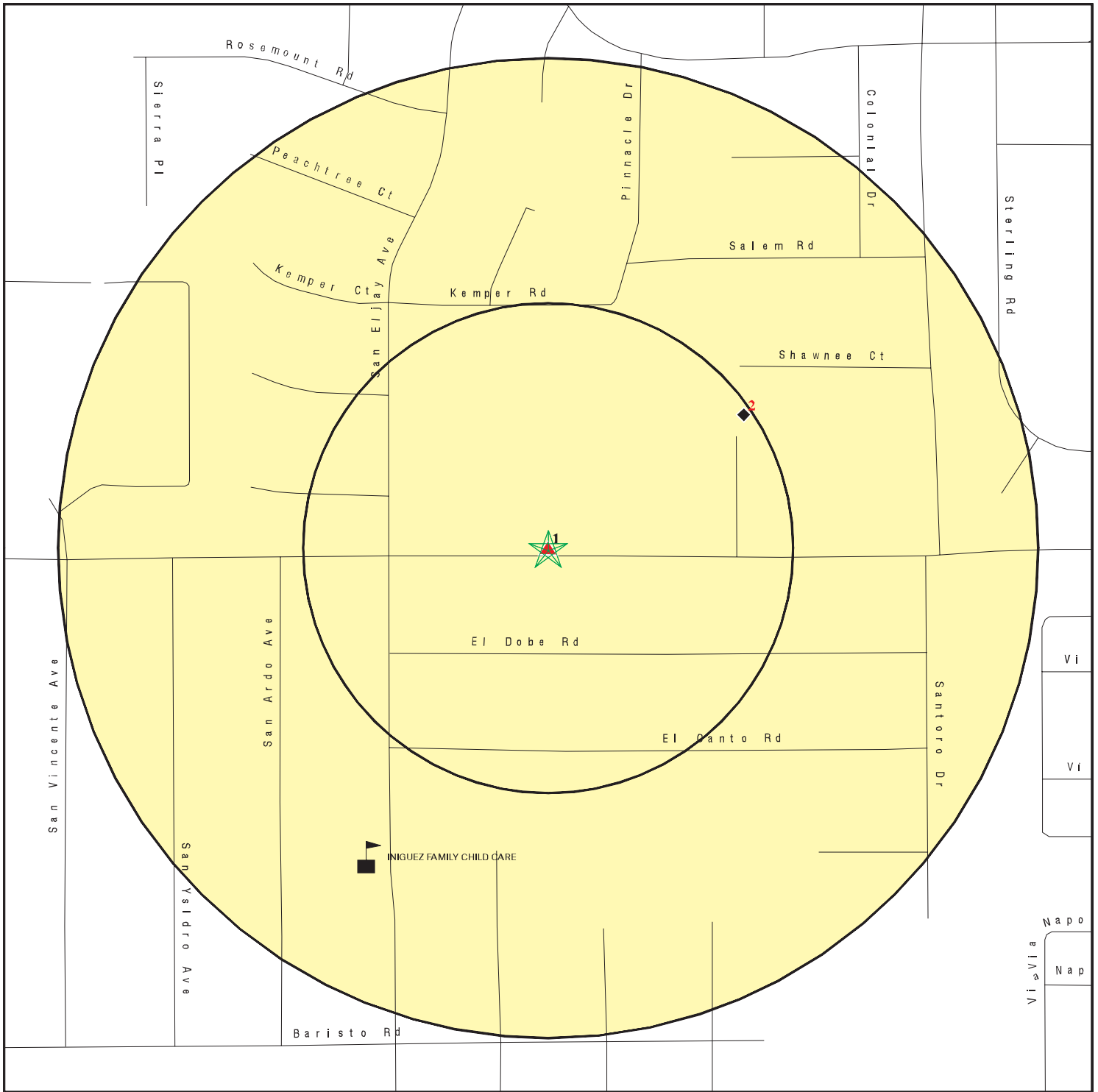









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Sunny Sands Elementary School
 ADDRESS: 69310 McCallum Way
 Cathedral City CA 92234
 LAT/LONG: 33.823271 / 116.452855





CLIENT: Meridian Consultants LLC
 CONTACT: Zulema Renteria
 INQUIRY #: 6347086.10s
 DATE: January 27, 2021 7:21 pm

DETAIL MAP - 6347086.10S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites



-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Sunny Sands Elementary School
 ADDRESS: 69310 McCallum Way
 Cathedral City CA 92234
 LAT/LONG: 33.823271 / 116.452855

CLIENT: Meridian Consultants LLC
 CONTACT: Zulema Renteria
 INQUIRY #: 6347086.10s
 DATE: January 27, 2021 7:22 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		0	0	2	0	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	1	2	NR	3
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	1	NR	NR	NR	NR	NR	1
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP	1	NR	NR	NR	NR	NR	1
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	TP	1	NR	NR	NR	NR	NR	1

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals --		3	1	0	3	2	0	9
-------------	--	---	---	---	---	---	---	---

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
-----------------	--	----------------------------	-----------------	------------------	------------------	----------------	---------------	--------------------------

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
Target
Property

PALM SPRINGS SS
69310 MCCALLUM WAY
CATHEDRAL CITY, CA 92234

HAZNET
NPDES
HWTS

S112930907
N/A

Actual:
363 ft.

HAZNET:
Name: SUNNY SAMDS ELEMENTARY
Address: 69310 MCCALLUM WAY
Address 2: Not reported
City,State,Zip: CATHEDRAL CITY, CA 92234
Contact: PAT MCALONEY/ADMIN ASSIST
Telephone: 7604168301
Mailing Name: Not reported
Mailing Address: 2901 E ALEJO

Year: 2003
Gepaid: CAC002566982
TSD EPA ID: CAD028409019
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.045

Additional Info:
Year: 2003
Gen EPA ID: CAC002566982

Shipment Date: 20030711
Creation Date: 7/26/2004 18:30:41
Receipt Date: 20030718
Manifest ID: 22416406
Trans EPA ID: CAR000049064
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD028409019
Trans Name: Not reported
TSD Alt EPA ID: CAD028409019
TSD Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D008
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0275
Waste Quantity: 55
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030711
Creation Date: 7/26/2004 18:30:41
Receipt Date: 20030718
Manifest ID: 22416405
Trans EPA ID: CAR000049064
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD028409019

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PALM SPRINGS SS (Continued)

S112930907

Trans Name: Not reported
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D008
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0175
Waste Quantity: 35
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

NPDES:

Name: PALM SPRINGS SS
Address: 69310 MCCALLUM WAY
City,State,Zip: CATHEDRAL CITY, CA 92234
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 7 33W004510
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Expired
Status Date: 06/22/2020
Operator Name: Borrego Solar
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

HWTS:

Name: SUNNY SAMDS ELEMENTARY
Address: 69310 MCCALLUM WAY
Address 2: Not reported
City,State,Zip: CATHEDRAL CITY, CA 92234
EPA ID: CAC002566982
Inactive Date: 12/23/2003
Create Date: 06/25/2003
Last Act Date: 06/25/2003
Mailing Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PALM SPRINGS SS (Continued)

S112930907

Mailing Address: 2901 E ALEJO
Mailing Address 2: Not reported
Mailing City,State,Zip: PALM SPRINGS, CA 92262
Owner Name: PALM SPRINGS USD
Owner Address: 2901 E ALEJO
Owner Address 2: Not reported
Owner City,State,Zip: PALM SPRINGS, CA 92262
Contact Name: PAT MCALONEY/ADMIN ASSIST
Contact Address: 2901 E ALEJO
Contact Address 2: Not reported
City,State,Zip: PALM SPRINGS, CA 92262

**IND RES
Region
South
1/4-1/2
2639 ft.**

**AGUA CALIENTE INDIAN RESERVATION
, CA**

INDIAN RESERV

**CIND200697
N/A**

INDIAN RESERV:

Feature: Indian Reservation
Name: Agua Caliente Indian Reservation
Agency: BIA

**IND RES
Region
East
1/2-1
3696 ft.**

**AGUA CALIENTE INDIAN RESERVATION
, CA**

INDIAN RESERV

**CIND200688
N/A**

INDIAN RESERV:

Feature: Indian Reservation
Name: Agua Caliente Indian Reservation
Agency: BIA

**IND RES
Region
North
1/2-1
2671 ft.**

**AGUA CALIENTE INDIAN RESERVATION
, CA**

INDIAN RESERV

**CIND200685
N/A**

INDIAN RESERV:

Feature: Indian Reservation
Name: Agua Caliente Indian Reservation
Agency: BIA

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

2
NE
 < 1/8
 0.121 mi.
 638 ft.

DJ AND CO TRUCKING
69401 SHAWNEE CT
CATHEDRAL CITY, CA 92234

RCRA NonGen / NLR **1010562251**
CAR000188722

Relative:
Lower
Actual:
362 ft.

RCRA NonGen / NLR:		2007-11-17 00:00:00.0
Date Form Received by Agency:		
Handler Name:	DJ AND CO TRUCKING	
Handler Address:	69401 SHAWNEE CT	
Handler City,State,Zip:	CATHEDRAL CITY, CA 92234	
EPA ID:	CAR000188722	
Contact Name:	DAVID J GUTIERREZ	
Contact Address:	69401 SHAWNEE CT	
Contact City,State,Zip:	CATHEDRAL CITY, CA 92234	
Contact Telephone:	760-861-4208	
Contact Fax:	Not reported	
Contact Email:	BADCAT57@MSN.COM	
Contact Title:	Not reported	
EPA Region:	09	
Land Type:	Private	
Federal Waste Generator Description:	Not a generator, verified	
Non-Notifier:	Not reported	
Biennial Report Cycle:	Not reported	
Accessibility:	Not reported	
Active Site Indicator:	Handler Activities	
State District Owner:	Not reported	
State District:	Not reported	
Mailing Address:	69401 SHAWNEE CT	
Mailing City,State,Zip:	CATHEDRAL CITY, CA 92234	
Owner Name:	DAVID J GUTIERREZ	
Owner Type:	Private	
Operator Name:	DAVID J GUTIERREZ	
Operator Type:	Private	
Short-Term Generator Activity:	No	
Importer Activity:	No	
Mixed Waste Generator:	No	
Transporter Activity:	Yes	
Transfer Facility Activity:	No	
Recycler Activity with Storage:	No	
Small Quantity On-Site Burner Exemption:	No	
Smelting Melting and Refining Furnace Exemption:	No	
Underground Injection Control:	No	
Off-Site Waste Receipt:	No	
Universal Waste Indicator:	No	
Universal Waste Destination Facility:	No	
Federal Universal Waste:	No	
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
Active Site Converter Treatment storage and Disposal Facility:	Not reported	
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
Active Site State-Reg Handler:	---	
Federal Facility Indicator:	Not reported	
Hazardous Secondary Material Indicator:	NN	
Sub-Part K Indicator:	Not reported	
Commercial TSD Indicator:	No	
Treatment Storage and Disposal Type:	Not reported	
2018 GPRA Permit Baseline:	Not on the Baseline	
2018 GPRA Renewals Baseline:	Not on the Baseline	
Permit Renewals Workload Universe:	Not reported	

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DJ AND CO TRUCKING (Continued)

1010562251

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2007-11-20 15:18:06.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAVID J GUTIERREZ
Legal Status:	Private
Date Became Current:	2005-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	69401 SHAWNEE CT
Owner/Operator City,State,Zip:	CATHEDRAL CITY, CA 92234
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID J GUTIERREZ
Legal Status:	Private
Date Became Current:	2005-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DJ AND CO TRUCKING (Continued)

1010562251

Owner/Operator Telephone: Not reported
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2007-11-17 00:00:00.0
 Handler Name: DJ AND CO TRUCKING
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 48423
 NAICS Description: SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LONG-DISTANCE

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

3
NW
1/4-1/2
0.414 mi.
2186 ft.

REGIONAL LEARNING CENTER - CATHEDRAL
DATE PALM DRIVE
CATHEDRAL CITY, CA 92234

ENVIROSTOR **S118756739**
SCH **N/A**

Relative:
Higher
Actual:
373 ft.

ENVIROSTOR:
 Name: REGIONAL LEARNING CENTER - CATHEDRAL
 Address: DATE PALM DRIVE
 City,State,Zip: CATHEDRAL CITY, CA 92234
 Facility ID: 33650016
 Status: No Action Required
 Status Date: 12/08/2003
 Site Code: 404497
 Site Type: School Investigation
 Site Type Detailed: School
 Acres: 10
 NPL: NO
 Regulatory Agencies: DTSC
 Lead Agency: DTSC
 Program Manager: Angela Garcia
 Supervisor: Shahir Haddad
 Division Branch: Southern California Schools & Brownfields Outreach
 Assembly: 56
 Senate: 28
 Special Program: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REGIONAL LEARNING CENTER - CATHEDRAL (Continued)

S118756739

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.82800
Longitude: -116.4573
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: REGIONAL LEARNING CENTER - CATHEDRAL
Alias Type: Alternate Name
Alias Name: RIVERSIDE CO. OFFICE OF EDUCATION
Alias Type: Alternate Name
Alias Name: RIVERSIDE COE-REGIONAL LEARNING CENTER
Alias Type: Alternate Name
Alias Name: 404497
Alias Type: Project Code (Site Code)
Alias Name: 33650016
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 12/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/21/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/11/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: REGIONAL LEARNING CENTER - CATHEDRAL
Address: DATE PALM DRIVE
City,State,Zip: CATHEDRAL CITY, CA 92234
Facility ID: 33650016
Site Type: School Investigation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REGIONAL LEARNING CENTER - CATHEDRAL (Continued)

S118756739

Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC
Project Manager: Angela Garcia
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404497
Assembly: 56
Senate: 28
Special Program Status: Not reported
Status: No Action Required
Status Date: 12/08/2003
Restricted Use: NO
Funding: School District
Latitude: 33.82800
Longitude: -116.4573
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: REGIONAL LEARNING CENTER - CATHEDRAL
Alias Type: Alternate Name
Alias Name: RIVERSIDE CO. OFFICE OF EDUCATION
Alias Type: Alternate Name
Alias Name: RIVERSIDE COE-REGIONAL LEARNING CENTER
Alias Type: Alternate Name
Alias Name: 404497
Alias Type: Project Code (Site Code)
Alias Name: 33650016
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 12/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/21/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/11/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REGIONAL LEARNING CENTER - CATHEDRAL (Continued)

S118756739

Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

4
West
1/4-1/2
0.428 mi.
2261 ft.

RIO VISTA VILLAGE
VERONA ROAD/AVENIDA
CATHEDRAL CITY, CA 92234

ENVIROSTOR S118756694
SCH N/A
CERS

Relative:
Higher
Actual:
373 ft.

ENVIROSTOR:
Name: RIO VISTA VILLAGE
Address: VERONA ROAD/AVENIDA
City,State,Zip: CATHEDRAL CITY, CA 92234
Facility ID: 33000004
Status: No Action Required
Status Date: 01/12/2001
Site Code: 404186
Site Type: School Investigation
Site Type Detailed: School
Acres: 12.03
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 56
Senate: 28
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.82339
Longitude: -116.4603
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: PALM SPRINGS UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: PALM SPRINGS USD-VERONA RD & AVE QUINTAN
Alias Type: Alternate Name
Alias Name: RIO VISTA VILLAGE SITE (PROPOSED)
Alias Type: Alternate Name
Alias Name: 404186
Alias Type: Project Code (Site Code)
Alias Name: 33000004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIO VISTA VILLAGE (Continued)

S118756694

Completed Date: 01/12/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/30/2001
Comments: CRU Memo

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: RIO VISTA VILLAGE
Address: VERONA ROAD/AVENIDA
City,State,Zip: CATHEDRAL CITY, CA 92234
Facility ID: 33000004
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 12.03
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404186
Assembly: 56
Senate: 28
Special Program Status: Not reported
Status: No Action Required
Status Date: 01/12/2001
Restricted Use: NO
Funding: School District
Latitude: 33.82339
Longitude: -116.4603
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: PALM SPRINGS UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: PALM SPRINGS USD-VERONA RD & AVE QUINTAN
Alias Type: Alternate Name
Alias Name: RIO VISTA VILLAGE SITE (PROPOSED)
Alias Type: Alternate Name

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIO VISTA VILLAGE (Continued)

S118756694

Alias Name: 404186
Alias Type: Project Code (Site Code)
Alias Name: 33000004
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/12/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/30/2001
Comments: CRU Memo

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS:

Name: RIO VISTA VILLAGE
Address: VERONA ROAD/AVENIDA
City,State,Zip: CATHEDRAL CITY, CA 92234
Site ID: 371591
CERS ID: 33000004
CERS Description: School Investigation

Affiliation:

Affiliation Type Desc: Supervisor
Entity Name: JAVIER HINOJOSA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/28/2020	Source: EPA
Date Data Arrived at EDR: 11/05/2020	Telephone: N/A
Date Made Active in Reports: 11/25/2020	Last EDR Contact: 01/14/2021
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/28/2020	Source: EPA
Date Data Arrived at EDR: 11/05/2020	Telephone: N/A
Date Made Active in Reports: 11/25/2020	Last EDR Contact: 01/14/2021
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/28/2020	Source: EPA
Date Data Arrived at EDR: 11/05/2020	Telephone: 800-424-9346
Date Made Active in Reports: 11/25/2020	Last EDR Contact: 01/14/2021
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020	Source: EPA
Date Data Arrived at EDR: 12/17/2020	Telephone: 800-424-9346
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/06/2020	Source: Department of the Navy
Date Data Arrived at EDR: 08/21/2020	Telephone: 843-820-7326
Date Made Active in Reports: 11/11/2020	Last EDR Contact: 11/05/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 02/22/2021
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/28/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2020	Telephone: 703-603-0695
Date Made Active in Reports: 11/18/2020	Last EDR Contact: 11/05/2020
Number of Days to Update: 13	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/28/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2020	Telephone: 703-603-0695
Date Made Active in Reports: 11/18/2020	Last EDR Contact: 11/05/2020
Number of Days to Update: 13	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/15/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 7

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/09/2020
Date Data Arrived at EDR: 11/10/2020
Date Made Active in Reports: 01/14/2021
Number of Days to Update: 65

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/10/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020	Source: EPA, Region 5
Date Data Arrived at EDR: 05/20/2020	Telephone: 312-886-7439
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020	Source: EPA Region 4
Date Data Arrived at EDR: 05/26/2020	Telephone: 404-562-8677
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/20/2020	Telephone: 415-972-3372
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020	Source: EPA Region 8
Date Data Arrived at EDR: 05/20/2020	Telephone: 303-312-6271
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2020	Telephone: 913-551-7003
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-6597
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/08/2020	Telephone: 866-480-1028
Date Made Active in Reports: 11/30/2020	Last EDR Contact: 12/04/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/22/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 07/21/2020
Date Data Arrived at EDR: 09/03/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 83

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/03/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/03/2020
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020	Source: EPA, Region 1
Date Data Arrived at EDR: 05/20/2020	Telephone: 617-918-1313
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020	Source: EPA Region 8
Date Data Arrived at EDR: 05/20/2020	Telephone: 303-312-6137
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020	Source: EPA Region 4
Date Data Arrived at EDR: 05/26/2020	Telephone: 404-562-9424
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020	Source: EPA Region 5
Date Data Arrived at EDR: 05/20/2020	Telephone: 312-886-6136
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/15/2020
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/26/2020	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/26/2020	Telephone: 916-323-3400
Date Made Active in Reports: 01/13/2021	Last EDR Contact: 01/26/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/10/2021
	Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/21/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/22/2020	Telephone: 916-323-7905
Date Made Active in Reports: 12/11/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 80	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2020	Telephone: 202-566-2777
Date Made Active in Reports: 12/10/2020	Last EDR Contact: 12/11/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 03/29/2021
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/30/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/19/2020	Telephone: 202-307-1000
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 11/16/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/26/2020	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/26/2020	Telephone: 916-323-3400
Date Made Active in Reports: 01/13/2021	Last EDR Contact: 01/26/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/10/2021
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/28/2020	Telephone: 916-255-6504
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/19/2020	Source: CalEPA
Date Data Arrived at EDR: 10/19/2020	Telephone: 916-323-2514
Date Made Active in Reports: 01/07/2021	Last EDR Contact: 01/20/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 05/20/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/06/2020
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/26/2020
Date Data Arrived at EDR: 08/28/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/31/2020	Source: DTSC and SWRCB
Date Data Arrived at EDR: 08/31/2020	Telephone: 916-323-3400
Date Made Active in Reports: 11/20/2020	Last EDR Contact: 12/01/2020
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/15/2021
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/20/2020	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/22/2020	Telephone: 202-366-4555
Date Made Active in Reports: 12/14/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/30/2020	Source: Office of Emergency Services
Date Data Arrived at EDR: 10/19/2020	Telephone: 916-845-8400
Date Made Active in Reports: 01/07/2021	Last EDR Contact: 01/20/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/08/2020	Telephone: 866-480-1028
Date Made Active in Reports: 11/30/2020	Last EDR Contact: 12/04/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/22/2021
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/08/2020	Telephone: 866-480-1028
Date Made Active in Reports: 11/30/2020	Last EDR Contact: 12/04/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/22/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 09/29/2020	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 11/17/2020	Telephone: 202-528-4285
Date Made Active in Reports: 01/25/2021	Last EDR Contact: 11/17/2020
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/01/2021
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/15/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 01/07/2021
Number of Days to Update: 574	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/21/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/21/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2020
Date Data Arrived at EDR: 11/12/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 202-564-6023
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 01/14/2021
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/15/2021
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019	Source: EPA
Date Data Arrived at EDR: 10/11/2019	Telephone: 202-566-0500
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 01/08/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/30/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/10/2020	Telephone: 301-415-7169
Date Made Active in Reports: 10/08/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018	Source: Department of Energy
Date Data Arrived at EDR: 12/04/2019	Telephone: 202-586-8719
Date Made Active in Reports: 01/15/2020	Last EDR Contact: 12/01/2020
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/15/2021
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 11/30/2020
Number of Days to Update: 251	Next Scheduled EDR Contact: 03/15/2021
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 11/06/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 02/15/2021
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 01/08/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/27/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/08/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 88

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/20/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/24/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/16/2020
Date Data Arrived at EDR: 09/17/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/04/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 10/03/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/17/2020
Number of Days to Update: 71	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018	Source: Department of Defense
Date Data Arrived at EDR: 07/02/2020	Telephone: 703-704-1564
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 01/15/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/13/2020	Source: EPA
Date Data Arrived at EDR: 11/13/2020	Telephone: 800-385-6164
Date Made Active in Reports: 01/25/2021	Last EDR Contact: 11/13/2020
Number of Days to Update: 73	Next Scheduled EDR Contact: 03/01/2021
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/22/2020	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 06/22/2020	Telephone: 916-323-3400
Date Made Active in Reports: 09/04/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 74	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/14/2019	Telephone: 925-454-2361
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 11/13/2020
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/22/2021
	Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/28/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 81

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/13/2020
Number of Days to Update: 79

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/19/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 14

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/16/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/22/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 79

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/04/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/15/2020	Telephone: 916-255-1136
Date Made Active in Reports: 07/02/2020	Last EDR Contact: 01/05/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/17/2020	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/17/2020	Telephone: 877-786-9427
Date Made Active in Reports: 11/05/2020	Last EDR Contact: 11/13/2020
Number of Days to Update: 80	Next Scheduled EDR Contact: 03/01/2021
	Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/17/2020	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/17/2020	Telephone: 916-323-3400
Date Made Active in Reports: 11/05/2020	Last EDR Contact: 11/13/2020
Number of Days to Update: 80	Next Scheduled EDR Contact: 03/01/2021
	Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/05/2020	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/06/2020	Telephone: 916-440-7145
Date Made Active in Reports: 12/23/2020	Last EDR Contact: 01/05/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/08/2020	Source: Department of Conservation
Date Data Arrived at EDR: 09/08/2020	Telephone: 916-322-1080
Date Made Active in Reports: 11/30/2020	Last EDR Contact: 12/08/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/22/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/31/2020	Source: Department of Public Health
Date Data Arrived at EDR: 08/31/2020	Telephone: 916-558-1784
Date Made Active in Reports: 11/20/2020	Last EDR Contact: 12/01/2020
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/15/2021
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/10/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/10/2020	Telephone: 916-445-9379
Date Made Active in Reports: 10/29/2020	Last EDR Contact: 11/09/2020
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/22/2021
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/31/2020	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 08/31/2020	Telephone: 916-445-4038
Date Made Active in Reports: 11/20/2020	Last EDR Contact: 12/01/2020
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/15/2021
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/08/2020	Source: Department of Conservation
Date Data Arrived at EDR: 09/08/2020	Telephone: 916-323-3836
Date Made Active in Reports: 12/01/2020	Last EDR Contact: 12/08/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/22/2021
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/07/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/09/2020	Telephone: 916-445-3846
Date Made Active in Reports: 12/10/2020	Last EDR Contact: 12/07/2020
Number of Days to Update: 1	Next Scheduled EDR Contact: 03/29/2021
	Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/08/2020	Source: Department of Conservation
Date Data Arrived at EDR: 09/08/2020	Telephone: 916-445-2408
Date Made Active in Reports: 12/01/2020	Last EDR Contact: 12/08/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/22/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/11/2019	Telephone: 510-567-6700
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 01/04/2021
Number of Days to Update: 53	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/01/2020	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 10/06/2020	Telephone: 510-567-6700
Date Made Active in Reports: 12/23/2020	Last EDR Contact: 01/04/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 10/19/2020	Source: Amador County Environmental Health
Date Data Arrived at EDR: 10/22/2020	Telephone: 209-223-6439
Date Made Active in Reports: 01/12/2021	Last EDR Contact: 10/19/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 02/15/2021
	Data Release Frequency: Varies

BUTTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/24/2020
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 83

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 10/22/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/29/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 07/28/2020
Date Data Arrived at EDR: 07/30/2020
Date Made Active in Reports: 10/14/2020
Number of Days to Update: 76

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/11/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 71

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LASSEN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 84

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/29/2020
Number of Days to Update: 81

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 04/17/2019	Telephone: 626-458-6973
Date Made Active in Reports: 05/29/2019	Last EDR Contact: 01/15/2021
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 12/18/2020
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 12/18/2020
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/20/2020	Source: Community Health Services
Date Data Arrived at EDR: 10/09/2020	Telephone: 323-890-7806
Date Made Active in Reports: 12/29/2020	Last EDR Contact: 01/12/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 10/07/2020
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/25/2021
	Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 01/19/2021
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 09/11/2020	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/07/2020	Telephone: 310-618-2973
Date Made Active in Reports: 12/23/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 11/11/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 03/01/2021
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 12/21/2020
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/28/2020	Source: Merced County Environmental Health
Date Data Arrived at EDR: 07/30/2020	Telephone: 209-381-1094
Date Made Active in Reports: 07/31/2020	Last EDR Contact: 11/11/2020
Number of Days to Update: 1	Next Scheduled EDR Contact: 03/01/2021
	Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 08/20/2020	Source: Mono County Health Department
Date Data Arrived at EDR: 08/24/2020	Telephone: 760-932-5580
Date Made Active in Reports: 11/09/2020	Last EDR Contact: 11/15/2020
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/08/3021
	Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 16

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/28/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 79

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST ORANGE: List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/21/2021
Number of Days to Update: 79

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/03/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 1

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/04/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 82

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/23/2020
Number of Days to Update: 84

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/03/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 78

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 07/27/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/11/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/20/2020
Date Data Arrived at EDR: 08/20/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 81

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 09/16/2020
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List

Cupa Facility list

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 09/18/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 83

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 08/11/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 10/30/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/02/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/26/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/21/2020
Date Data Arrived at EDR: 12/23/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 32

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2020
Next Scheduled EDR Contact: 04/11/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/07/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 80

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2020	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 10/20/2020	Telephone: 860-424-3375
Date Made Active in Reports: 11/02/2020	Last EDR Contact: 11/09/2020
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/22/2021
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2019	Telephone: N/A
Date Made Active in Reports: 05/16/2019	Last EDR Contact: 01/08/2021
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/29/2020	Telephone: 518-402-8651
Date Made Active in Reports: 07/10/2020	Last EDR Contact: 10/30/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 02/08/2021
	Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2019	Telephone: 717-783-8990
Date Made Active in Reports: 09/10/2019	Last EDR Contact: 01/11/2021
Number of Days to Update: 53	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2018	Source: Department of Environmental Management
Date Data Arrived at EDR: 10/02/2019	Telephone: 401-222-2797
Date Made Active in Reports: 12/10/2019	Last EDR Contact: 11/11/2020
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/01/2021
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/19/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 12/03/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/22/2021
	Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Electric Power Transmission Line Data

Source: Endeavor Business Media

This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.



APPENDIX G

Noise Calculations Output Sheets

Monitoring Location: Site 1
Monitoring Date: 01/26/2021

Monitoring Period

Time	LAeq	LASmax	LASmin
12:35:33	44.4	59.0	37.2
12:36:33	44.7	60.4	36.9
12:37:33	37.1	39.8	36.2
12:38:33	37.2	42.4	36.1
12:39:33	37.5	40.7	36.5
12:40:33	50.8	57.5	36.7
12:41:33	53.6	63.6	40.4
12:42:33	44.8	52.4	39.4
12:43:33	55.5	71.1	38.9
12:44:33	57.9	68.0	39.8
12:45:33	47.1	65.2	39.6
12:46:33	48.5	55.8	41.1
12:47:33	54.2	65.5	39.4
12:48:33	52.3	63.9	39.1
12:49:33	46.7	58.5	39.3
12:50:33	41.4	43.1	38.9



15-minute LAeq

51.1

Monitoring Location: Site 2
Monitoring Date: 01/26/2021

Monitoring Period

Time	LAeq	LASmax	LASmin
12:54:15	58.1	71.1	45.2
12:55:15	65.1	74.4	44.6
12:56:15	62.2	73.0	42.1
12:57:15	56.8	63.3	46.5
12:58:15	62.2	73.0	44.0
12:59:15	55.1	67.9	43.0
13:00:15	64.2	74.9	41.5
13:01:15	45.3	49.9	40.9
13:02:15	56.0	69.6	40.8
13:03:15	59.2	69.3	42.2
13:04:15	54.6	62.6	42.9
13:05:15	46.3	50.7	41.8
13:06:15	63.1	74.4	40.9
13:07:15	57.3	67.9	41.8
13:08:15	62.5	72.8	43.9
13:09:15	66.6	69.9	52.7



15-minute LAeq

61.2

Monitoring Location: Site 3
Monitoring Date: 01/26/2021

Monitoring Period

Time	LAeq	LASmax	LASmin
13:13:43	63.9	76.1	42.6
13:14:43	62.8	72.5	41.3
13:15:43	58.8	69.8	38.3
13:16:43	57.7	71.8	38.7
13:17:43	67.7	77.8	41.8
13:18:43	55.3	68.8	37.7
13:19:43	59.1	73.7	38.9
13:20:43	62.3	72.4	40.8
13:21:43	64.0	76.5	42.4
13:22:43	67.5	81.7	44.0
13:23:43	70.6	84.1	41.1
13:24:43	62.3	77.2	41.1
13:25:43	62.1	73.4	42.1
13:26:43	62.3	76.0	41.4
13:27:43	66.5	77.4	43.7
13:28:43	47.8	52.8	51.2



15-minute LAeq

64.4

Monitoring Location: Site 4
Monitoring Date: 01/26/2021

Monitoring Period

Time	LAeq	LASmax	LASmin
13:32:15	44.0	55.5	39.6
13:33:15	50.6	61.0	40.6
13:34:15	44.3	53.1	38.9
13:35:15	41.9	51.0	36.7
13:36:15	41.1	47.6	38.0
13:37:15	40.3	44.8	37.5
13:38:15	41.1	45.6	38.7
13:39:15	45.5	57.3	38.8
13:40:15	42.9	50.5	38.8
13:41:15	41.5	46.8	38.1
13:42:15	40.8	47.9	36.1
13:43:15	40.0	44.3	36.8
13:44:15	42.4	51.0	37.5
13:45:15	43.3	54.9	36.9
13:46:15	46.5	54.5	37.9
13:47:15	46.0	45.5	43.2

15-minute LAeq

44.3

Roadway Construction Noise Model (RCNM), Version 1.1

Report date #####

Case Description Phase 1 Demolition

---- Receptor #1 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
25 ft Refer	Commercial	61.2	61.2	61.2

Equipment

Description	Impact Device	Usage(%)	Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Concrete Saw	No	20		89.6	25	0
Dozer	No	40		81.7	25	0
Backhoe	No	40		77.6	25	0
Front End Loader	No	40		79.1	25	0
Tractor	No	40	84		25	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	95.6	88.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	87.7	83.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	83.6	79.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	85.1	81.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	90	86	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	95.6	92	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	51.1	51.1	51.1

Description	Impact	Device	Usage(%)	Equipment			Estimated Shielding (dBA)
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	
Concrete Saw	No		20		89.6	50	0
Dozer	No		40		81.7	50	0
Backhoe	No		40		77.6	50	0
Front End Loader	No		40		79.1	50	0
Tractor	No		40	84		50	0

Equipment	Results															
	Calculated (dBA)				Noise Limits (dBA)				Noise Limit Exceedance (dBA)							
	*Lmax		Leq		Day		Evening		Night		Day		Evening		Night	
Concrete Saw	89.6	82.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	81.7	77.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84	80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	89.6	86	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	61.2	61.2	61.2

Description	Impact	Device	Usage(%)	Equipment			Estimated Shielding (dBA)
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	
Concrete Saw	No		20		89.6	45	0
Dozer	No		40		81.7	45	0
Backhoe	No		40		77.6	45	0
Front End Loader	No		40		79.1	45	0
Tractor	No		40	84		45	0

Equipment	Results															
	Calculated (dBA)				Noise Limits (dBA)				Noise Limit Exceedance (dBA)							
	*Lmax		Leq		Day		Evening		Night		Day		Evening		Night	
Concrete Saw	90.5	83.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	82.6	78.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	78.5	74.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	80	76	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84.9	80.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	90.5	86.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #4 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	64.4	64.4	64.4

Description	Impact	Device	Usage(%)	Equipment		
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)
Concrete Saw	No		20	89.6	50	0
Dozer	No		40	81.7	50	0
Backhoe	No		40	77.6	50	0
Front End Loader	No		40	79.1	50	0
Tractor	No		40	84	50	0

Equipment	Results														
	Calculated (dBA)				Noise Limits (dBA)				Noise Limit Exceedance (dBA)						
	*Lmax		Leq		Day		Evening		Night		Day		Evening		Night
Concrete Saw	89.6	82.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	81.7	77.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84	80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	89.6	86	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #5 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	44.3	44.3	44.3

Description	Impact Device	Usage(%)	Equipment			
			Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	250	0
Dozer	No	40		81.7	250	0
Backhoe	No	40		77.6	250	0
Front End Loader	No	40		79.1	250	0
Tractor	No	40	84		250	0

Equipment	Results													
	Calculated (dBA)			Noise Limits (dBA)						Noise Limit Exceedance (dBA)				
	*Lmax	Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Concrete Saw	75.6	68.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	67.7	63.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	63.6	59.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	65.1	61.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	70	66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	75.6	72	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report dat #####

Case Descr Grading

---- Receptor #1 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
25 ft Refer	Commerci	61.2	61.2	61.2

Equipment

Description	Impact Device	Usage(%)	Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Grader	No	40	85		25	0
Dozer	No	40		81.7	25	0
Backhoe	No	40		77.6	25	0
Front End Loader	No	40		79.1	25	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader	91	87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	87.7	83.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	83.6	79.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	85.1	81.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	91	89.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	51.1	51.1	51.1

Description	Impact	Device	Usage(%)	Equipment			Estimated Shielding (dBA)
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	
Grader	No		40	85		50	0
Dozer	No		40		81.7	50	0
Backhoe	No		40		77.6	50	0
Front End Loader	No		40		79.1	50	0

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	81.7	77.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	85	83.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	61.2	61.2	61.2

Description	Impact	Device	Usage(%)	Equipment			Estimated Shielding (dBA)
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	
Grader	No		40	85		45	0
Dozer	No		40		81.7	45	0
Backhoe	No		40		77.6	45	0
Front End Loader	No		40		79.1	45	0

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader	85.9	81.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	82.6	78.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	78.5	74.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	80	76	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	85.9	84.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #4 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	64.4	64.4	64.4

Description	Impact	Device	Usage(%)	Equipment			Estimated Shielding (dBA)
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	
Grader	No		40	85		50	0
Dozer	No		40		81.7	50	0
Backhoe	No		40		77.6	50	0
Front End Loader	No		40		79.1	50	0

Equipment	Results															
	Calculated (dBA)				Noise Limits (dBA)				Noise Limit Exceedance (dBA)							
	*Lmax		Leq		Day		Evening		Night		Day		Evening		Night	
Grader	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	81.7	77.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	85	83.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #5 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	44.3	44.3	44.3

Description	Impact	Device	Usage(%)	Equipment			Estimated Shielding (dBA)
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	
Grader	No		40	85		250	0
Dozer	No		40		81.7	250	0
Backhoe	No		40		77.6	250	0
Front End Loader	No		40		79.1	250	0

Equipment	Results															
	Calculated (dBA)				Noise Limits (dBA)				Noise Limit Exceedance (dBA)							
	*Lmax		Leq		Day		Evening		Night		Day		Evening		Night	
Grader	71	67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	67.7	63.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	63.6	59.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	65.1	61.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	71	69.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date #####

Case Description Building Construction/Renovation

---- Receptor #1 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
25 ft Refer	Commerci	61.2	61.2	61.2

Equipment

Description	Impact Device	Usage(%)	Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Crane	No	16		80.6	25	0
Forklift	No	40		85	25	0
Forklift	No	40		85	25	0
Generator	No	50		80.6	25	0
Backhoe	No	40		77.6	25	0
Welder / Torch	No	40		74	25	0
Welder / Torch	No	40		74	25	0
Welder / Torch	No	40		74	25	0
Compressor (air)	No	40		77.7	25	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Crane	86.6	78.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Forklift	91	87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Forklift	91	87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	86.7	83.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	83.6	79.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	80	76	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	80	76	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	80	76	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)	83.7	79.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	91	92.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential	Residential	51.1	51.1	51.1

Description	Impact	Device	Usage(%)	Equipment			Estimated Shielding (dBA)
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	
Crane	No		16	80.6	50	0	
Forklift	No		40	85	50	0	
Forklift	No		40	85	50	0	
Generator	No		50	80.6	50	0	
Backhoe	No		40	77.6	50	0	
Welder / Torch	No		40	74	50	0	
Welder / Torch	No		40	74	50	0	
Welder / Torch	No		40	74	50	0	
Compressor (air)	No		40	77.7	50	0	

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Crane	80.6	72.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Forklift	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Forklift	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	74	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	74	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	74	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)	77.7	73.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	85	86.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential	Residential	61.2	61.2	61.2

Description	Impact	Device	Usage(%)	Equipment			Estimated Shielding (dBA)
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	
Crane	No		16	80.6	45	0	
Forklift	No		40	85	45	0	
Forklift	No		40	85	45	0	
Generator	No		50	80.6	45	0	
Backhoe	No		40	77.6	45	0	
Welder / Torch	No		40	74	45	0	
Welder / Torch	No		40	74	45	0	
Welder / Torch	No		40	74	45	0	
Compressor (air)	No		40	77.7	45	0	

Equipment	Results														
	Calculated (dBA)			Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day	Leq	Evening	Leq	Night	Leq	Day	Leq	Evening	Leq	Night	Leq	
Crane	81.5	73.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Forklift	85.9	81.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Forklift	85.9	81.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Generator	81.5	78.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Backhoe	78.5	74.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Welder / Torch	74.9	70.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Welder / Torch	74.9	70.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Welder / Torch	74.9	70.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Compressor (air)	78.6	74.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Total	85.9	87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

*Calculated Lmax is the Loudest value.

---- Receptor #4 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential	Residential	64.4	64.4	64.4

Description	Impact	Device	Usage(%)	Equipment			Estimated Shielding (dBA)
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	
Crane	No		16	80.6	50	0	
Forklift	No		40	85	50	0	
Forklift	No		40	85	50	0	
Generator	No		50	80.6	50	0	
Backhoe	No		40	77.6	50	0	
Welder / Torch	No		40	74	50	0	
Welder / Torch	No		40	74	50	0	
Welder / Torch	No		40	74	50	0	
Compressor (air)	No		40	77.7	50	0	

Equipment	Results													
	Calculated (dBA)			Noise Limits (dBA)						Noise Limit Exceedance (dBA)				
	*Lmax	Leq	Day	Evening	Night	Day	Evening	Night	Day	Evening	Night	Day	Evening	Night
Crane	80.6	72.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Forklift	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Forklift	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	74	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	74	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	74	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)	77.7	73.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	85	86.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #5 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential	Residential	44.3	44.3	44.3

Description	Impact	Device	Usage(%)	Equipment			Estimated Shielding (dBA)
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	
Crane	No		16	80.6	250	0	
Forklift	No		40	85	250	0	
Forklift	No		40	85	250	0	
Generator	No		50	80.6	250	0	
Backhoe	No		40	77.6	250	0	
Welder / Torch	No		40	74	250	0	
Welder / Torch	No		40	74	250	0	
Welder / Torch	No		40	74	250	0	
Compressor (air)	No		40	77.7	250	0	

Equipment	Results													
	Calculated (dBA)			Noise Limits (dBA)						Noise Limit Exceedance (dBA)				
	*Lmax	Leq	Day	Leq	Evening	Leq	Night	Leq	Day	Leq	Evening	Leq	Night	Leq
Crane	66.6	58.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Forklift	71	67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Forklift	71	67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	66.7	63.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	63.6	59.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	60	56	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	60	56	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	60	56	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)	63.7	59.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	71	72.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date #####

Case Description Paving

---- Receptor #1 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
25 ft Refer	Commercial	61.2	61.2	61.2

Equipment

Description	Impact Device	Usage(%)	Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Drum Mixer	No	50		80	25	0
Paver	No	50		77.2	25	0
Paver	No	50		77.2	25	0
Roller	No	20		80	25	0
Roller	No	20		80	25	0
Backhoe	No	40		77.6	25	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Drum Mixer	86	83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	83.2	80.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	83.2	80.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	86	79	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	86	79	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	83.6	79.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	86	88.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential	Residential	51.1	51.1	51.1

Description	Impact	Device	Usage(%)	Equipment		
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)
Drum Mixer	No		50	80	50	0
Paver	No		50	77.2	50	0
Paver	No		50	77.2	50	0
Roller	No		20	80	50	0
Roller	No		20	80	50	0
Backhoe	No		40	77.6	50	0

Equipment	Results													
	Calculated (dBA)			Noise Limits (dBA)						Noise Limit Exceedance (dBA)				
	*Lmax	Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Drum Mixer	80	77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	77.2	74.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	77.2	74.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	80	73	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	80	73	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	80	82.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential	Residential	61.2	61.2	61.2

Description	Impact Device	Usage(%)	Equipment			
			Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Drum Mixer	No	50		80	45	0
Paver	No	50		77.2	45	0
Paver	No	50		77.2	45	0
Roller	No	20		80	45	0
Roller	No	20		80	45	0
Backhoe	No	40		77.6	45	0

Equipment	Results													
	Calculated (dBA)			Noise Limits (dBA)						Noise Limit Exceedance (dBA)				
	*Lmax	Leq	Day	Evening		Night		Day	Evening		Night			
Drum Mixer	80.9	77.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	78.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	78.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	80.9	73.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	80.9	73.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	78.5	74.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	80.9	83.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #4 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential	Residential	64.4	64.4	64.4

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
			Spec Lmax (dBA)	Actual Lmax (dBA)		
Drum Mixer	No	50		80	50	0
Paver	No	50		77.2	50	0
Paver	No	50		77.2	50	0
Roller	No	20		80	50	0
Roller	No	20		80	50	0
Backhoe	No	40		77.6	50	0

Equipment	Calculated (dBA)		Results						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Drum Mixer	80	77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	77.2	74.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	77.2	74.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	80	73	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	80	73	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	80	82.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #5 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential	Residential	44.3	44.3	44.3

Description	Impact Device	Usage(%)	Equipment			
			Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Drum Mixer	No	50		80	250	0
Paver	No	50		77.2	250	0
Paver	No	50		77.2	250	0
Roller	No	20		80	250	0
Roller	No	20		80	250	0
Backhoe	No	40		77.6	250	0

Equipment	Calculated (dBA)		Results						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Drum Mixer	66	63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	63.2	60.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	63.2	60.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	66	59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	66	59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	63.6	59.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	66	68.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

**Sunny Sands Project
Construction Vibration Model
(50 feet)**

Equipment		Pieces of Equipment	PPV at 25 feet (in/sec)	Distance from Equipment	PPV at adjusted distance	RMS velocity amplitude in in/sec at adjusted distance ^a	RMS Vibration level in VdB at adjusted distance
Caisson drilling		1	0.089	50	0.031	0.008	78
Jackhammer		1	0.035	50	0.012	0.003	70
Large bulldozer		1	0.089	50	0.031	0.008	78
Loaded trucks		1	0.076	50	0.027	0.007	77
Pile Drive (impact)		1	0.644	50	0.228	0.057	95
Vibratory Roller		1	0.210	50	0.074	0.019	85
Small bulldozer		1	0.003	50	0.001	0.000	48

*** Suggested Vibration Thresholds per the Federal Transit Administration, United States Department of Transportation, Transit Noise and Vibration Impact Assessment (FTA-VA-90-1003-06), May 2006, pg. 12-12.**

-Fragile Buildings- 0.20 in/sec

**Sunny Sands Project
Construction Vibration Model
(45 feet)**

Equipment		Pieces of Equipment	PPV at 25 feet (in/sec)	Distance from Equipment	PPV at adjusted distance	RMS velocity amplitude in in/sec at adjusted distance ^a	RMS Vibration level in VdB at adjusted distance
Caisson drilling		1	0.089	45	0.037	0.009	79
Jackhammer		1	0.035	45	0.014	0.004	71
Large bulldozer		1	0.089	45	0.037	0.009	79
Loaded trucks		1	0.076	45	0.031	0.008	78
Pile Drive (impact)		1	0.644	45	0.267	0.067	96
Vibratory Roller		1	0.210	45	0.087	0.022	87
Small bulldozer		1	0.003	45	0.001	0.000	50

* Suggested Vibration Thresholds per the Federal Transit Administration, United States Department of Transportation, Transit Noise and Vibration Impact Assessment (FTA-VA-90-1003-06), May 2006, pg. 12-12.

-Fragile Buildings- 0.20 in/sec

**Sunny Sands Project
Construction Vibration Model
(50 feet)**

Equipment		Pieces of Equipment	PPV at 25 feet (in/sec)	Distance from Equipment	PPV at adjusted distance	RMS velocity amplitude in in/sec at adjusted distance ^a	RMS Vibration level in VdB at adjusted distance
Caisson drilling		1	0.089	50	0.031	0.008	78
Jackhammer		1	0.035	50	0.012	0.003	70
Large bulldozer		1	0.089	50	0.031	0.008	78
Loaded trucks		1	0.076	50	0.027	0.007	77
Pile Drive (impact)		1	0.644	50	0.228	0.057	95
Vibratory Roller		1	0.210	50	0.074	0.019	85
Small bulldozer		1	0.003	50	0.001	0.000	48

* Suggested Vibration Thresholds per the Federal Transit Administration, United States Department of Transportation, Transit Noise and Vibration Impact Assessment (FTA-VA-90-1003-06), May 2006, pg. 12-12.

-Fragile Buildings- 0.20 in/sec

**Sunny Sands Project
Construction Vibration Model
(250 feet)**

Equipment		Pieces of Equipment	PPV at 25 feet (in/sec)	Distance from Equipment	PPV at adjusted distance	RMS velocity amplitude in in/sec at adjusted distance ^a	RMS Vibration level in VdB at adjusted distance
Caisson drilling		1	0.089	250	0.003	0.001	57
Jackhammer		1	0.035	250	0.001	0.000	49
Large bulldozer		1	0.089	250	0.003	0.001	57
Loaded trucks		1	0.076	250	0.002	0.001	56
Pile Drive (impact)		1	0.644	250	0.020	0.005	74
Vibratory Roller		1	0.210	250	0.007	0.002	64
Small bulldozer		1	0.003	250	0.000	0.000	28

*** Suggested Vibration Thresholds per the Federal Transit Administration, United States Department of Transportation, Transit Noise and Vibration Impact Assessment (FTA-VA-90-1003-06), May 2006, pg. 12-12.**

-Fragile Buildings- 0.20 in/sec



APPENDIX H

Tribal Cultural Resources



APPENDIX H.1

AB 52 Tribal Consultation Notification Letters

**Facilities
Planning &
Development**

Julie Arthur, Executive Director

February 24, 2022

Ms. Lacy Padilla, Archaeological Technician
Agua Caliente Band of Cahuilla Indians
5401 Dinah Shore Drive
Palm Springs, CA 92264

SUBJECT: Formal Notification for the Sunny Sands Elementary School Modernization Project.
Notification of Consultation Opportunity, pursuant to Public Resources Code
Section 21080.3.1

PROJECT: Sunny Sands Elementary School Modernization

Dear Ms. Padilla,

The Palm Springs Unified School District (PSUSD) has proposed the Sunny Sands Elementary School Modernization Project (Project) and is providing written notice to the Agua Caliente Band of Cahuilla Indians Tribe in response to the Tribe's request for the notification of projects proposed within the District.

The proposed modernization is for an approximately 11.2-acre existing elementary school campus within Cathedral City (City). Below please find the description of the proposed Project, maps showing the project location and vicinity, and the name of our project point of contact, pursuant to PRC Section 21080.3.1 (d).

Project Location: As shown in **Figure 1: Regional Location Map** and **Figure 2: Project Location Map**, the proposed Project is located at 69310 McCallum Way in the northern portion of the City. The campus is bound by Kemper Road to the north, residential developments to the east, McCallum Way to the south, and San Eljay Avenue to the west. Primary access to the campus is off of San Eljay Avenue. The Project Site is situated towards the western portion of the rectangular 11.2-acre lot. The Project Site is currently developed with an existing school campus.

Project Description: PSUSD launched a long-range facility master planning initiative in 2017 in order to ensure safe and well-maintained school facilities with optimal learning environments in support of its

academic mission. As a result of the draft report, Sunny Sands Elementary School was identified as one of the schools requiring comprehensive modernization upgrades. The majority of the classrooms are noted as either Category 3 – Fair; this category indicates that modernization, upgrades, replacements due to systems failures are a medium priority and should be scheduled in the future, or Category 1 – Excellent; this category indicates that the buildings are modern and upgrades due to systems failures are not a priority at this time. A couple of the portables are noted as Category 4 – Poor. This category notes that modernization, upgrades, and replacements due to systems failures are a high priority at this time; major systems are failing and should be scheduled in the future.

The campus also retains 18 portable classrooms, which would be replaced with a permanent classroom building with associated circulation, restrooms, and utility spaces.

The Project would involve demolition, new construction, building improvements and renovation, and hardscape improvements. Demolition of the portable facilities would take place at the school site to remove all portable structures. New construction of the permanent classroom buildings would take place towards the western portion of the school campus. Modernization of the multipurpose building would take place towards the southern edge of the campus. Hardscape improvement of the outdoor spaces will take place around the buildings, including the administrative building, multipurpose room, and classroom buildings on the school campus.

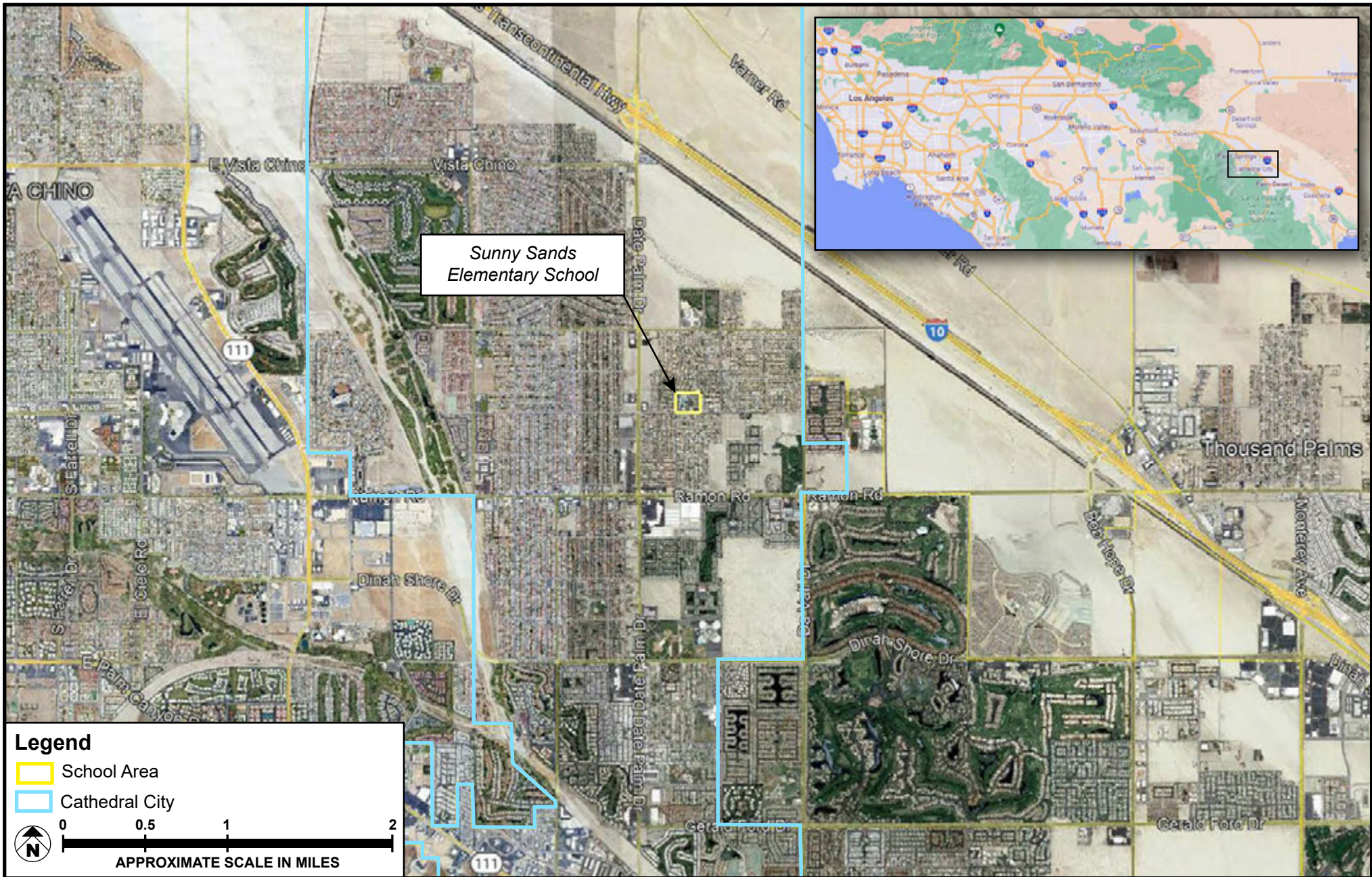
Under California State Law, the proposed Project is subject to the California Environmental Quality Act (CEQA). PSUSD is currently preparing an Initial Study to evaluate the proposed Project's potential environmental impacts. As part of this effort, and to ensure that any potential Tribal Cultural Resources (TCRs) defined in PRC Section 21074 (a) (1-2) that may be of concern are identified, pursuant to PRC Section 21080.3.1 (b), the Tribe has 30 days from the receipt of this letter to request consultation, in writing, with PSUSD.

If there are any additional questions, please contact Julie Arthur at (760) 883-2710 or by email at: jarthur@psusd.us

Regards,

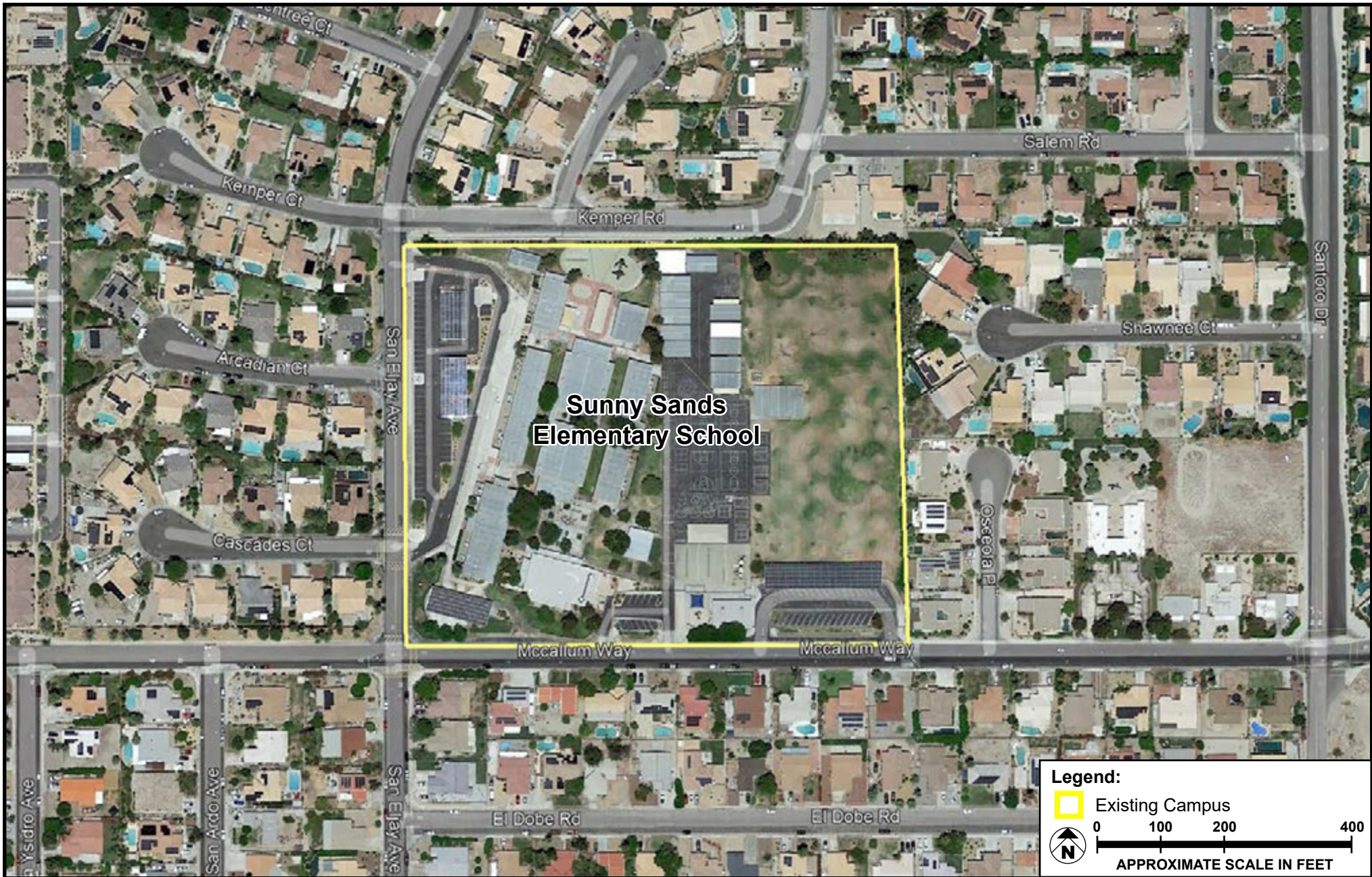


Julie Arthur, Executive Director
Facilities Planning & Development



SOURCE: Google Earth - 2021; Meridian Consultants, LLC - 2021

FIGURE 1



SOURCE: Google Earth—2021; Meridian Consultants—2021

FIGURE 2

Facilities Planning & Development

Julie Arthur, *Executive Director*

February 24, 2022

Mr. Thomas Tortez, Jr., Tribal Chairman
Torres-Martinez Desert Cahuilla Indians
6725 Martinez Road
Thermal, CA 92274

SUBJECT: Formal Notification for the Sunny Sands Elementary School Modernization Project.
Notification of Consultation Opportunity, pursuant to Public Resources Code Section 21080.3.1

PROJECT: Sunny Sands Elementary School Modernization

Dear Mr. Tortez, Jr.,

The Palm Springs Unified School District (PSUSD) has proposed the Sunny Sands Elementary School Modernization Project (Project) and is providing written notice to the Torres-Martinez Desert Cahuilla Indians Tribe in response to the Tribe's request for the notification of projects proposed within the District.

The proposed modernization is for an approximately 11.2-acre existing elementary school campus within Cathedral City (City). Below please find the description of the proposed Project, maps showing the project location and vicinity, and the name of our project point of contact, pursuant to PRC Section 21080.3.1 (d).

Project Location: As shown in **Figure 1: Regional Location Map** and **Figure 2: Project Location Map**, the proposed Project is located at 69310 McCallum Way in the northern portion of the City. The campus is bound by Kemper Road to the north, residential developments to the east, McCallum Way to the south, and San Eljay Avenue to the west. Primary access to the campus is off of San Eljay Avenue. The Project Site is situated towards the western portion of the rectangular 11.2-acre lot. The Project Site is currently developed with an existing school campus.

Project Description: PSUSD launched a long-range facility master planning initiative in 2017 in order to ensure safe and well-maintained school facilities with optimal learning environments in support of its academic mission. As a result of the draft report, Sunny Sands Elementary School was identified as one of

the schools requiring comprehensive modernization upgrades. The majority of the classrooms are noted as either Category 3 – Fair; this category indicates that modernization, upgrades, replacements due to systems failures are a medium priority and should be scheduled in the future, or Category 1 – Excellent; this category indicates that the buildings are modern and upgrades due to systems failures are not a priority at this time. A couple of the portables are noted as Category 4 – Poor. This category notes that modernization, upgrades, and replacements due to systems failures are a high priority at this time; major systems are failing and should be scheduled in the future.

The campus also retains 18 portable classrooms, which would be replaced with a permanent classroom building with associated circulation, restrooms, and utility spaces.

The Project would involve demolition, new construction, building improvements and renovation, and hardscape improvements. Demolition of the portable facilities would take place at the school site to remove all portable structures. New construction of the permanent classroom buildings would take place towards the western portion of the school campus. Modernization of the multipurpose building would take place towards the southern edge of the campus. Hardscape improvement of the outdoor spaces will take place around the buildings, including the administrative building, multipurpose room, and classroom buildings on the school campus.

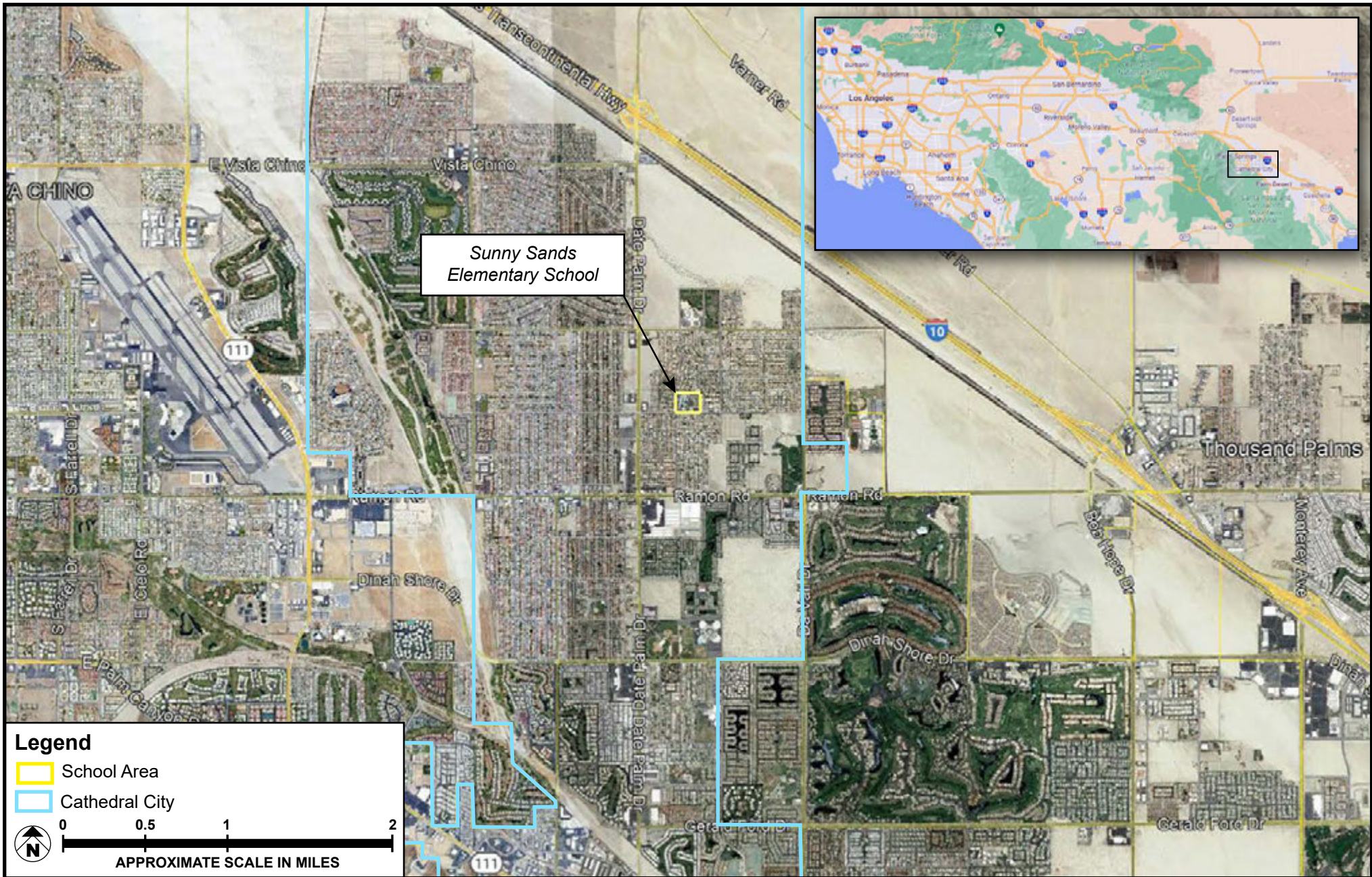
Under California State Law, the proposed Project is subject to the California Environmental Quality Act (CEQA). PSUSD is currently preparing an Initial Study to evaluate the proposed Project's potential environmental impacts. As part of this effort, and to ensure that any potential Tribal Cultural Resources (TCRs) defined in PRC Section 21074 (a) (1-2) that may be of concern are identified, pursuant to PRC Section 21080.3.1 (b), the Tribe has 30 days from the receipt of this letter to request consultation, in writing, with PSUSD.

If there are any additional questions, please contact Julie Arthur at (760) 883-2710 or by email at: jarthur@psusd.us

Regards,

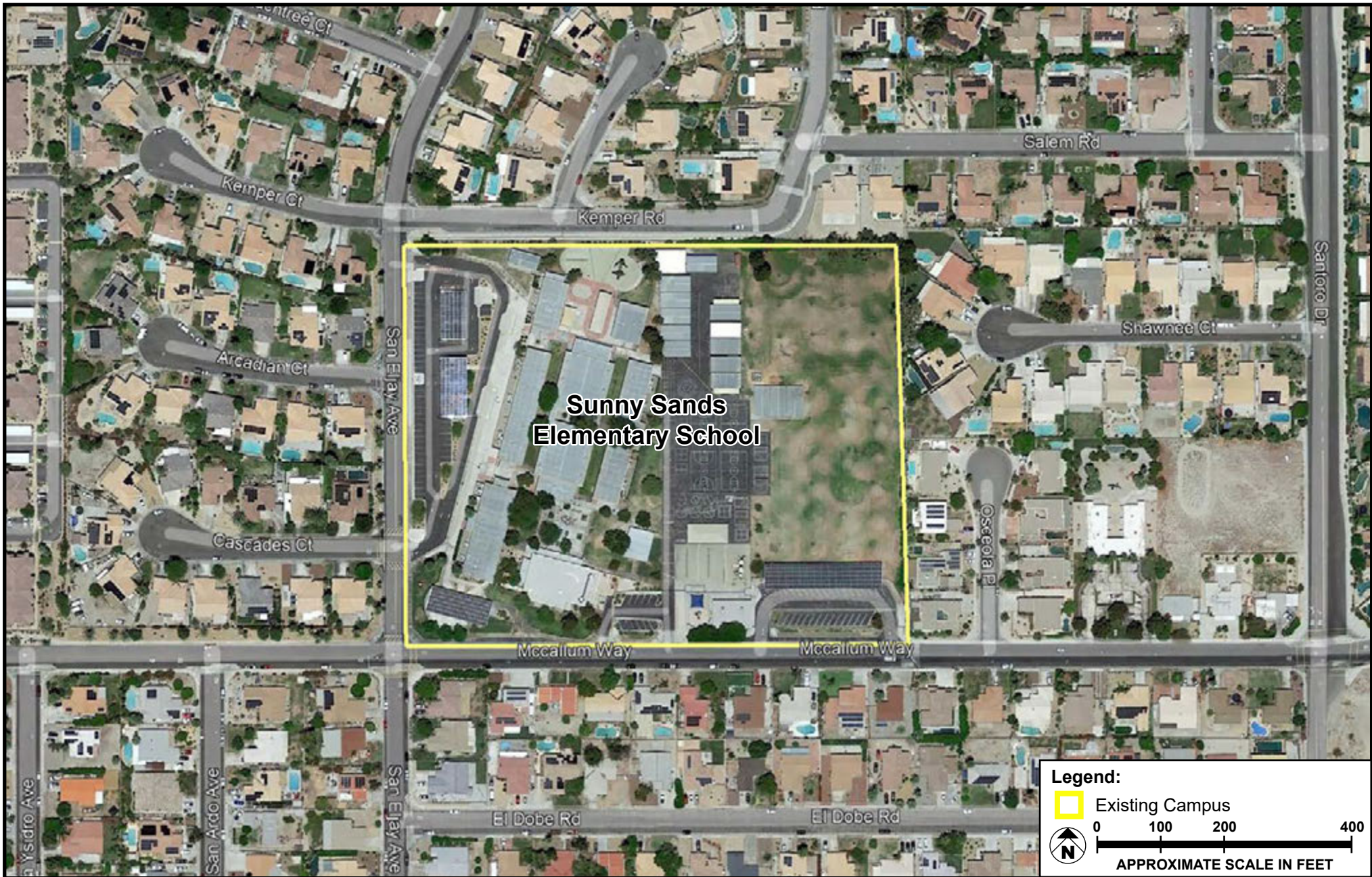


Julie Arthur, Executive Director
Facilities Planning & Development



SOURCE: Google Earth - 2021; Meridian Consultants, LLC - 2021

FIGURE 1



SOURCE: Google Earth—2021; Meridian Consultants—2021

FIGURE 2



APPENDIX H.2

Tribal Letter Responses



03-052-2022-001

April 13, 2022

[VIA EMAIL TO:jarthur@psusd.us]
Palm Springs Unified School District (PSUSD)
Ms. Julie Arthur
980 E Tahquitz Canyon Way, Suite 202
Rancho Mirage, CA 92262

Re: Sunny Sands Elementary School Modernization Project

Dear Ms. Julie Arthur,

The Agua Caliente Band of Cahuilla Indians (ACBCI) appreciates your efforts to include the Tribal Historic Preservation Office (THPO) in the Sunny Sands Elementary School Modernization project. The project area is not located within the boundaries of the ACBCI Reservation. However, it is within the Tribe's Traditional Use Area. For this reason, the ACBCI THPO requests the following:

*Copies of any cultural resource documentation (report and site records) generated in connection with this project.

Again, the Agua Caliente appreciates your interest in our cultural heritage. If you have questions or require additional information, please call me at (760)699-6956. You may also email me at ACBCI-THPO@aguacaliente.net.

Cordially,

Lacy Padilla
Archaeologist
Tribal Historic Preservation Office
AGUA CALIENTE BAND
OF CAHUILLA INDIANS