

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Annual

California City Correctional Facility, WWTP, Utilities
Mojave Desert Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	25.00	1000sqft	2.00	35,000.00	0
Hospital	3,024.00	Bed	150.00	1,427,920.00	3024
Refrigerated Warehouse-No Rail	100.00	1000sqft	7.00	100,000.00	0
Parking Lot	2,105.00	Space	18.95	842,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	31
Climate Zone	7			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - acreage revised to match the building pad of 159 acres
- Construction Phase - Project schedule provided by developer
- Off-road Equipment - Developer's data
- Off-road Equipment - Developer's data
- Off-road Equipment - Developer's data
- Off-road Equipment - project data

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Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Based on developer data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment -

Off-road Equipment - Project data

Off-road Equipment - Project data

Off-road Equipment - Developer's data

Off-road Equipment - developer provided information

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment -

Off-road Equipment - Developer's data

Trips and VMT - Building construction for correctional facility based on max estimates from traffic study. Utility worker trips based on the RCEM. WWTP trips based on Hazen estimates.

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - From traffic study

Area Coating - Rule 1113 limits

Construction Off-road Equipment Mitigation - Mitigation

Area Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	781,460.00	356,980.00
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tblAreaCoating	Area_Nonresidential_Interior	2344380	3125840
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00

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tblConstEquipMitigation	Tier	No Change	Tier 3
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tblGrading	AcresOfGrading	467.50	100.00
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tblLandUse	LandUseSquareFeet	2,164,450.91	1,427,920.00
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tblVehicleTrips	SU_TR	7.19	0.53
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tblVehicleTrips	WD_TR	12.94	0.40

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tblVehicleTrips	WD_TR	1.68	0.00
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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.6372	6.0624	4.9260	0.0117	1.3403	0.2497	1.5900	0.6174	0.2310	0.8484	0.0000	1,018.8507	1,018.8507	0.2864	0.0000	1,026.0109
2025	1.5665	13.3207	14.5056	0.0326	0.5267	0.5299	1.0566	0.1188	0.4962	0.6151	0.0000	2,824.8736	2,824.8736	0.6394	0.0000	2,840.8577
2026	0.8866	1.2459	1.6213	3.2700e-003	0.0824	0.0530	0.1354	0.0216	0.0496	0.0712	0.0000	286.6362	286.6362	0.0603	0.0000	288.1436
2027	0.4811	3.9470	4.6404	0.0104	0.2726	0.1603	0.4329	0.0725	0.1494	0.2219	0.0000	913.6519	913.6519	0.1882	0.0000	918.3567
2028	0.9201	1.7321	2.0772	4.5700e-003	0.1280	0.0709	0.1989	0.0338	0.0664	0.1002	0.0000	401.2678	401.2678	0.0787	0.0000	403.2349
Maximum	1.5665	13.3207	14.5056	0.0326	1.3403	0.5299	1.5900	0.6174	0.4962	0.8484	0.0000	2,824.8736	2,824.8736	0.6394	0.0000	2,840.8577

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.2561	2.7368	6.0829	0.0117	0.5983	0.1215	0.7199	0.2606	0.1215	0.3821	0.0000	1,018.8496	1,018.8496	0.2864	0.0000	1,026.0098
2025	0.9453	10.8577	17.6063	0.0326	0.4434	0.4748	0.9182	0.1098	0.4745	0.5843	0.0000	2,824.8708	2,824.8708	0.6394	0.0000	2,840.8549
2026	0.8295	1.0729	1.8852	3.2700e-003	0.0824	0.0508	0.1332	0.0216	0.0508	0.0724	0.0000	286.6360	286.6360	0.0603	0.0000	288.1434
2027	0.2716	3.0123	5.5228	0.0104	0.2726	0.1382	0.4108	0.0725	0.1381	0.2105	0.0000	913.6511	913.6511	0.1882	0.0000	918.3559
2028	0.8339	1.3475	2.4404	4.5700e-003	0.1280	0.0618	0.1898	0.0338	0.0617	0.0955	0.0000	401.2674	401.2674	0.0787	0.0000	403.2345
Maximum	0.9453	10.8577	17.6063	0.0326	0.5983	0.4748	0.9182	0.2606	0.4745	0.5843	0.0000	2,824.8708	2,824.8708	0.6394	0.0000	2,840.8549

	ROG	NOx	CO	SO2	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	30.17	27.68	-20.77	0.00	35.12	20.36	30.52	42.33	14.72	27.57	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2024	9-30-2024	5.3174	2.0296
2	10-1-2024	12-31-2024	2.9322	1.9855
3	1-1-2025	3-31-2025	3.1335	2.2340
4	4-1-2025	6-30-2025	4.3620	3.4468
5	7-1-2025	9-30-2025	4.9224	4.1416
6	10-1-2025	12-31-2025	2.4095	1.9273

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7	1-1-2026	3-31-2026	1.1572	0.9067
8	4-1-2026	6-30-2026	0.9467	0.9688
11	1-1-2027	3-31-2027	1.0834	0.8036
12	4-1-2027	6-30-2027	1.1090	0.8230
13	7-1-2027	9-30-2027	1.1212	0.8320
14	10-1-2027	12-31-2027	1.1199	0.8307
15	1-1-2028	3-31-2028	1.1051	0.8190
16	4-1-2028	6-30-2028	1.6005	1.4119
		Highest	5.3174	4.1416

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.6068	4.4000e-004	0.0482	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0939	0.0939	2.4000e-004	0.0000	0.1000
Energy	0.2591	2.3551	1.9783	0.0141		0.1790	0.1790		0.1790	0.1790	0.0000	7,152.4056	7,152.4056	0.2386	0.0862	7,184.0568
Mobile	1.0304	7.1262	18.1531	0.0982	8.6026	0.0567	8.6593	2.3058	0.0530	2.3588	0.0000	9,098.4703	9,098.4703	0.2986	0.0000	9,105.9353
Stationary	4.9000e-004	1.6100e-003	1.7900e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2285	0.2285	3.0000e-005	0.0000	0.2293
Waste						0.0000	0.0000		0.0000	0.0000	1,816.2271	0.0000	1,816.2271	107.3360	0.0000	4,499.6258
Water						0.0000	0.0000		0.0000	0.0000	95.0772	1,437.2392	1,532.3164	9.8247	0.2429	1,850.3046
Total	9.8968	9.4833	20.1813	0.1123	8.6026	0.2359	8.8385	2.3058	0.2322	2.5380	1,911.3043	17,688.4375	19,599.7418	117.6981	0.3291	22,640.2519

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.2887	4.4000e-004	0.0482	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0939	0.0939	2.4000e-004	0.0000	0.1000
Energy	0.2591	2.3551	1.9783	0.0141		0.1790	0.1790		0.1790	0.1790	0.0000	7,152.4056	7,152.4056	0.2386	0.0862	7,184.0568
Mobile	1.0304	7.1262	18.1531	0.0982	8.6026	0.0567	8.6593	2.3058	0.0530	2.3588	0.0000	9,098.4703	9,098.4703	0.2986	0.0000	9,105.9353
Stationary	4.9000e-004	1.6100e-003	1.7900e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2285	0.2285	3.0000e-005	0.0000	0.2293
Waste						0.0000	0.0000		0.0000	0.0000	1,816.2271	0.0000	1,816.2271	107.3360	0.0000	4,499.6258
Water						0.0000	0.0000		0.0000	0.0000	95.0772	1,437.2392	1,532.3164	9.8247	0.2429	1,850.3046
Total	7.5787	9.4833	20.1813	0.1123	8.6026	0.2359	8.8385	2.3058	0.2322	2.5380	1,911.3043	17,688.4375	19,599.7418	117.6981	0.3291	22,640.2519

	ROG	NOx	CO	SO2	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	23.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/27/2024	7/18/2024	5	16	
2	Grading	Grading	7/19/2024	9/12/2024	5	40	
3	Building Construction	Building Construction	9/13/2024	3/11/2026	5	389	
4	Util Site Preparation	Site Preparation	10/1/2024	11/6/2024	5	27	
5	Util Grading	Grading	11/7/2024	3/31/2025	5	103	
6	Util Construction	Building Construction	4/1/2025	8/5/2025	5	91	
7	Mobilization	Site Preparation	4/7/2025	4/18/2025	5	10	
8	General Site	Site Preparation	5/5/2025	11/28/2025	5	150	
9	Headworks	Building Construction	5/5/2025	11/7/2025	5	135	
10	Secondary	Building Construction	5/5/2025	10/24/2025	5	125	
11	Tertiary	Building Construction	5/5/2025	1/22/2026	5	189	
12	Disinfection	Building Construction	5/5/2025	10/10/2025	5	115	
13	Solids Handling	Building Construction	5/5/2025	11/7/2025	5	135	
14	Aeration	Building Construction	5/19/2025	9/5/2025	5	80	
15	EI&C	Building Construction	5/19/2025	3/6/2026	5	210	
16	Percolation ponds	Building Construction	5/19/2025	8/22/2025	5	70	
17	Util Paving	Paving	8/6/2025	9/30/2025	5	40	
18	Paving	Paving	3/12/2026	4/21/2026	5	29	
19	Demobilization	Building Construction	4/6/2026	4/17/2026	5	10	
20	Architectural Coating	Architectural Coating	4/22/2026	5/29/2026	5	28	
21	Phase 2 Building	Building Construction	1/2/2027	5/30/2028	5	367	
22	Phase 2 Architectural Coating	Architectural Coating	4/22/2028	5/29/2028	5	26	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 100

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Acres of Paving: 18.95**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,427,920; Non-Residential Outdoor: 356,980; Striped Parking Area: 50,520 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	11.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	3	11.00	97	0.37
Grading	Excavators	0	11.00	158	0.38
Grading	Graders	5	11.00	187	0.41
Grading	Rollers	3	11.00	80	0.38
Grading	Rubber Tired Dozers	5	11.00	247	0.40
Grading	Scrapers	6	11.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Building Construction	Cranes	3	11.00	231	0.29
Building Construction	Forklifts	3	11.00	89	0.20
Building Construction	Generator Sets	1	11.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	4	11.00	97	0.37
Building Construction	Welders	1	11.00	46	0.45
Util Site Preparation	Crawler Tractors	1	11.00	212	0.43
Util Site Preparation	Excavators	2	11.00	85	0.78
Util Site Preparation	Rubber Tired Dozers	0	11.00	247	0.40
Util Site Preparation	Signal Boards	5	24.00	6	0.82
Util Site Preparation	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Util Grading	Crawler Tractors	1	11.00	212	0.43
Util Grading	Excavators	3	11.00	158	0.38
Util Grading	Graders	2	11.00	187	0.41

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Util Grading	Rollers	2	11.00	80	0.38
Util Grading	Rubber Tired Dozers	0	11.00	247	0.40
Util Grading	Rubber Tired Loaders	1	11.00	203	0.36
Util Grading	Scrapers	2	11.00	367	0.48
Util Grading	Signal Boards	5	24.00	6	0.82
Util Grading	Tractors/Loaders/Backhoes	4	11.00	97	0.37
Util Construction	Air Compressors	1	11.00	78	0.48
Util Construction	Cranes	1	11.00	231	0.29
Util Construction	Forklifts	1	11.00	89	0.20
Util Construction	Generator Sets	1	11.00	84	0.74
Util Construction	Graders	1	11.00	187	0.41
Util Construction	Plate Compactors	1	11.00	8	0.43
Util Construction	Pumps	1	11.00	84	0.74
Util Construction	Scrapers	1	11.00	367	0.48
Util Construction	Signal Boards	5	24.00	6	0.82
Util Construction	Tractors/Loaders/Backhoes	3	11.00	97	0.37
Util Construction	Welders	0	11.00	46	0.45
Mobilization	Cranes	1	11.00	231	0.29
Mobilization	Rubber Tired Dozers	0	11.00	247	0.40
Mobilization	Tractors/Loaders/Backhoes	0	11.00	97	0.37
General Site	Pavers	1	11.00	130	0.42
General Site	Plate Compactors	1	11.00	8	0.43
General Site	Rubber Tired Dozers	0	11.00	247	0.40
General Site	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Headworks	Air Compressors	1	11.00	78	0.48
Headworks	Cranes	1	11.00	231	0.29
Headworks	Forklifts	2	11.00	89	0.20

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Headworks	Generator Sets	1	11.00	84	0.74
Headworks	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Headworks	Welders	1	11.00	46	0.45
Secondary	Aerial Lifts	3	11.00	63	0.31
Secondary	Cranes	3	11.00	231	0.29
Secondary	Forklifts	0	11.00	89	0.20
Secondary	Generator Sets	0	11.00	84	0.74
Secondary	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Secondary	Welders	1	11.00	46	0.45
Tertiary	Air Compressors	1	11.00	78	0.48
Tertiary	Cranes	2	11.00	231	0.29
Tertiary	Forklifts	1	11.00	89	0.20
Tertiary	Generator Sets	0	11.00	84	0.74
Tertiary	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Tertiary	Welders	1	11.00	46	0.45
Disinfection	Cranes	1	11.00	231	0.29
Disinfection	Forklifts	1	11.00	89	0.20
Disinfection	Generator Sets	0	11.00	84	0.74
Disinfection	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Disinfection	Welders	1	11.00	46	0.45
Solids Handling	Cranes	1	11.00	231	0.29
Solids Handling	Forklifts	2	11.00	89	0.20
Solids Handling	Generator Sets	0	11.00	84	0.74
Solids Handling	Plate Compactors	1	11.00	8	0.43
Solids Handling	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Solids Handling	Welders	1	11.00	46	0.45
Aeration	Cranes	0	11.00	231	0.29

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Aeration	Forklifts	1	11.00	89	0.20
Aeration	Generator Sets	0	11.00	84	0.74
Aeration	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Aeration	Welders	1	11.00	46	0.45
El&C	Cranes	0	11.00	231	0.29
El&C	Forklifts	1	11.00	89	0.20
El&C	Generator Sets	0	11.00	84	0.74
El&C	Tractors/Loaders/Backhoes	1	11.00	97	0.37
El&C	Welders	0	11.00	46	0.45
Percolation ponds	Cranes	0	11.00	231	0.29
Percolation ponds	Excavators	1	11.00	158	0.38
Percolation ponds	Forklifts	0	11.00	89	0.20
Percolation ponds	Generator Sets	0	11.00	84	0.74
Percolation ponds	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Percolation ponds	Welders	0	11.00	46	0.45
Util Paving	Pavers	1	11.00	130	0.42
Util Paving	Paving Equipment	1	11.00	132	0.36
Util Paving	Rollers	2	11.00	80	0.38
Util Paving	Signal Boards	5	24.00	6	0.82
Util Paving	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Paving	Pavers	2	11.00	130	0.42
Paving	Paving Equipment	2	11.00	132	0.36
Paving	Rollers	2	11.00	80	0.38
Demobilization	Cranes	1	7.00	231	0.29
Demobilization	Forklifts	0	8.00	89	0.20
Demobilization	Generator Sets	0	8.00	84	0.74
Demobilization	Tractors/Loaders/Backhoes	0	7.00	97	0.37

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Demobilization	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	4	11.00	78	0.48
Phase 2 Building	Cranes	3	11.00	231	0.29
Phase 2 Building	Forklifts	3	11.00	89	0.20
Phase 2 Building	Generator Sets	1	11.00	84	0.74
Phase 2 Building	Tractors/Loaders/Backhoes	4	11.00	97	0.37
Phase 2 Building	Welders	1	11.00	46	0.45
Phase 2 Architectural Coating	Air Compressors	4	11.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	19	48.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	238.00	0.00	2,890.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Site Preparation	8	34.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Grading	20	64.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Construction	16	50.00	0.00	200.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Mobilization	1	8.00	0.00	5.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
General Site	3	6.00	0.00	72.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Headworks	6	8.00	0.00	68.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Secondary	7	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Tertiary	5	12.00	0.00	38.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Disinfection	3	4.00	0.00	26.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Solids Handling	6	12.00	0.00	40.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Aeration	2	4.00	0.00	8.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
El&C	2	4.00	0.00	44.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Percolation ponds	1	4.00	8.00	4,241.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Paving	10	44.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Demobilization	1	144.00	0.00	8.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	46.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Building	12	238.00	0.00	2,890.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Architectural Coating	4	46.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1987	0.0000	0.1987	0.1092	0.0000	0.1092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0277	0.2830	0.1771	3.8000e-004		0.0128	0.0128		0.0118	0.0118	0.0000	33.7914	33.7914	0.0109	0.0000	34.0647
Total	0.0277	0.2830	0.1771	3.8000e-004	0.1987	0.0128	0.2115	0.1092	0.0118	0.1210	0.0000	33.7914	33.7914	0.0109	0.0000	34.0647

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3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.6000e-004	2.6200e-003	1.0000e-005	9.7000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.7192	0.7192	2.0000e-005	0.0000	0.7196
Total	3.8000e-004	2.6000e-004	2.6200e-003	1.0000e-005	9.7000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.7192	0.7192	2.0000e-005	0.0000	0.7196

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0775	0.0000	0.0775	0.0426	0.0000	0.0426	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7000e-003	0.0204	0.2038	3.8000e-004		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	33.7914	33.7914	0.0109	0.0000	34.0646
Total	4.7000e-003	0.0204	0.2038	3.8000e-004	0.0775	6.3000e-004	0.0781	0.0426	6.3000e-004	0.0432	0.0000	33.7914	33.7914	0.0109	0.0000	34.0646

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3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.6000e-004	2.6200e-003	1.0000e-005	9.7000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.7192	0.7192	2.0000e-005	0.0000	0.7196
Total	3.8000e-004	2.6000e-004	2.6200e-003	1.0000e-005	9.7000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.7192	0.7192	2.0000e-005	0.0000	0.7196

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8811	0.0000	0.8811	0.4609	0.0000	0.4609	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2818	2.9470	1.7955	4.8000e-003		0.1195	0.1195		0.1100	0.1100	0.0000	421.9750	421.9750	0.1365	0.0000	425.3869
Total	0.2818	2.9470	1.7955	4.8000e-003	0.8811	0.1195	1.0006	0.4609	0.1100	0.5709	0.0000	421.9750	421.9750	0.1365	0.0000	425.3869

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3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0200e-003	2.1000e-003	0.0209	6.0000e-005	0.0145	5.0000e-005	0.0145	3.7000e-003	4.0000e-005	3.7500e-003	0.0000	5.7532	5.7532	1.4000e-004	0.0000	5.7568
Total	3.0200e-003	2.1000e-003	0.0209	6.0000e-005	0.0145	5.0000e-005	0.0145	3.7000e-003	4.0000e-005	3.7500e-003	0.0000	5.7532	5.7532	1.4000e-004	0.0000	5.7568

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3436	0.0000	0.3436	0.1797	0.0000	0.1797	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0728	0.7481	2.3020	4.8000e-003		0.0309	0.0309		0.0309	0.0309	0.0000	421.9745	421.9745	0.1365	0.0000	425.3864
Total	0.0728	0.7481	2.3020	4.8000e-003	0.3436	0.0309	0.3745	0.1797	0.0309	0.2106	0.0000	421.9745	421.9745	0.1365	0.0000	425.3864

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3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0200e-003	2.1000e-003	0.0209	6.0000e-005	0.0145	5.0000e-005	0.0145	3.7000e-003	4.0000e-005	3.7500e-003	0.0000	5.7532	5.7532	1.4000e-004	0.0000	5.7568
Total	3.0200e-003	2.1000e-003	0.0209	6.0000e-005	0.0145	5.0000e-005	0.0145	3.7000e-003	4.0000e-005	3.7500e-003	0.0000	5.7532	5.7532	1.4000e-004	0.0000	5.7568

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1273	1.2270	1.2340	2.3300e-003		0.0544	0.0544		0.0507	0.0507	0.0000	202.2820	202.2820	0.0546	0.0000	203.6473
Total	0.1273	1.2270	1.2340	2.3300e-003		0.0544	0.0544		0.0507	0.0507	0.0000	202.2820	202.2820	0.0546	0.0000	203.6473

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3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0900e-003	0.0402	6.7400e-003	2.2000e-004	0.0200	7.0000e-005	0.0200	5.0400e-003	6.0000e-005	5.1100e-003	0.0000	21.1084	21.1084	9.7000e-004	0.0000	21.1325
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0292	0.0203	0.2025	6.2000e-004	0.0748	4.5000e-004	0.0753	0.0199	4.1000e-004	0.0203	0.0000	55.6262	55.6262	1.4000e-003	0.0000	55.6611
Total	0.0303	0.0605	0.2092	8.4000e-004	0.0948	5.2000e-004	0.0953	0.0249	4.7000e-004	0.0254	0.0000	76.7345	76.7345	2.3700e-003	0.0000	76.7937

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0567	0.8498	1.4902	2.3300e-003		0.0413	0.0413		0.0413	0.0413	0.0000	202.2818	202.2818	0.0546	0.0000	203.6471
Total	0.0567	0.8498	1.4902	2.3300e-003		0.0413	0.0413		0.0413	0.0413	0.0000	202.2818	202.2818	0.0546	0.0000	203.6471

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3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0900e-003	0.0402	6.7400e-003	2.2000e-004	0.0200	7.0000e-005	0.0200	5.0400e-003	6.0000e-005	5.1100e-003	0.0000	21.1084	21.1084	9.7000e-004	0.0000	21.1325
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0292	0.0203	0.2025	6.2000e-004	0.0748	4.5000e-004	0.0753	0.0199	4.1000e-004	0.0203	0.0000	55.6262	55.6262	1.4000e-003	0.0000	55.6611
Total	0.0303	0.0605	0.2092	8.4000e-004	0.0948	5.2000e-004	0.0953	0.0249	4.7000e-004	0.0254	0.0000	76.7345	76.7345	2.3700e-003	0.0000	76.7937

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3972	3.7749	4.0984	7.8100e-003		0.1594	0.1594		0.1486	0.1486	0.0000	677.0643	677.0643	0.1822	0.0000	681.6195
Total	0.3972	3.7749	4.0984	7.8100e-003		0.1594	0.1594		0.1486	0.1486	0.0000	677.0643	677.0643	0.1822	0.0000	681.6195

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3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.6300e-003	0.1322	0.0224	7.4000e-004	0.0229	2.2000e-004	0.0231	6.1100e-003	2.1000e-004	6.3200e-003	0.0000	70.1836	70.1836	3.1900e-003	0.0000	70.2632
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0918	0.0616	0.6237	1.9800e-003	0.2504	1.4600e-003	0.2519	0.0665	1.3500e-003	0.0679	0.0000	178.7348	178.7348	4.2100e-003	0.0000	178.8401
Total	0.0955	0.1938	0.6461	2.7200e-003	0.2733	1.6800e-003	0.2750	0.0726	1.5600e-003	0.0742	0.0000	248.9184	248.9184	7.4000e-003	0.0000	249.1033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1869	2.8366	4.9842	7.8100e-003		0.1372	0.1372		0.1372	0.1372	0.0000	677.0635	677.0635	0.1822	0.0000	681.6187
Total	0.1869	2.8366	4.9842	7.8100e-003		0.1372	0.1372		0.1372	0.1372	0.0000	677.0635	677.0635	0.1822	0.0000	681.6187

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3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.6300e-003	0.1322	0.0224	7.4000e-004	0.0229	2.2000e-004	0.0231	6.1100e-003	2.1000e-004	6.3200e-003	0.0000	70.1836	70.1836	3.1900e-003	0.0000	70.2632
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0918	0.0616	0.6237	1.9800e-003	0.2504	1.4600e-003	0.2519	0.0665	1.3500e-003	0.0679	0.0000	178.7348	178.7348	4.2100e-003	0.0000	178.8401
Total	0.0955	0.1938	0.6461	2.7200e-003	0.2733	1.6800e-003	0.2750	0.0726	1.5600e-003	0.0742	0.0000	248.9184	248.9184	7.4000e-003	0.0000	249.1033

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0761	0.7232	0.7851	1.5000e-003		0.0305	0.0305		0.0285	0.0285	0.0000	129.7058	129.7058	0.0349	0.0000	130.5785
Total	0.0761	0.7232	0.7851	1.5000e-003		0.0305	0.0305		0.0285	0.0285	0.0000	129.7058	129.7058	0.0349	0.0000	130.5785

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3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.9000e-004	0.0249	4.2700e-003	1.4000e-004	0.0195	4.0000e-005	0.0195	4.8800e-003	4.0000e-005	4.9200e-003	0.0000	13.3676	13.3676	6.0000e-004	0.0000	13.3825
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0166	0.0108	0.1107	3.6000e-004	0.0480	2.7000e-004	0.0483	0.0127	2.5000e-004	0.0130	0.0000	32.9968	32.9968	7.3000e-004	0.0000	33.0151
Total	0.0173	0.0357	0.1149	5.0000e-004	0.0675	3.1000e-004	0.0678	0.0176	2.9000e-004	0.0179	0.0000	46.3644	46.3644	1.3300e-003	0.0000	46.3976

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0358	0.5434	0.9548	1.5000e-003		0.0263	0.0263		0.0263	0.0263	0.0000	129.7057	129.7057	0.0349	0.0000	130.5783
Total	0.0358	0.5434	0.9548	1.5000e-003		0.0263	0.0263		0.0263	0.0263	0.0000	129.7057	129.7057	0.0349	0.0000	130.5783

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3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.9000e-004	0.0249	4.2700e-003	1.4000e-004	0.0195	4.0000e-005	0.0195	4.8800e-003	4.0000e-005	4.9200e-003	0.0000	13.3676	13.3676	6.0000e-004	0.0000	13.3825
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0166	0.0108	0.1107	3.6000e-004	0.0480	2.7000e-004	0.0483	0.0127	2.5000e-004	0.0130	0.0000	32.9968	32.9968	7.3000e-004	0.0000	33.0151
Total	0.0173	0.0357	0.1149	5.0000e-004	0.0675	3.1000e-004	0.0678	0.0176	2.9000e-004	0.0179	0.0000	46.3644	46.3644	1.3300e-003	0.0000	46.3976

3.5 Util Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0289	0.2585	0.2518	5.0000e-004		0.0107	0.0107		0.0101	0.0101	0.0000	40.2412	40.2412	0.0110	0.0000	40.5168
Total	0.0289	0.2585	0.2518	5.0000e-004	0.0000	0.0107	0.0107	0.0000	0.0101	0.0101	0.0000	40.2412	40.2412	0.0110	0.0000	40.5168

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3.5 Util Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4400e-003	1.0000e-003	0.0100	3.0000e-005	3.7000e-003	2.0000e-005	3.7200e-003	9.8000e-004	2.0000e-005	1.0000e-003	0.0000	2.7507	2.7507	7.0000e-005	0.0000	2.7525
Total	1.4400e-003	1.0000e-003	0.0100	3.0000e-005	3.7000e-003	2.0000e-005	3.7200e-003	9.8000e-004	2.0000e-005	1.0000e-003	0.0000	2.7507	2.7507	7.0000e-005	0.0000	2.7525

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.2610	0.2992	5.0000e-004		0.0138	0.0138		0.0138	0.0138	0.0000	40.2411	40.2411	0.0110	0.0000	40.5167
Total	0.0204	0.2610	0.2992	5.0000e-004	0.0000	0.0138	0.0138	0.0000	0.0138	0.0138	0.0000	40.2411	40.2411	0.0110	0.0000	40.5167

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3.5 Util Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4400e-003	1.0000e-003	0.0100	3.0000e-005	3.7000e-003	2.0000e-005	3.7200e-003	9.8000e-004	2.0000e-005	1.0000e-003	0.0000	2.7507	2.7507	7.0000e-005	0.0000	2.7525
Total	1.4400e-003	1.0000e-003	0.0100	3.0000e-005	3.7000e-003	2.0000e-005	3.7200e-003	9.8000e-004	2.0000e-005	1.0000e-003	0.0000	2.7507	2.7507	7.0000e-005	0.0000	2.7525

3.6 Util Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1365	0.0000	0.1365	0.0147	0.0000	0.0147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1325	1.2803	1.1976	2.6400e-003		0.0517	0.0517		0.0479	0.0479	0.0000	227.1242	227.1242	0.0706	0.0000	228.8888
Total	0.1325	1.2803	1.1976	2.6400e-003	0.1365	0.0517	0.1882	0.0147	0.0479	0.0626	0.0000	227.1242	227.1242	0.0706	0.0000	228.8888

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3.6 Util Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9200e-003	2.7300e-003	0.0272	8.0000e-005	0.0101	6.0000e-005	0.0101	2.6700e-003	6.0000e-005	2.7300e-003	0.0000	7.4792	7.4792	1.9000e-004	0.0000	7.4839
Total	3.9200e-003	2.7300e-003	0.0272	8.0000e-005	0.0101	6.0000e-005	0.0101	2.6700e-003	6.0000e-005	2.7300e-003	0.0000	7.4792	7.4792	1.9000e-004	0.0000	7.4839

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0533	0.0000	0.0533	5.7500e-003	0.0000	5.7500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0625	0.7909	1.5178	2.6400e-003		0.0342	0.0342		0.0342	0.0342	0.0000	227.1240	227.1240	0.0706	0.0000	228.8886
Total	0.0625	0.7909	1.5178	2.6400e-003	0.0533	0.0342	0.0875	5.7500e-003	0.0342	0.0400	0.0000	227.1240	227.1240	0.0706	0.0000	228.8886

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3.6 Util Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9200e-003	2.7300e-003	0.0272	8.0000e-005	0.0101	6.0000e-005	0.0101	2.6700e-003	6.0000e-005	2.7300e-003	0.0000	7.4792	7.4792	1.9000e-004	0.0000	7.4839
Total	3.9200e-003	2.7300e-003	0.0272	8.0000e-005	0.0101	6.0000e-005	0.0101	2.6700e-003	6.0000e-005	2.7300e-003	0.0000	7.4792	7.4792	1.9000e-004	0.0000	7.4839

3.6 Util Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1365	0.0000	0.1365	0.0147	0.0000	0.0147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1979	1.8165	1.9008	4.3300e-003		0.0719	0.0719		0.0667	0.0667	0.0000	372.6566	372.6566	0.1158	0.0000	375.5518
Total	0.1979	1.8165	1.9008	4.3300e-003	0.1365	0.0719	0.2085	0.0147	0.0667	0.0814	0.0000	372.6566	372.6566	0.1158	0.0000	375.5518

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3.6 Util Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0500e-003	4.0600e-003	0.0411	1.3000e-004	0.0165	1.0000e-004	0.0166	4.3900e-003	9.0000e-005	4.4800e-003	0.0000	11.7856	11.7856	2.8000e-004	0.0000	11.7925
Total	6.0500e-003	4.0600e-003	0.0411	1.3000e-004	0.0165	1.0000e-004	0.0166	4.3900e-003	9.0000e-005	4.4800e-003	0.0000	11.7856	11.7856	2.8000e-004	0.0000	11.7925

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0533	0.0000	0.0533	5.7500e-003	0.0000	5.7500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1026	1.2979	2.4907	4.3300e-003		0.0562	0.0562		0.0562	0.0562	0.0000	372.6562	372.6562	0.1158	0.0000	375.5514
Total	0.1026	1.2979	2.4907	4.3300e-003	0.0533	0.0562	0.1094	5.7500e-003	0.0562	0.0619	0.0000	372.6562	372.6562	0.1158	0.0000	375.5514

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3.6 Util Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0500e-003	4.0600e-003	0.0411	1.3000e-004	0.0165	1.0000e-004	0.0166	4.3900e-003	9.0000e-005	4.4800e-003	0.0000	11.7856	11.7856	2.8000e-004	0.0000	11.7925
Total	6.0500e-003	4.0600e-003	0.0411	1.3000e-004	0.0165	1.0000e-004	0.0166	4.3900e-003	9.0000e-005	4.4800e-003	0.0000	11.7856	11.7856	2.8000e-004	0.0000	11.7925

3.7 Util Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2018	1.7730	1.8653	3.9800e-003		0.0707	0.0707		0.0672	0.0672	0.0000	335.7210	335.7210	0.0756	0.0000	337.6106
Total	0.2018	1.7730	1.8653	3.9800e-003		0.0707	0.0707		0.0672	0.0672	0.0000	335.7210	335.7210	0.0756	0.0000	337.6106

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3.7 Util Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.7000e-004	0.0136	2.3100e-003	8.0000e-005	1.7300e-003	2.0000e-005	1.7500e-003	4.7000e-004	2.0000e-005	5.0000e-004	0.0000	7.2390	7.2390	3.3000e-004	0.0000	7.2472
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.7300e-003	4.5100e-003	0.0457	1.4000e-004	0.0183	1.1000e-004	0.0185	4.8700e-003	1.0000e-004	4.9700e-003	0.0000	13.0919	13.0919	3.1000e-004	0.0000	13.0996
Total	7.1000e-003	0.0182	0.0480	2.2000e-004	0.0201	1.3000e-004	0.0202	5.3400e-003	1.2000e-004	5.4700e-003	0.0000	20.3309	20.3309	6.4000e-004	0.0000	20.3468

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1125	1.2354	2.2291	3.9800e-003		0.0610	0.0610		0.0610	0.0610	0.0000	335.7206	335.7206	0.0756	0.0000	337.6102
Total	0.1125	1.2354	2.2291	3.9800e-003		0.0610	0.0610		0.0610	0.0610	0.0000	335.7206	335.7206	0.0756	0.0000	337.6102

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3.7 Util Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.7000e-004	0.0136	2.3100e-003	8.0000e-005	1.7300e-003	2.0000e-005	1.7500e-003	4.7000e-004	2.0000e-005	5.0000e-004	0.0000	7.2390	7.2390	3.3000e-004	0.0000	7.2472
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.7300e-003	4.5100e-003	0.0457	1.4000e-004	0.0183	1.1000e-004	0.0185	4.8700e-003	1.0000e-004	4.9700e-003	0.0000	13.0919	13.0919	3.1000e-004	0.0000	13.0996
Total	7.1000e-003	0.0182	0.0480	2.2000e-004	0.0201	1.3000e-004	0.0202	5.3400e-003	1.2000e-004	5.4700e-003	0.0000	20.3309	20.3309	6.4000e-004	0.0000	20.3468

3.8 Mobilization - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1500e-003	0.0218	0.0119	4.0000e-005		9.3000e-004	9.3000e-004		8.5000e-004	8.5000e-004	0.0000	3.4853	3.4853	1.1300e-003	0.0000	3.5135
Total	2.1500e-003	0.0218	0.0119	4.0000e-005	0.0000	9.3000e-004	9.3000e-004	0.0000	8.5000e-004	8.5000e-004	0.0000	3.4853	3.4853	1.1300e-003	0.0000	3.5135

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3.8 Mobilization - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	3.4000e-004	6.0000e-005	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1810	0.1810	1.0000e-005	0.0000	0.1812
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	8.0000e-005	8.0000e-004	0.0000	3.2000e-004	0.0000	3.2000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2302	0.2302	1.0000e-005	0.0000	0.2303
Total	1.3000e-004	4.2000e-004	8.6000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.4112	0.4112	2.0000e-005	0.0000	0.4115

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.7000e-004	0.0188	0.0211	4.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	3.4853	3.4853	1.1300e-003	0.0000	3.5135
Total	9.7000e-004	0.0188	0.0211	4.0000e-005	0.0000	7.1000e-004	7.1000e-004	0.0000	7.1000e-004	7.1000e-004	0.0000	3.4853	3.4853	1.1300e-003	0.0000	3.5135

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3.8 Mobilization - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	3.4000e-004	6.0000e-005	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1810	0.1810	1.0000e-005	0.0000	0.1812
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	8.0000e-005	8.0000e-004	0.0000	3.2000e-004	0.0000	3.2000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2302	0.2302	1.0000e-005	0.0000	0.2303
Total	1.3000e-004	4.2000e-004	8.6000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.4112	0.4112	2.0000e-005	0.0000	0.4115

3.9 General Site - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0357	0.3269	0.5503	8.6000e-004		0.0142	0.0142		0.0132	0.0132	0.0000	74.0502	74.0502	0.0232	0.0000	74.6312
Total	0.0357	0.3269	0.5503	8.6000e-004	0.0000	0.0142	0.0142	0.0000	0.0132	0.0132	0.0000	74.0502	74.0502	0.0232	0.0000	74.6312

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3.9 General Site - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	4.9100e-003	8.3000e-004	3.0000e-005	6.2000e-004	1.0000e-005	6.3000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	2.6060	2.6060	1.2000e-004	0.0000	2.6090
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3300e-003	8.9000e-004	9.0400e-003	3.0000e-005	3.6300e-003	2.0000e-005	3.6500e-003	9.6000e-004	2.0000e-005	9.8000e-004	0.0000	2.5896	2.5896	6.0000e-005	0.0000	2.5911
Total	1.4600e-003	5.8000e-003	9.8700e-003	6.0000e-005	4.2500e-003	3.0000e-005	4.2800e-003	1.1300e-003	3.0000e-005	1.1600e-003	0.0000	5.1956	5.1956	1.8000e-004	0.0000	5.2001

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0200	0.2733	0.6307	8.6000e-004		0.0127	0.0127		0.0127	0.0127	0.0000	74.0501	74.0501	0.0232	0.0000	74.6311
Total	0.0200	0.2733	0.6307	8.6000e-004	0.0000	0.0127	0.0127	0.0000	0.0127	0.0127	0.0000	74.0501	74.0501	0.0232	0.0000	74.6311

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3.9 General Site - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	4.9100e-003	8.3000e-004	3.0000e-005	6.2000e-004	1.0000e-005	6.3000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	2.6060	2.6060	1.2000e-004	0.0000	2.6090
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3300e-003	8.9000e-004	9.0400e-003	3.0000e-005	3.6300e-003	2.0000e-005	3.6500e-003	9.6000e-004	2.0000e-005	9.8000e-004	0.0000	2.5896	2.5896	6.0000e-005	0.0000	2.5911
Total	1.4600e-003	5.8000e-003	9.8700e-003	6.0000e-005	4.2500e-003	3.0000e-005	4.2800e-003	1.1300e-003	3.0000e-005	1.1600e-003	0.0000	5.1956	5.1956	1.8000e-004	0.0000	5.2001

3.10 Headworks - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1114	0.9346	1.0884	2.0300e-003		0.0397	0.0397		0.0380	0.0380	0.0000	173.5040	173.5040	0.0286	0.0000	174.2190
Total	0.1114	0.9346	1.0884	2.0300e-003		0.0397	0.0397		0.0380	0.0380	0.0000	173.5040	173.5040	0.0286	0.0000	174.2190

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3.10 Headworks - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	4.6400e-003	7.9000e-004	3.0000e-005	5.9000e-004	1.0000e-005	5.9000e-004	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	2.4613	2.4613	1.1000e-004	0.0000	2.4640
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-003	1.0700e-003	0.0108	3.0000e-005	4.3500e-003	3.0000e-005	4.3800e-003	1.1600e-003	2.0000e-005	1.1800e-003	0.0000	3.1075	3.1075	7.0000e-005	0.0000	3.1094
Total	1.7300e-003	5.7100e-003	0.0116	6.0000e-005	4.9400e-003	4.0000e-005	4.9700e-003	1.3200e-003	3.0000e-005	1.3500e-003	0.0000	5.5688	5.5688	1.8000e-004	0.0000	5.5734

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0739	0.9592	1.2544	2.0300e-003		0.0505	0.0505		0.0505	0.0505	0.0000	173.5038	173.5038	0.0286	0.0000	174.2188
Total	0.0739	0.9592	1.2544	2.0300e-003		0.0505	0.0505		0.0505	0.0505	0.0000	173.5038	173.5038	0.0286	0.0000	174.2188

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3.10 Headworks - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	4.6400e-003	7.9000e-004	3.0000e-005	5.9000e-004	1.0000e-005	5.9000e-004	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	2.4613	2.4613	1.1000e-004	0.0000	2.4640
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-003	1.0700e-003	0.0108	3.0000e-005	4.3500e-003	3.0000e-005	4.3800e-003	1.1600e-003	2.0000e-005	1.1800e-003	0.0000	3.1075	3.1075	7.0000e-005	0.0000	3.1094
Total	1.7300e-003	5.7100e-003	0.0116	6.0000e-005	4.9400e-003	4.0000e-005	4.9700e-003	1.3200e-003	3.0000e-005	1.3500e-003	0.0000	5.5688	5.5688	1.8000e-004	0.0000	5.5734

3.11 Secondary - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1083	1.0662	0.8709	2.1400e-003		0.0405	0.0405		0.0376	0.0376	0.0000	184.9096	184.9096	0.0561	0.0000	186.3123
Total	0.1083	1.0662	0.8709	2.1400e-003		0.0405	0.0405		0.0376	0.0376	0.0000	184.9096	184.9096	0.0561	0.0000	186.3123

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3.11 Secondary - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.4000e-004	5.0000e-004	5.0200e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.4387	1.4387	3.0000e-005	0.0000	1.4395
Total	7.4000e-004	5.0000e-004	5.0200e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.4387	1.4387	3.0000e-005	0.0000	1.4395

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0642	0.9562	1.2152	2.1400e-003		0.0326	0.0326		0.0324	0.0324	0.0000	184.9094	184.9094	0.0561	0.0000	186.3121
Total	0.0642	0.9562	1.2152	2.1400e-003		0.0326	0.0326		0.0324	0.0324	0.0000	184.9094	184.9094	0.0561	0.0000	186.3121

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3.11 Secondary - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.4000e-004	5.0000e-004	5.0200e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.4387	1.4387	3.0000e-005	0.0000	1.4395
Total	7.4000e-004	5.0000e-004	5.0200e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.4387	1.4387	3.0000e-005	0.0000	1.4395

3.12 Tertiary - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1380	1.1922	1.0313	2.3300e-003		0.0503	0.0503		0.0473	0.0473	0.0000	199.4419	199.4419	0.0485	0.0000	200.6545
Total	0.1380	1.1922	1.0313	2.3300e-003		0.0503	0.0503		0.0473	0.0473	0.0000	199.4419	199.4419	0.0485	0.0000	200.6545

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3.12 Tertiary - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.0000e-005	2.3700e-003	4.0000e-004	1.0000e-005	3.2000e-004	0.0000	3.2000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	1.2590	1.2590	6.0000e-005	0.0000	1.2604
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0700e-003	2.0600e-003	0.0208	7.0000e-005	8.3700e-003	5.0000e-005	8.4200e-003	2.2200e-003	5.0000e-005	2.2700e-003	0.0000	5.9734	5.9734	1.4000e-004	0.0000	5.9769
Total	3.1400e-003	4.4300e-003	0.0212	8.0000e-005	8.6900e-003	5.0000e-005	8.7400e-003	2.3100e-003	5.0000e-005	2.3600e-003	0.0000	7.2323	7.2323	2.0000e-004	0.0000	7.2373

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0914	1.0956	1.3522	2.3300e-003		0.0449	0.0449		0.0449	0.0449	0.0000	199.4417	199.4417	0.0485	0.0000	200.6543
Total	0.0914	1.0956	1.3522	2.3300e-003		0.0449	0.0449		0.0449	0.0449	0.0000	199.4417	199.4417	0.0485	0.0000	200.6543

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3.12 Tertiary - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.0000e-005	2.3700e-003	4.0000e-004	1.0000e-005	3.2000e-004	0.0000	3.2000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	1.2590	1.2590	6.0000e-005	0.0000	1.2604
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0700e-003	2.0600e-003	0.0208	7.0000e-005	8.3700e-003	5.0000e-005	8.4200e-003	2.2200e-003	5.0000e-005	2.2700e-003	0.0000	5.9734	5.9734	1.4000e-004	0.0000	5.9769
Total	3.1400e-003	4.4300e-003	0.0212	8.0000e-005	8.6900e-003	5.0000e-005	8.7400e-003	2.3100e-003	5.0000e-005	2.3600e-003	0.0000	7.2323	7.2323	2.0000e-004	0.0000	7.2373

3.12 Tertiary - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0128	0.1103	0.0954	2.2000e-004		4.6500e-003	4.6500e-003		4.3700e-003	4.3700e-003	0.0000	18.4455	18.4455	4.4900e-003	0.0000	18.5576
Total	0.0128	0.1103	0.0954	2.2000e-004		4.6500e-003	4.6500e-003		4.3700e-003	4.3700e-003	0.0000	18.4455	18.4455	4.4900e-003	0.0000	18.5576

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3.12 Tertiary - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	2.2000e-004	4.0000e-005	0.0000	2.5000e-004	0.0000	2.5000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1158	0.1158	1.0000e-005	0.0000	0.1159
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.7000e-004	1.7900e-003	1.0000e-005	7.7000e-004	0.0000	7.8000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.5324	0.5324	1.0000e-005	0.0000	0.5327
Total	2.8000e-004	3.9000e-004	1.8300e-003	1.0000e-005	1.0200e-003	0.0000	1.0300e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.6482	0.6482	2.0000e-005	0.0000	0.6486

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4600e-003	0.1013	0.1251	2.2000e-004		4.1600e-003	4.1600e-003		4.1600e-003	4.1600e-003	0.0000	18.4455	18.4455	4.4900e-003	0.0000	18.5576
Total	8.4600e-003	0.1013	0.1251	2.2000e-004		4.1600e-003	4.1600e-003		4.1600e-003	4.1600e-003	0.0000	18.4455	18.4455	4.4900e-003	0.0000	18.5576

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3.12 Tertiary - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	2.2000e-004	4.0000e-005	0.0000	2.5000e-004	0.0000	2.5000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1158	0.1158	1.0000e-005	0.0000	0.1159
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.7000e-004	1.7900e-003	1.0000e-005	7.7000e-004	0.0000	7.8000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.5324	0.5324	1.0000e-005	0.0000	0.5327
Total	2.8000e-004	3.9000e-004	1.8300e-003	1.0000e-005	1.0200e-003	0.0000	1.0300e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.6482	0.6482	2.0000e-005	0.0000	0.6486

3.13 Disinfection - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0490	0.4213	0.3575	7.8000e-004		0.0173	0.0173		0.0162	0.0162	0.0000	65.5800	65.5800	0.0178	0.0000	66.0253
Total	0.0490	0.4213	0.3575	7.8000e-004		0.0173	0.0173		0.0162	0.0162	0.0000	65.5800	65.5800	0.0178	0.0000	66.0253

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3.13 Disinfection - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	1.7700e-003	3.0000e-004	1.0000e-005	2.2000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.9411	0.9411	4.0000e-005	0.0000	0.9421
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	4.6000e-004	4.6200e-003	1.0000e-005	1.8500e-003	1.0000e-005	1.8700e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.3236	1.3236	3.0000e-005	0.0000	1.3244
Total	7.3000e-004	2.2300e-003	4.9200e-003	2.0000e-005	2.0700e-003	1.0000e-005	2.1000e-003	5.5000e-004	1.0000e-005	5.6000e-004	0.0000	2.2647	2.2647	7.0000e-005	0.0000	2.2665

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0316	0.3908	0.4653	7.8000e-004		0.0162	0.0162		0.0162	0.0162	0.0000	65.5799	65.5799	0.0178	0.0000	66.0252
Total	0.0316	0.3908	0.4653	7.8000e-004		0.0162	0.0162		0.0162	0.0162	0.0000	65.5799	65.5799	0.0178	0.0000	66.0252

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3.13 Disinfection - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	1.7700e-003	3.0000e-004	1.0000e-005	2.2000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.9411	0.9411	4.0000e-005	0.0000	0.9421
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	4.6000e-004	4.6200e-003	1.0000e-005	1.8500e-003	1.0000e-005	1.8700e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.3236	1.3236	3.0000e-005	0.0000	1.3244
Total	7.3000e-004	2.2300e-003	4.9200e-003	2.0000e-005	2.0700e-003	1.0000e-005	2.1000e-003	5.5000e-004	1.0000e-005	5.6000e-004	0.0000	2.2647	2.2647	7.0000e-005	0.0000	2.2665

3.14 Solids Handling - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0815	0.7178	0.7514	1.3900e-003		0.0304	0.0304		0.0283	0.0283	0.0000	117.7848	117.7848	0.0335	0.0000	118.6214
Total	0.0815	0.7178	0.7514	1.3900e-003		0.0304	0.0304		0.0283	0.0283	0.0000	117.7848	117.7848	0.0335	0.0000	118.6214

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3.14 Solids Handling - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.0000e-005	2.7300e-003	4.6000e-004	2.0000e-005	3.5000e-004	0.0000	3.5000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	1.4478	1.4478	7.0000e-005	0.0000	1.4494
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3900e-003	1.6100e-003	0.0163	5.0000e-005	6.5300e-003	4.0000e-005	6.5700e-003	1.7300e-003	4.0000e-005	1.7700e-003	0.0000	4.6613	4.6613	1.1000e-004	0.0000	4.6640
Total	2.4600e-003	4.3400e-003	0.0167	7.0000e-005	6.8800e-003	4.0000e-005	6.9200e-003	1.8200e-003	4.0000e-005	1.8700e-003	0.0000	6.1091	6.1091	1.8000e-004	0.0000	6.1135

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0478	0.5772	0.8909	1.3900e-003		0.0260	0.0260		0.0260	0.0260	0.0000	117.7846	117.7846	0.0335	0.0000	118.6213
Total	0.0478	0.5772	0.8909	1.3900e-003		0.0260	0.0260		0.0260	0.0260	0.0000	117.7846	117.7846	0.0335	0.0000	118.6213

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3.14 Solids Handling - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.0000e-005	2.7300e-003	4.6000e-004	2.0000e-005	3.5000e-004	0.0000	3.5000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	1.4478	1.4478	7.0000e-005	0.0000	1.4494
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3900e-003	1.6100e-003	0.0163	5.0000e-005	6.5300e-003	4.0000e-005	6.5700e-003	1.7300e-003	4.0000e-005	1.7700e-003	0.0000	4.6613	4.6613	1.1000e-004	0.0000	4.6640
Total	2.4600e-003	4.3400e-003	0.0167	7.0000e-005	6.8800e-003	4.0000e-005	6.9200e-003	1.8200e-003	4.0000e-005	1.8700e-003	0.0000	6.1091	6.1091	1.8000e-004	0.0000	6.1135

3.15 Aeration - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0169	0.1188	0.1532	2.2000e-004		4.6600e-003	4.6600e-003		4.4700e-003	4.4700e-003	0.0000	17.7382	17.7382	3.3700e-003	0.0000	17.8225
Total	0.0169	0.1188	0.1532	2.2000e-004		4.6600e-003	4.6600e-003		4.4700e-003	4.4700e-003	0.0000	17.7382	17.7382	3.3700e-003	0.0000	17.8225

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3.15 Aeration - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	5.5000e-004	9.0000e-005	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2896	0.2896	1.0000e-005	0.0000	0.2899
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7000e-004	3.2000e-004	3.2100e-003	1.0000e-005	1.2900e-003	1.0000e-005	1.3000e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	0.9208	0.9208	2.0000e-005	0.0000	0.9213
Total	4.8000e-004	8.7000e-004	3.3000e-003	1.0000e-005	1.3600e-003	1.0000e-005	1.3700e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2103	1.2103	3.0000e-005	0.0000	1.2112

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0142	0.1211	0.1547	2.2000e-004		5.5600e-003	5.5600e-003		5.5600e-003	5.5600e-003	0.0000	17.7381	17.7381	3.3700e-003	0.0000	17.8225
Total	0.0142	0.1211	0.1547	2.2000e-004		5.5600e-003	5.5600e-003		5.5600e-003	5.5600e-003	0.0000	17.7381	17.7381	3.3700e-003	0.0000	17.8225

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3.15 Aeration - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	5.5000e-004	9.0000e-005	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2896	0.2896	1.0000e-005	0.0000	0.2899
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7000e-004	3.2000e-004	3.2100e-003	1.0000e-005	1.2900e-003	1.0000e-005	1.3000e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	0.9208	0.9208	2.0000e-005	0.0000	0.9213
Total	4.8000e-004	8.7000e-004	3.3000e-003	1.0000e-005	1.3600e-003	1.0000e-005	1.3700e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2103	1.2103	3.0000e-005	0.0000	1.2112

3.16 EI&C - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0245	0.2413	0.3769	5.2000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	45.7564	45.7564	0.0148	0.0000	46.1264
Total	0.0245	0.2413	0.3769	5.2000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	45.7564	45.7564	0.0148	0.0000	46.1264

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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	2.3300e-003	3.9000e-004	1.0000e-005	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	1.2361	1.2361	6.0000e-005	0.0000	1.2375
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-004	6.5000e-004	6.5500e-003	2.0000e-005	2.6300e-003	2.0000e-005	2.6400e-003	7.0000e-004	1.0000e-005	7.1000e-004	0.0000	1.8760	1.8760	4.0000e-005	0.0000	1.8771
Total	1.0200e-003	2.9800e-003	6.9400e-003	3.0000e-005	2.9900e-003	2.0000e-005	3.0000e-003	8.0000e-004	1.0000e-005	8.1000e-004	0.0000	3.1122	3.1122	1.0000e-004	0.0000	3.1147

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4800e-003	0.1148	0.3926	5.2000e-004		7.3200e-003	7.3200e-003		7.3200e-003	7.3200e-003	0.0000	45.7564	45.7564	0.0148	0.0000	46.1264
Total	8.4800e-003	0.1148	0.3926	5.2000e-004		7.3200e-003	7.3200e-003		7.3200e-003	7.3200e-003	0.0000	45.7564	45.7564	0.0148	0.0000	46.1264

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	2.3300e-003	3.9000e-004	1.0000e-005	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	1.2361	1.2361	6.0000e-005	0.0000	1.2375
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-004	6.5000e-004	6.5500e-003	2.0000e-005	2.6300e-003	2.0000e-005	2.6400e-003	7.0000e-004	1.0000e-005	7.1000e-004	0.0000	1.8760	1.8760	4.0000e-005	0.0000	1.8771
Total	1.0200e-003	2.9800e-003	6.9400e-003	3.0000e-005	2.9900e-003	2.0000e-005	3.0000e-003	8.0000e-004	1.0000e-005	8.1000e-004	0.0000	3.1122	3.1122	1.0000e-004	0.0000	3.1147

3.16 EI&C - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.0800e-003	0.0696	0.1087	1.5000e-004		3.1600e-003	3.1600e-003		2.9100e-003	2.9100e-003	0.0000	13.1936	13.1936	4.2700e-003	0.0000	13.3003
Total	7.0800e-003	0.0696	0.1087	1.5000e-004		3.1600e-003	3.1600e-003		2.9100e-003	2.9100e-003	0.0000	13.1936	13.1936	4.2700e-003	0.0000	13.3003

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3.16 EI&C - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	6.6000e-004	1.1000e-004	0.0000	3.1000e-004	0.0000	3.1000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.3544	0.3544	2.0000e-005	0.0000	0.3548
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-004	1.7000e-004	1.7500e-003	1.0000e-005	7.6000e-004	0.0000	7.6000e-004	2.0000e-004	0.0000	2.1000e-004	0.0000	0.5213	0.5213	1.0000e-005	0.0000	0.5216
Total	2.8000e-004	8.3000e-004	1.8600e-003	1.0000e-005	1.0700e-003	0.0000	1.0700e-003	2.8000e-004	0.0000	2.9000e-004	0.0000	0.8757	0.8757	3.0000e-005	0.0000	0.8764

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.4400e-003	0.0331	0.1132	1.5000e-004		2.1100e-003	2.1100e-003		2.1100e-003	2.1100e-003	0.0000	13.1936	13.1936	4.2700e-003	0.0000	13.3002
Total	2.4400e-003	0.0331	0.1132	1.5000e-004		2.1100e-003	2.1100e-003		2.1100e-003	2.1100e-003	0.0000	13.1936	13.1936	4.2700e-003	0.0000	13.3002

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	6.6000e-004	1.1000e-004	0.0000	3.1000e-004	0.0000	3.1000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.3544	0.3544	2.0000e-005	0.0000	0.3548
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-004	1.7000e-004	1.7500e-003	1.0000e-005	7.6000e-004	0.0000	7.6000e-004	2.0000e-004	0.0000	2.1000e-004	0.0000	0.5213	0.5213	1.0000e-005	0.0000	0.5216
Total	2.8000e-004	8.3000e-004	1.8600e-003	1.0000e-005	1.0700e-003	0.0000	1.0700e-003	2.8000e-004	0.0000	2.9000e-004	0.0000	0.8757	0.8757	3.0000e-005	0.0000	0.8764

3.17 Percolation ponds - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.0400e-003	0.0588	0.1569	2.5000e-004		2.8800e-003	2.8800e-003		2.6500e-003	2.6500e-003	0.0000	21.8439	21.8439	7.0600e-003	0.0000	22.0205
Total	8.0400e-003	0.0588	0.1569	2.5000e-004		2.8800e-003	2.8800e-003		2.6500e-003	2.6500e-003	0.0000	21.8439	21.8439	7.0600e-003	0.0000	22.0205

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3.17 Percolation ponds - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.9400e-003	0.2892	0.0490	1.6100e-003	0.0366	4.7000e-004	0.0371	0.0101	4.5000e-004	0.0105	0.0000	153.5023	153.5023	6.9700e-003	0.0000	153.6765
Vendor	5.8000e-004	0.0199	4.3000e-003	8.0000e-005	1.8700e-003	2.0000e-005	1.8900e-003	5.4000e-004	2.0000e-005	5.6000e-004	0.0000	7.5665	7.5665	4.7000e-004	0.0000	7.5782
Worker	4.1000e-004	2.8000e-004	2.8100e-003	1.0000e-005	1.1300e-003	1.0000e-005	1.1400e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.8057	0.8057	2.0000e-005	0.0000	0.8061
Total	8.9300e-003	0.3094	0.0561	1.7000e-003	0.0396	5.0000e-004	0.0401	0.0109	4.8000e-004	0.0114	0.0000	161.8744	161.8744	7.4600e-003	0.0000	162.0608

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.1200e-003	0.1182	0.1886	2.5000e-004		5.7100e-003	5.7100e-003		5.7100e-003	5.7100e-003	0.0000	21.8439	21.8439	7.0600e-003	0.0000	22.0205
Total	6.1200e-003	0.1182	0.1886	2.5000e-004		5.7100e-003	5.7100e-003		5.7100e-003	5.7100e-003	0.0000	21.8439	21.8439	7.0600e-003	0.0000	22.0205

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3.17 Percolation ponds - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.9400e-003	0.2892	0.0490	1.6100e-003	0.0366	4.7000e-004	0.0371	0.0101	4.5000e-004	0.0105	0.0000	153.5023	153.5023	6.9700e-003	0.0000	153.6765
Vendor	5.8000e-004	0.0199	4.3000e-003	8.0000e-005	1.8700e-003	2.0000e-005	1.8900e-003	5.4000e-004	2.0000e-005	5.6000e-004	0.0000	7.5665	7.5665	4.7000e-004	0.0000	7.5782
Worker	4.1000e-004	2.8000e-004	2.8100e-003	1.0000e-005	1.1300e-003	1.0000e-005	1.1400e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.8057	0.8057	2.0000e-005	0.0000	0.8061
Total	8.9300e-003	0.3094	0.0561	1.7000e-003	0.0396	5.0000e-004	0.0401	0.0109	4.8000e-004	0.0114	0.0000	161.8744	161.8744	7.4600e-003	0.0000	162.0608

3.18 Util Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0372	0.3022	0.4029	6.8000e-004		0.0134	0.0134		0.0127	0.0127	0.0000	54.8212	54.8212	0.0148	0.0000	55.1908
Paving	0.0248					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0620	0.3022	0.4029	6.8000e-004		0.0134	0.0134		0.0127	0.0127	0.0000	54.8212	54.8212	0.0148	0.0000	55.1908

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3.18 Util Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-003	1.7400e-003	0.0177	6.0000e-005	7.1000e-003	4.0000e-005	7.1400e-003	1.8800e-003	4.0000e-005	1.9200e-003	0.0000	5.0641	5.0641	1.2000e-004	0.0000	5.0671
Total	2.6000e-003	1.7400e-003	0.0177	6.0000e-005	7.1000e-003	4.0000e-005	7.1400e-003	1.8800e-003	4.0000e-005	1.9200e-003	0.0000	5.0641	5.0641	1.2000e-004	0.0000	5.0671

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0277	0.3081	0.4471	6.8000e-004		0.0155	0.0155		0.0155	0.0155	0.0000	54.8212	54.8212	0.0148	0.0000	55.1907
Paving	0.0248					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0526	0.3081	0.4471	6.8000e-004		0.0155	0.0155		0.0155	0.0155	0.0000	54.8212	54.8212	0.0148	0.0000	55.1907

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3.18 Util Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-003	1.7400e-003	0.0177	6.0000e-005	7.1000e-003	4.0000e-005	7.1400e-003	1.8800e-003	4.0000e-005	1.9200e-003	0.0000	5.0641	5.0641	1.2000e-004	0.0000	5.0671
Total	2.6000e-003	1.7400e-003	0.0177	6.0000e-005	7.1000e-003	4.0000e-005	7.1400e-003	1.8800e-003	4.0000e-005	1.9200e-003	0.0000	5.0641	5.0641	1.2000e-004	0.0000	5.0671

3.19 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0183	0.1711	0.2907	4.5000e-004		8.3400e-003	8.3400e-003		7.6800e-003	7.6800e-003	0.0000	39.9134	39.9134	0.0129	0.0000	40.2361
Paving	0.0248					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0431	0.1711	0.2907	4.5000e-004		8.3400e-003	8.3400e-003		7.6800e-003	7.6800e-003	0.0000	39.9134	39.9134	0.0129	0.0000	40.2361

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3.19 Paving - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1000e-004	3.9000e-004	4.0400e-003	1.0000e-005	1.7500e-003	1.0000e-005	1.7600e-003	4.7000e-004	1.0000e-005	4.7000e-004	0.0000	1.2062	1.2062	3.0000e-005	0.0000	1.2069
Total	6.1000e-004	3.9000e-004	4.0400e-003	1.0000e-005	1.7500e-003	1.0000e-005	1.7600e-003	4.7000e-004	1.0000e-005	4.7000e-004	0.0000	1.2062	1.2062	3.0000e-005	0.0000	1.2069

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0112	0.2252	0.3448	4.5000e-004		0.0122	0.0122		0.0122	0.0122	0.0000	39.9133	39.9133	0.0129	0.0000	40.2361
Paving	0.0248					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0360	0.2252	0.3448	4.5000e-004		0.0122	0.0122		0.0122	0.0122	0.0000	39.9133	39.9133	0.0129	0.0000	40.2361

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3.19 Paving - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1000e-004	3.9000e-004	4.0400e-003	1.0000e-005	1.7500e-003	1.0000e-005	1.7600e-003	4.7000e-004	1.0000e-005	4.7000e-004	0.0000	1.2062	1.2062	3.0000e-005	0.0000	1.2069
Total	6.1000e-004	3.9000e-004	4.0400e-003	1.0000e-005	1.7500e-003	1.0000e-005	1.7600e-003	4.7000e-004	1.0000e-005	4.7000e-004	0.0000	1.2062	1.2062	3.0000e-005	0.0000	1.2069

3.20 Demobilization - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3700e-003	0.0139	7.6000e-003	3.0000e-005		5.9000e-004	5.9000e-004		5.4000e-004	5.4000e-004	0.0000	2.2179	2.2179	7.2000e-004	0.0000	2.2359
Total	1.3700e-003	0.0139	7.6000e-003	3.0000e-005		5.9000e-004	5.9000e-004		5.4000e-004	5.4000e-004	0.0000	2.2179	2.2179	7.2000e-004	0.0000	2.2359

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3.20 Demobilization - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	5.4000e-004	9.0000e-005	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2879	0.2879	1.0000e-005	0.0000	0.2882
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0100e-003	1.3000e-003	0.0134	4.0000e-005	5.8100e-003	3.0000e-005	5.8400e-003	1.5400e-003	3.0000e-005	1.5700e-003	0.0000	3.9929	3.9929	9.0000e-005	0.0000	3.9951
Total	2.0200e-003	1.8400e-003	0.0135	4.0000e-005	5.8800e-003	3.0000e-005	5.9100e-003	1.5600e-003	3.0000e-005	1.5900e-003	0.0000	4.2808	4.2808	1.0000e-004	0.0000	4.2833

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.2000e-004	0.0120	0.0134	3.0000e-005		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004	0.0000	2.2179	2.2179	7.2000e-004	0.0000	2.2359
Total	6.2000e-004	0.0120	0.0134	3.0000e-005		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004	0.0000	2.2179	2.2179	7.2000e-004	0.0000	2.2359

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3.20 Demobilization - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	5.4000e-004	9.0000e-005	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2879	0.2879	1.0000e-005	0.0000	0.2882
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0100e-003	1.3000e-003	0.0134	4.0000e-005	5.8100e-003	3.0000e-005	5.8400e-003	1.5400e-003	3.0000e-005	1.5700e-003	0.0000	3.9929	3.9929	9.0000e-005	0.0000	3.9951
Total	2.0200e-003	1.8400e-003	0.0135	4.0000e-005	5.8800e-003	3.0000e-005	5.9100e-003	1.5600e-003	3.0000e-005	1.5900e-003	0.0000	4.2808	4.2808	1.0000e-004	0.0000	4.2833

3.21 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7064					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0175	0.1176	0.1857	3.1000e-004		5.2900e-003	5.2900e-003		5.2900e-003	5.2900e-003	0.0000	26.2134	26.2134	1.4300e-003	0.0000	26.2492
Total	0.7239	0.1176	0.1857	3.1000e-004		5.2900e-003	5.2900e-003		5.2900e-003	5.2900e-003	0.0000	26.2134	26.2134	1.4300e-003	0.0000	26.2492

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3.21 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-003	1.1600e-003	0.0120	4.0000e-005	5.1900e-003	3.0000e-005	5.2200e-003	1.3800e-003	3.0000e-005	1.4100e-003	0.0000	3.5714	3.5714	8.0000e-005	0.0000	3.5734
Total	1.8000e-003	1.1600e-003	0.0120	4.0000e-005	5.1900e-003	3.0000e-005	5.2200e-003	1.3800e-003	3.0000e-005	1.4100e-003	0.0000	3.5714	3.5714	8.0000e-005	0.0000	3.5734

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7064					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0175	0.1176	0.1857	3.1000e-004		5.2900e-003	5.2900e-003		5.2900e-003	5.2900e-003	0.0000	26.2134	26.2134	1.4300e-003	0.0000	26.2491
Total	0.7239	0.1176	0.1857	3.1000e-004		5.2900e-003	5.2900e-003		5.2900e-003	5.2900e-003	0.0000	26.2134	26.2134	1.4300e-003	0.0000	26.2491

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3.21 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-003	1.1600e-003	0.0120	4.0000e-005	5.1900e-003	3.0000e-005	5.2200e-003	1.3800e-003	3.0000e-005	1.4100e-003	0.0000	3.5714	3.5714	8.0000e-005	0.0000	3.5734
Total	1.8000e-003	1.1600e-003	0.0120	4.0000e-005	5.1900e-003	3.0000e-005	5.2200e-003	1.3800e-003	3.0000e-005	1.4100e-003	0.0000	3.5714	3.5714	8.0000e-005	0.0000	3.5734

3.22 Phase 2 Building - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3957	3.7604	4.0827	7.7800e-003		0.1588	0.1588		0.1480	0.1480	0.0000	674.4702	674.4702	0.1815	0.0000	679.0080
Total	0.3957	3.7604	4.0827	7.7800e-003		0.1588	0.1588		0.1480	0.1480	0.0000	674.4702	674.4702	0.1815	0.0000	679.0080

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3.22 Phase 2 Building - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.7700e-003	0.1354	0.0235	7.7000e-004	0.0231	2.2000e-004	0.0233	6.1900e-003	2.1000e-004	6.4100e-003	0.0000	73.3189	73.3189	3.2400e-003	0.0000	73.3998
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0816	0.0511	0.5342	1.8300e-003	0.2495	1.3400e-003	0.2508	0.0663	1.2300e-003	0.0675	0.0000	165.8628	165.8628	3.4400e-003	0.0000	165.9489
Total	0.0854	0.1866	0.5577	2.6000e-003	0.2726	1.5600e-003	0.2742	0.0725	1.4400e-003	0.0739	0.0000	239.1817	239.1817	6.6800e-003	0.0000	239.3487

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1862	2.8257	4.9651	7.7800e-003		0.1366	0.1366		0.1366	0.1366	0.0000	674.4694	674.4694	0.1815	0.0000	679.0072
Total	0.1862	2.8257	4.9651	7.7800e-003		0.1366	0.1366		0.1366	0.1366	0.0000	674.4694	674.4694	0.1815	0.0000	679.0072

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3.22 Phase 2 Building - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.7700e-003	0.1354	0.0235	7.7000e-004	0.0231	2.2000e-004	0.0233	6.1900e-003	2.1000e-004	6.4100e-003	0.0000	73.3189	73.3189	3.2400e-003	0.0000	73.3998
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0816	0.0511	0.5342	1.8300e-003	0.2495	1.3400e-003	0.2508	0.0663	1.2300e-003	0.0675	0.0000	165.8628	165.8628	3.4400e-003	0.0000	165.9489
Total	0.0854	0.1866	0.5577	2.6000e-003	0.2726	1.5600e-003	0.2742	0.0725	1.4400e-003	0.0739	0.0000	239.1817	239.1817	6.6800e-003	0.0000	239.3487

3.22 Phase 2 Building - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1629	1.5476	1.6802	3.2000e-003		0.0653	0.0653		0.0609	0.0609	0.0000	277.5704	277.5704	0.0747	0.0000	279.4379
Total	0.1629	1.5476	1.6802	3.2000e-003		0.0653	0.0653		0.0609	0.0609	0.0000	277.5704	277.5704	0.0747	0.0000	279.4379

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3.22 Phase 2 Building - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.5400e-003	0.0552	9.6500e-003	3.2000e-004	0.0205	9.0000e-005	0.0206	5.2500e-003	9.0000e-005	5.3400e-003	0.0000	30.0596	30.0596	1.3000e-003	0.0000	30.0922
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0316	0.0193	0.2053	7.3000e-004	0.1027	5.1000e-004	0.1032	0.0273	4.7000e-004	0.0277	0.0000	66.1882	66.1882	1.2900e-003	0.0000	66.2205
Total	0.0331	0.0745	0.2149	1.0500e-003	0.1232	6.0000e-004	0.1238	0.0325	5.6000e-004	0.0331	0.0000	96.2478	96.2478	2.5900e-003	0.0000	96.3127

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0766	1.1629	2.0433	3.2000e-003		0.0562	0.0562		0.0562	0.0562	0.0000	277.5701	277.5701	0.0747	0.0000	279.4376
Total	0.0766	1.1629	2.0433	3.2000e-003		0.0562	0.0562		0.0562	0.0562	0.0000	277.5701	277.5701	0.0747	0.0000	279.4376

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3.22 Phase 2 Building - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.5400e-003	0.0552	9.6500e-003	3.2000e-004	0.0205	9.0000e-005	0.0206	5.2500e-003	9.0000e-005	5.3400e-003	0.0000	30.0596	30.0596	1.3000e-003	0.0000	30.0922
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0316	0.0193	0.2053	7.3000e-004	0.1027	5.1000e-004	0.1032	0.0273	4.7000e-004	0.0277	0.0000	66.1882	66.1882	1.2900e-003	0.0000	66.2205
Total	0.0331	0.0745	0.2149	1.0500e-003	0.1232	6.0000e-004	0.1238	0.0325	5.6000e-004	0.0331	0.0000	96.2478	96.2478	2.5900e-003	0.0000	96.3127

3.23 Phase 2 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7064					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0163	0.1092	0.1725	2.8000e-004		4.9100e-003	4.9100e-003		4.9100e-003	4.9100e-003	0.0000	24.3410	24.3410	1.3300e-003	0.0000	24.3742
Total	0.7226	0.1092	0.1725	2.8000e-004		4.9100e-003	4.9100e-003		4.9100e-003	4.9100e-003	0.0000	24.3410	24.3410	1.3300e-003	0.0000	24.3742

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3.23 Phase 2 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4800e-003	9.1000e-004	9.6400e-003	3.0000e-005	4.8200e-003	2.0000e-005	4.8500e-003	1.2800e-003	2.0000e-005	1.3000e-003	0.0000	3.1085	3.1085	6.0000e-005	0.0000	3.1100
Total	1.4800e-003	9.1000e-004	9.6400e-003	3.0000e-005	4.8200e-003	2.0000e-005	4.8500e-003	1.2800e-003	2.0000e-005	1.3000e-003	0.0000	3.1085	3.1085	6.0000e-005	0.0000	3.1100

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7064					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0163	0.1092	0.1725	2.8000e-004		4.9100e-003	4.9100e-003		4.9100e-003	4.9100e-003	0.0000	24.3410	24.3410	1.3300e-003	0.0000	24.3742
Total	0.7226	0.1092	0.1725	2.8000e-004		4.9100e-003	4.9100e-003		4.9100e-003	4.9100e-003	0.0000	24.3410	24.3410	1.3300e-003	0.0000	24.3742

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3.23 Phase 2 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4800e-003	9.1000e-004	9.6400e-003	3.0000e-005	4.8200e-003	2.0000e-005	4.8500e-003	1.2800e-003	2.0000e-005	1.3000e-003	0.0000	3.1085	3.1085	6.0000e-005	0.0000	3.1100
Total	1.4800e-003	9.1000e-004	9.6400e-003	3.0000e-005	4.8200e-003	2.0000e-005	4.8500e-003	1.2800e-003	2.0000e-005	1.3000e-003	0.0000	3.1085	3.1085	6.0000e-005	0.0000	3.1100

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0304	7.1262	18.1531	0.0982	8.6026	0.0567	8.6593	2.3058	0.0530	2.3588	0.0000	9,098.470 3	9,098.470 3	0.2986	0.0000	9,105.935 3
Unmitigated	1.0304	7.1262	18.1531	0.0982	8.6026	0.0567	8.6593	2.3058	0.0530	2.3588	0.0000	9,098.470 3	9,098.470 3	0.2986	0.0000	9,105.935 3

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government Office Building	0.00	0.00	0.00		
Hospital	1,209.60	1,602.72	1602.72	22,499,684	22,499,684
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	1,209.60	1,602.72	1,602.72	22,499,684	22,499,684

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
Government Office Building	59.00	59.00	59.00	33.00	62.00	5.00	50	34	16
Hospital	59.00	59.00	59.00	64.90	16.10	19.00	73	25	2
Parking Lot	59.00	59.00	59.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	59.00	59.00	59.00	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government Office Building	0.554912	0.033145	0.172938	0.097405	0.013532	0.004629	0.010506	0.100129	0.001620	0.001831	0.007688	0.000854	0.000811
Hospital	0.554912	0.033145	0.172938	0.097405	0.013532	0.004629	0.010506	0.100129	0.001620	0.001831	0.007688	0.000854	0.000811
Parking Lot	0.554912	0.033145	0.172938	0.097405	0.013532	0.004629	0.010506	0.100129	0.001620	0.001831	0.007688	0.000854	0.000811
Refrigerated Warehouse-No Rail	0.554912	0.033145	0.172938	0.097405	0.013532	0.004629	0.010506	0.100129	0.001620	0.001831	0.007688	0.000854	0.000811

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,588.5974	4,588.5974	0.1894	0.0392	4,605.0133
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,588.5974	4,588.5974	0.1894	0.0392	4,605.0133
NaturalGas Mitigated	0.2591	2.3551	1.9783	0.0141		0.1790	0.1790		0.1790	0.1790	0.0000	2,563.8081	2,563.8081	0.0491	0.0470	2,579.0436
NaturalGas Unmitigated	0.2591	2.3551	1.9783	0.0141		0.1790	0.1790		0.1790	0.1790	0.0000	2,563.8081	2,563.8081	0.0491	0.0470	2,579.0436

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Government Office Building	735628	3.9700e-003	0.0361	0.0303	2.2000e-004		2.7400e-003	2.7400e-003		2.7400e-003	2.7400e-003	0.0000	39.2559	39.2559	7.5000e-004	7.2000e-004	39.4892
Hospital	4.62837e+007	0.2496	2.2688	1.9058	0.0136		0.1724	0.1724		0.1724	0.1724	0.0000	2,469.8751	2,469.8751	0.0473	0.0453	2,484.5524
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	1.02461e+006	5.5200e-003	0.0502	0.0422	3.0000e-004		3.8200e-003	3.8200e-003		3.8200e-003	3.8200e-003	0.0000	54.6771	54.6771	1.0500e-003	1.0000e-003	55.0020
Total		0.2591	2.3551	1.9783	0.0141		0.1790	0.1790		0.1790	0.1790	0.0000	2,563.8081	2,563.8081	0.0491	0.0470	2,579.0436

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Government Office Building	735628	3.9700e-003	0.0361	0.0303	2.2000e-004		2.7400e-003	2.7400e-003		2.7400e-003	2.7400e-003	0.0000	39.2559	39.2559	7.5000e-004	7.2000e-004	39.4892
Hospital	4.62837e+007	0.2496	2.2688	1.9058	0.0136		0.1724	0.1724		0.1724	0.1724	0.0000	2,469.8751	2,469.8751	0.0473	0.0453	2,484.5524
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	1.02461e+006	5.5200e-003	0.0502	0.0422	3.0000e-004		3.8200e-003	3.8200e-003		3.8200e-003	3.8200e-003	0.0000	54.6771	54.6771	1.0500e-003	1.0000e-003	55.0020
Total		0.2591	2.3551	1.9783	0.0141		0.1790	0.1790		0.1790	0.1790	0.0000	2,563.8081	2,563.8081	0.0491	0.0470	2,579.0436

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Government Office Building	225937	71.9882	2.9700e-003	6.1000e-004	72.2458
Hospital	1.21115e+007	3,858.9881	0.1593	0.0330	3,872.7938
Parking Lot	190811	60.7965	2.5100e-003	5.2000e-004	61.0140
Refrigerated Warehouse-No Rail	1.87315e+006	596.8246	0.0246	5.1000e-003	598.9597
Total		4,588.5974	0.1894	0.0392	4,605.0133

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Government Office Building	225937	71.9882	2.9700e-003	6.1000e-004	72.2458
Hospital	1.21115e+007	3,858.9881	0.1593	0.0330	3,872.7938
Parking Lot	190811	60.7965	2.5100e-003	5.2000e-004	61.0140
Refrigerated Warehouse-No Rail	1.87315e+006	596.8246	0.0246	5.1000e-003	598.9597
Total		4,588.5974	0.1894	0.0392	4,605.0133

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	6.2887	4.4000e-004	0.0482	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0939	0.0939	2.4000e-004	0.0000	0.1000
Unmitigated	8.6068	4.4000e-004	0.0482	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0939	0.0939	2.4000e-004	0.0000	0.1000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.4440					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.1584					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.4300e-003	4.4000e-004	0.0482	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0939	0.0939	2.4000e-004	0.0000	0.1000
Total	8.6068	4.4000e-004	0.0482	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0939	0.0939	2.4000e-004	0.0000	0.1000

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1259					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.1584					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.4300e-003	4.4000e-004	0.0482	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0939	0.0939	2.4000e-004	0.0000	0.1000
Total	6.2887	4.4000e-004	0.0482	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.0939	0.0939	2.4000e-004	0.0000	0.1000

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1,532.316 4	9.8247	0.2429	1,850.304 6
Unmitigated	1,532.316 4	9.8247	0.2429	1,850.304 6

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Government Office Building	4.96649 / 3.04398	32.9558	0.1631	4.0900e-003	38.2526
Hospital	271.596 / 51.7327	1,396.083 8	8.9041	0.2202	1,684.291 6
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	23.125 / 0	103.2768	0.7575	0.0186	127.7604
Total		1,532.316 4	9.8247	0.2429	1,850.304 6

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Government Office Building	4.96649 / 3.04398	32.9558	0.1631	4.0900e-003	38.2526
Hospital	271.596 / 51.7327	1,396.0838	8.9041	0.2202	1,684.2916
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	23.125 / 0	103.2768	0.7575	0.0186	127.7604
Total		1,532.3164	9.8247	0.2429	1,850.3046

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,816.227 1	107.3360	0.0000	4,499.625 8
Unmitigated	1,816.227 1	107.3360	0.0000	4,499.625 8

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Government Office Building	23.25	4.7195	0.2789	0.0000	11.6925
Hospital	8830.08	1,792.426 4	105.9294	0.0000	4,440.660 6
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	94	19.0812	1.1277	0.0000	47.2727
Total		1,816.227 1	107.3360	0.0000	4,499.625 8

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Government Office Building	23.25	4.7195	0.2789	0.0000	11.6925
Hospital	8830.08	1,792.4264	105.9294	0.0000	4,440.6606
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	94	19.0812	1.1277	0.0000	47.2727
Total		1,816.2271	107.3360	0.0000	4,499.6258

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	1	12	50	0.73	Diesel

Boilers

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

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (50 - 75 HP)	4.9000e-004	1.6100e-003	1.7900e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2285	0.2285	3.0000e-005	0.0000	0.2293
Total	4.9000e-004	1.6100e-003	1.7900e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2285	0.2285	3.0000e-005	0.0000	0.2293

11.0 Vegetation

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

California City Correctional Facility, WWTP, Utilities
Mojave Desert Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	25.00	1000sqft	2.00	35,000.00	0
Hospital	3,024.00	Bed	150.00	1,427,920.00	3024
Refrigerated Warehouse-No Rail	100.00	1000sqft	7.00	100,000.00	0
Parking Lot	2,105.00	Space	18.95	842,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	31
Climate Zone	7			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - acreage revised to match the building pad of 159 acres
- Construction Phase - Project schedule provided by developer
- Off-road Equipment - Developer's data
- Off-road Equipment - Developer's data
- Off-road Equipment - Developer's data
- Off-road Equipment - project data

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Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Based on developer data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment -

Off-road Equipment - Project data

Off-road Equipment - Project data

Off-road Equipment - Developer's data

Off-road Equipment - developer provided information

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment -

Off-road Equipment - Developer's data

Trips and VMT - Building construction for correctional facility based on max estimates from traffic study. Utility worker trips based on the RCEM. WWTP trips based on Hazen estimates.

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - From traffic study

Area Coating - Rule 1113 limits

Construction Off-road Equipment Mitigation - Mitigation

Area Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	781,460.00	356,980.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	781,460.00	356,980.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,344,380.00	1,427,920.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,344,380.00	1,427,920.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	10.00
tblAreaCoating	Area_Nonresidential_Exterior	781460	1041947
tblAreaCoating	Area_Nonresidential_Interior	2344380	3125840
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	10
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00

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tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	220.00	28.00
tblConstructionPhase	NumDays	220.00	26.00
tblConstructionPhase	NumDays	3,100.00	125.00
tblConstructionPhase	NumDays	3,100.00	189.00
tblConstructionPhase	NumDays	3,100.00	115.00
tblConstructionPhase	NumDays	3,100.00	135.00
tblConstructionPhase	NumDays	3,100.00	80.00
tblConstructionPhase	NumDays	3,100.00	210.00
tblConstructionPhase	NumDays	3,100.00	70.00
tblConstructionPhase	NumDays	3,100.00	10.00
tblConstructionPhase	NumDays	3,100.00	367.00
tblConstructionPhase	NumDays	3,100.00	389.00
tblConstructionPhase	NumDays	3,100.00	91.00

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tblConstructionPhase	NumDays	3,100.00	135.00
tblConstructionPhase	NumDays	310.00	40.00
tblConstructionPhase	NumDays	310.00	103.00
tblConstructionPhase	NumDays	220.00	40.00
tblConstructionPhase	NumDays	220.00	29.00
tblConstructionPhase	NumDays	120.00	16.00
tblConstructionPhase	NumDays	120.00	27.00
tblConstructionPhase	NumDays	120.00	10.00
tblConstructionPhase	NumDays	120.00	150.00
tblEnergyUse	LightingElect	3.77	2.44
tblEnergyUse	LightingElect	3.98	2.58
tblEnergyUse	LightingElect	0.35	0.23
tblEnergyUse	LightingElect	2.12	1.37
tblEnergyUse	NT24E	3.31	2.14
tblEnergyUse	NT24E	4.96	3.21
tblEnergyUse	NT24E	26.24	16.99
tblEnergyUse	NT24NG	1.08	1.32
tblEnergyUse	NT24NG	1.90	2.32
tblEnergyUse	NT24NG	3.10	3.79
tblEnergyUse	T24E	2.89	1.87
tblEnergyUse	T24E	4.16	2.69
tblEnergyUse	T24E	0.57	0.37
tblEnergyUse	T24NG	16.11	19.70
tblEnergyUse	T24NG	24.61	30.09
tblEnergyUse	T24NG	5.28	6.46
tblGrading	AcresOfGrading	467.50	100.00
tblGrading	AcresOfGrading	18.56	0.00

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tblGrading	AcresOfGrading	495.69	257.50
tblLandUse	LandUseSquareFeet	25,000.00	35,000.00
tblLandUse	LandUseSquareFeet	2,164,450.91	1,427,920.00
tblLandUse	LotAcreage	0.57	2.00
tblLandUse	LotAcreage	49.69	150.00
tblLandUse	LotAcreage	2.30	7.00
tblLandUse	Population	0.00	3,024.00
tblOffRoadEquipment	HorsePower	158.00	85.00
tblOffRoadEquipment	LoadFactor	0.38	0.78
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
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tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
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tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	50.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	12.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripNumber	0.00	38.00
tblTripsAndVMT	HaulingTripNumber	0.00	26.00
tblTripsAndVMT	HaulingTripNumber	0.00	40.00
tblTripsAndVMT	HaulingTripNumber	0.00	8.00
tblTripsAndVMT	HaulingTripNumber	0.00	44.00
tblTripsAndVMT	HaulingTripNumber	0.00	4,241.00
tblTripsAndVMT	HaulingTripNumber	0.00	8.00
tblTripsAndVMT	HaulingTripNumber	0.00	2,890.00

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

tblTripsAndVMT	HaulingTripNumber	0.00	2,890.00
tblTripsAndVMT	HaulingTripNumber	0.00	200.00
tblTripsAndVMT	HaulingTripNumber	0.00	5.00
tblTripsAndVMT	HaulingTripNumber	0.00	72.00
tblTripsAndVMT	HaulingTripNumber	0.00	68.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	8.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	WorkerTripNumber	864.00	4.00
tblTripsAndVMT	WorkerTripNumber	864.00	12.00
tblTripsAndVMT	WorkerTripNumber	864.00	4.00
tblTripsAndVMT	WorkerTripNumber	864.00	12.00
tblTripsAndVMT	WorkerTripNumber	864.00	4.00
tblTripsAndVMT	WorkerTripNumber	864.00	4.00
tblTripsAndVMT	WorkerTripNumber	864.00	4.00
tblTripsAndVMT	WorkerTripNumber	25.00	44.00
tblTripsAndVMT	WorkerTripNumber	864.00	144.00
tblTripsAndVMT	WorkerTripNumber	173.00	46.00

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tblTripsAndVMT	WorkerTripNumber	864.00	238.00
tblTripsAndVMT	WorkerTripNumber	173.00	46.00
tblTripsAndVMT	WorkerTripNumber	864.00	238.00
tblTripsAndVMT	WorkerTripNumber	20.00	34.00
tblTripsAndVMT	WorkerTripNumber	50.00	64.00
tblTripsAndVMT	WorkerTripNumber	864.00	50.00
tblTripsAndVMT	WorkerTripNumber	3.00	8.00
tblTripsAndVMT	WorkerTripNumber	8.00	6.00
tblTripsAndVMT	WorkerTripNumber	864.00	8.00
tblVehicleTrips	CC_TL	7.30	59.00
tblVehicleTrips	CC_TL	7.30	59.00
tblVehicleTrips	CC_TL	7.30	59.00
tblVehicleTrips	CC_TL	7.30	59.00
tblVehicleTrips	CNW_TL	7.30	59.00
tblVehicleTrips	CNW_TL	7.30	59.00
tblVehicleTrips	CNW_TL	7.30	59.00
tblVehicleTrips	CNW_TL	7.30	59.00
tblVehicleTrips	CW_TL	9.50	59.00
tblVehicleTrips	CW_TL	9.50	59.00
tblVehicleTrips	CW_TL	9.50	59.00
tblVehicleTrips	CW_TL	9.50	59.00
tblVehicleTrips	ST_TR	8.14	0.53
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	7.19	0.53
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	68.93	0.00
tblVehicleTrips	WD_TR	12.94	0.40

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

tblVehicleTrips	WD_TR	1.68	0.00
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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	21.2916	213.2289	154.0605	0.3838	47.9671	5.9790	56.5988	23.6585	5.5007	31.6164	0.0000	36,912.55 97	36,912.55 97	11.5327	0.0000	37,200.87 71
2025	17.4149	153.5164	161.8236	0.3857	5.3106	5.8992	10.1119	1.1292	5.5446	6.6738	0.0000	37,065.57 71	37,065.57 71	7.5092	0.0000	37,253.30 78
2026	51.8560	47.1367	53.6828	0.1164	2.9284	1.9503	4.8786	0.7641	1.8214	2.5854	0.0000	11,223.156 3	11,223.156 3	2.4222	0.0000	11,283.710 2
2027	3.8008	30.3232	36.4207	0.0814	2.1361	1.2331	3.3692	0.5670	1.1495	1.7165	0.0000	7,901.045 8	7,901.045 8	1.5977	0.0000	7,940.988 0
2028	59.4771	38.7473	50.2496	0.1056	2.7241	1.6119	4.3360	0.7188	1.5282	2.2470	0.0000	10,206.35 44	10,206.35 44	1.7127	0.0000	10,249.17 07
Maximum	59.4771	213.2289	161.8236	0.3857	47.9671	5.9790	56.5988	23.6585	5.5446	31.6164	0.0000	37,065.57 71	37,065.57 71	11.5327	0.0000	37,253.30 78

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	47.1857	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246
Energy	1.4195	12.9046	10.8399	0.0774		0.9808	0.9808		0.9808	0.9808		15,485.5601	15,485.5601	0.2968	0.2839	15,577.5830
Mobile	7.5328	45.4757	141.0605	0.6948	58.3590	0.3781	58.7370	15.6186	0.3534	15.9720		70,893.3047	70,893.3047	2.2468		70,949.4745
Stationary	0.0821	0.2676	0.2977	3.9000e-004		0.0121	0.0121		0.0121	0.0121		41.9757	41.9757	5.8800e-003		42.1228
Total	56.2200	58.6527	152.7332	0.7726	58.3590	1.3728	59.7317	15.6186	1.3481	16.9667		86,421.9903	86,421.9903	2.5525	0.2839	86,570.4050

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	34.4836	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246
Energy	1.4195	12.9046	10.8399	0.0774		0.9808	0.9808		0.9808	0.9808		15,485.5601	15,485.5601	0.2968	0.2839	15,577.5830
Mobile	7.5328	45.4757	141.0605	0.6948	58.3590	0.3781	58.7370	15.6186	0.3534	15.9720		70,893.3047	70,893.3047	2.2468		70,949.4745
Stationary	0.0821	0.2676	0.2977	3.9000e-004		0.0121	0.0121		0.0121	0.0121		41.9757	41.9757	5.8800e-003		42.1228
Total	43.5179	58.6527	152.7332	0.7726	58.3590	1.3728	59.7317	15.6186	1.3481	16.9667		86,421.9903	86,421.9903	2.5525	0.2839	86,570.4050

	ROG	NOx	CO	SO2	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	22.59	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

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/27/2024	7/18/2024	5	16	
2	Grading	Grading	7/19/2024	9/12/2024	5	40	
3	Building Construction	Building Construction	9/13/2024	3/11/2026	5	389	
4	Util Site Preparation	Site Preparation	10/1/2024	11/6/2024	5	27	
5	Util Grading	Grading	11/7/2024	3/31/2025	5	103	
6	Util Construction	Building Construction	4/1/2025	8/5/2025	5	91	
7	Mobilization	Site Preparation	4/7/2025	4/18/2025	5	10	
8	General Site	Site Preparation	5/5/2025	11/28/2025	5	150	
9	Headworks	Building Construction	5/5/2025	11/7/2025	5	135	
10	Secondary	Building Construction	5/5/2025	10/24/2025	5	125	
11	Tertiary	Building Construction	5/5/2025	1/22/2026	5	189	
12	Disinfection	Building Construction	5/5/2025	10/10/2025	5	115	
13	Solids Handling	Building Construction	5/5/2025	11/7/2025	5	135	
14	Aeration	Building Construction	5/19/2025	9/5/2025	5	80	
15	EI&C	Building Construction	5/19/2025	3/6/2026	5	210	
16	Percolation ponds	Building Construction	5/19/2025	8/22/2025	5	70	
17	Util Paving	Paving	8/6/2025	9/30/2025	5	40	
18	Paving	Paving	3/12/2026	4/21/2026	5	29	
19	Demobilization	Building Construction	4/6/2026	4/17/2026	5	10	
20	Architectural Coating	Architectural Coating	4/22/2026	5/29/2026	5	28	
21	Phase 2 Building	Building Construction	1/2/2027	5/30/2028	5	367	
22	Phase 2 Architectural Coating	Architectural Coating	4/22/2028	5/29/2028	5	26	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 100

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

Acres of Paving: 18.95

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,427,920; Non-Residential Outdoor: 356,980; Striped Parking Area: 50,520 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	11.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	3	11.00	97	0.37
Grading	Excavators	0	11.00	158	0.38
Grading	Graders	5	11.00	187	0.41
Grading	Rollers	3	11.00	80	0.38
Grading	Rubber Tired Dozers	5	11.00	247	0.40
Grading	Scrapers	6	11.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Building Construction	Cranes	3	11.00	231	0.29
Building Construction	Forklifts	3	11.00	89	0.20
Building Construction	Generator Sets	1	11.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	4	11.00	97	0.37
Building Construction	Welders	1	11.00	46	0.45
Util Site Preparation	Crawler Tractors	1	11.00	212	0.43
Util Site Preparation	Excavators	2	11.00	85	0.78
Util Site Preparation	Rubber Tired Dozers	0	11.00	247	0.40
Util Site Preparation	Signal Boards	5	24.00	6	0.82
Util Site Preparation	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Util Grading	Crawler Tractors	1	11.00	212	0.43
Util Grading	Excavators	3	11.00	158	0.38
Util Grading	Graders	2	11.00	187	0.41

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

Util Grading	Rollers	2	11.00	80	0.38
Util Grading	Rubber Tired Dozers	0	11.00	247	0.40
Util Grading	Rubber Tired Loaders	1	11.00	203	0.36
Util Grading	Scrapers	2	11.00	367	0.48
Util Grading	Signal Boards	5	24.00	6	0.82
Util Grading	Tractors/Loaders/Backhoes	4	11.00	97	0.37
Util Construction	Air Compressors	1	11.00	78	0.48
Util Construction	Cranes	1	11.00	231	0.29
Util Construction	Forklifts	1	11.00	89	0.20
Util Construction	Generator Sets	1	11.00	84	0.74
Util Construction	Graders	1	11.00	187	0.41
Util Construction	Plate Compactors	1	11.00	8	0.43
Util Construction	Pumps	1	11.00	84	0.74
Util Construction	Scrapers	1	11.00	367	0.48
Util Construction	Signal Boards	5	24.00	6	0.82
Util Construction	Tractors/Loaders/Backhoes	3	11.00	97	0.37
Util Construction	Welders	0	11.00	46	0.45
Mobilization	Cranes	1	11.00	231	0.29
Mobilization	Rubber Tired Dozers	0	11.00	247	0.40
Mobilization	Tractors/Loaders/Backhoes	0	11.00	97	0.37
General Site	Pavers	1	11.00	130	0.42
General Site	Plate Compactors	1	11.00	8	0.43
General Site	Rubber Tired Dozers	0	11.00	247	0.40
General Site	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Headworks	Air Compressors	1	11.00	78	0.48
Headworks	Cranes	1	11.00	231	0.29
Headworks	Forklifts	2	11.00	89	0.20

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

Headworks	Generator Sets	1	11.00	84	0.74
Headworks	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Headworks	Welders	1	11.00	46	0.45
Secondary	Aerial Lifts	3	11.00	63	0.31
Secondary	Cranes	3	11.00	231	0.29
Secondary	Forklifts	0	11.00	89	0.20
Secondary	Generator Sets	0	11.00	84	0.74
Secondary	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Secondary	Welders	1	11.00	46	0.45
Tertiary	Air Compressors	1	11.00	78	0.48
Tertiary	Cranes	2	11.00	231	0.29
Tertiary	Forklifts	1	11.00	89	0.20
Tertiary	Generator Sets	0	11.00	84	0.74
Tertiary	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Tertiary	Welders	1	11.00	46	0.45
Disinfection	Cranes	1	11.00	231	0.29
Disinfection	Forklifts	1	11.00	89	0.20
Disinfection	Generator Sets	0	11.00	84	0.74
Disinfection	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Disinfection	Welders	1	11.00	46	0.45
Solids Handling	Cranes	1	11.00	231	0.29
Solids Handling	Forklifts	2	11.00	89	0.20
Solids Handling	Generator Sets	0	11.00	84	0.74
Solids Handling	Plate Compactors	1	11.00	8	0.43
Solids Handling	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Solids Handling	Welders	1	11.00	46	0.45
Aeration	Cranes	0	11.00	231	0.29

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

Aeration	Forklifts	1	11.00	89	0.20
Aeration	Generator Sets	0	11.00	84	0.74
Aeration	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Aeration	Welders	1	11.00	46	0.45
El&C	Cranes	0	11.00	231	0.29
El&C	Forklifts	1	11.00	89	0.20
El&C	Generator Sets	0	11.00	84	0.74
El&C	Tractors/Loaders/Backhoes	1	11.00	97	0.37
El&C	Welders	0	11.00	46	0.45
Percolation ponds	Cranes	0	11.00	231	0.29
Percolation ponds	Excavators	1	11.00	158	0.38
Percolation ponds	Forklifts	0	11.00	89	0.20
Percolation ponds	Generator Sets	0	11.00	84	0.74
Percolation ponds	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Percolation ponds	Welders	0	11.00	46	0.45
Util Paving	Pavers	1	11.00	130	0.42
Util Paving	Paving Equipment	1	11.00	132	0.36
Util Paving	Rollers	2	11.00	80	0.38
Util Paving	Signal Boards	5	24.00	6	0.82
Util Paving	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Paving	Pavers	2	11.00	130	0.42
Paving	Paving Equipment	2	11.00	132	0.36
Paving	Rollers	2	11.00	80	0.38
Demobilization	Cranes	1	7.00	231	0.29
Demobilization	Forklifts	0	8.00	89	0.20
Demobilization	Generator Sets	0	8.00	84	0.74
Demobilization	Tractors/Loaders/Backhoes	0	7.00	97	0.37

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Demobilization	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	4	11.00	78	0.48
Phase 2 Building	Cranes	3	11.00	231	0.29
Phase 2 Building	Forklifts	3	11.00	89	0.20
Phase 2 Building	Generator Sets	1	11.00	84	0.74
Phase 2 Building	Tractors/Loaders/Backhoes	4	11.00	97	0.37
Phase 2 Building	Welders	1	11.00	46	0.45
Phase 2 Architectural Coating	Air Compressors	4	11.00	78	0.48

Trips and VMT

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	19	48.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	238.00	0.00	2,890.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Site Preparation	8	34.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Grading	20	64.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Construction	16	50.00	0.00	200.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Mobilization	1	8.00	0.00	5.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
General Site	3	6.00	0.00	72.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Headworks	6	8.00	0.00	68.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Secondary	7	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Tertiary	5	12.00	0.00	38.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Disinfection	3	4.00	0.00	26.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Solids Handling	6	12.00	0.00	40.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Aeration	2	4.00	0.00	8.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
EI&C	2	4.00	0.00	44.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Percolation ponds	1	4.00	8.00	4,241.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Paving	10	44.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Demobilization	1	144.00	0.00	8.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	46.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Building	12	238.00	0.00	2,890.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Architectural Coating	4	46.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					24.8411	0.0000	24.8411	13.6547	0.0000	13.6547			0.0000			0.0000
Off-Road	3.4608	35.3757	22.1375	0.0481		1.5990	1.5990		1.4711	1.4711		4,656.084 4	4,656.084 4	1.5059		4,693.731 2
Total	3.4608	35.3757	22.1375	0.0481	24.8411	1.5990	26.4401	13.6547	1.4711	15.1257		4,656.084 4	4,656.084 4	1.5059		4,693.731 2

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0549	0.0298	0.3844	1.1000e-003	0.1232	7.2000e-004	0.1239	0.0327	6.7000e-004	0.0334		109.3004	109.3004	2.7900e-003		109.3700
Total	0.0549	0.0298	0.3844	1.1000e-003	0.1232	7.2000e-004	0.1239	0.0327	6.7000e-004	0.0334		109.3004	109.3004	2.7900e-003		109.3700

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.6880	0.0000	9.6880	5.3253	0.0000	5.3253			0.0000			0.0000
Off-Road	0.5879	2.5478	25.4745	0.0481		0.0784	0.0784		0.0784	0.0784	0.0000	4,656.0844	4,656.0844	1.5059		4,693.7312
Total	0.5879	2.5478	25.4745	0.0481	9.6880	0.0784	9.7664	5.3253	0.0784	5.4037	0.0000	4,656.0844	4,656.0844	1.5059		4,693.7312

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0549	0.0298	0.3844	1.1000e-003	0.1232	7.2000e-004	0.1239	0.0327	6.7000e-004	0.0334		109.3004	109.3004	2.7900e-003		109.3700
Total	0.0549	0.0298	0.3844	1.1000e-003	0.1232	7.2000e-004	0.1239	0.0327	6.7000e-004	0.0334		109.3004	109.3004	2.7900e-003		109.3700

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					44.0531	0.0000	44.0531	23.0441	0.0000	23.0441			0.0000			0.0000
Off-Road	14.0880	147.3504	89.7735	0.2402		5.9767	5.9767		5.4986	5.4986		23,257.3928	23,257.3928	7.5219		23,445.4406
Total	14.0880	147.3504	89.7735	0.2402	44.0531	5.9767	50.0298	23.0441	5.4986	28.5427		23,257.3928	23,257.3928	7.5219		23,445.4406

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1756	0.0954	1.2300	3.5100e-003	0.7370	2.3100e-003	0.7393	0.1887	2.1300e-003	0.1908		349.7612	349.7612	8.9200e-003		349.9841
Total	0.1756	0.0954	1.2300	3.5100e-003	0.7370	2.3100e-003	0.7393	0.1887	2.1300e-003	0.1908		349.7612	349.7612	8.9200e-003		349.9841

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					17.1807	0.0000	17.1807	8.9872	0.0000	8.9872			0.0000			0.0000
Off-Road	3.6377	37.4072	115.1009	0.2402		1.5436	1.5436		1.5436	1.5436	0.0000	23,257.3927	23,257.3927	7.5219		23,445.4405
Total	3.6377	37.4072	115.1009	0.2402	17.1807	1.5436	18.7244	8.9872	1.5436	10.5308	0.0000	23,257.3927	23,257.3927	7.5219		23,445.4405

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1756	0.0954	1.2300	3.5100e-003	0.7370	2.3100e-003	0.7393	0.1887	2.1300e-003	0.1908		349.7612	349.7612	8.9200e-003		349.9841
Total	0.1756	0.0954	1.2300	3.5100e-003	0.7370	2.3100e-003	0.7393	0.1887	2.1300e-003	0.1908		349.7612	349.7612	8.9200e-003		349.9841

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2649	31.4624	31.6416	0.0598		1.3950	1.3950		1.3008	1.3008		5,717.3789	5,717.3789	1.5436		5,755.9682
Total	3.2649	31.4624	31.6416	0.0598		1.3950	1.3950		1.3008	1.3008		5,717.3789	5,717.3789	1.5436		5,755.9682

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0273	1.0261	0.1588	5.7700e-003	0.5219	1.6700e-003	0.5236	0.1319	1.6000e-003	0.1335		605.4223	605.4223	0.0258		606.0676
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8708	0.4728	6.0986	0.0174	1.9551	0.0115	1.9666	0.5186	0.0106	0.5291		1,734.2325	1,734.2325	0.0442		1,735.3380
Total	0.8980	1.4989	6.2575	0.0232	2.4771	0.0131	2.4902	0.6505	0.0122	0.6626		2,339.6548	2,339.6548	0.0700		2,341.4056

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4543	21.7893	38.2095	0.0598		1.0601	1.0601		1.0601	1.0601	0.0000	5,717.3789	5,717.3789	1.5436		5,755.9682
Total	1.4543	21.7893	38.2095	0.0598		1.0601	1.0601		1.0601	1.0601	0.0000	5,717.3789	5,717.3789	1.5436		5,755.9682

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0273	1.0261	0.1588	5.7700e-003	0.5219	1.6700e-003	0.5236	0.1319	1.6000e-003	0.1335		605.4223	605.4223	0.0258		606.0676
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8708	0.4728	6.0986	0.0174	1.9551	0.0115	1.9666	0.5186	0.0106	0.5291		1,734.2325	1,734.2325	0.0442		1,735.3380
Total	0.8980	1.4989	6.2575	0.0232	2.4771	0.0131	2.4902	0.6505	0.0122	0.6626		2,339.6548	2,339.6548	0.0700		2,341.4056

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242
Total	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0270	1.0091	0.1578	5.7400e-003	0.1785	1.6500e-003	0.1801	0.0476	1.5800e-003	0.0492		601.5373	601.5373	0.0254		602.1730
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8186	0.4290	5.6221	0.0167	1.9551	0.0112	1.9663	0.5186	0.0103	0.5289		1,665.2050	1,665.2050	0.0398		1,666.2005
Total	0.8457	1.4381	5.7799	0.0225	2.1336	0.0129	2.1465	0.5662	0.0119	0.5781		2,266.7423	2,266.7423	0.0653		2,268.3736

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242
Total	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0270	1.0091	0.1578	5.7400e-003	0.1785	1.6500e-003	0.1801	0.0476	1.5800e-003	0.0492		601.5373	601.5373	0.0254		602.1730
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8186	0.4290	5.6221	0.0167	1.9551	0.0112	1.9663	0.5186	0.0103	0.5289		1,665.2050	1,665.2050	0.0398		1,666.2005
Total	0.8457	1.4381	5.7799	0.0225	2.1336	0.0129	2.1465	0.5662	0.0119	0.5781		2,266.7423	2,266.7423	0.0653		2,268.3736

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242
Total	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0268	0.9934	0.1572	5.7000e-003	0.7963	1.6300e-003	0.7979	0.1992	1.5600e-003	0.2008		598.0239	598.0239	0.0250		598.6476
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7729	0.3918	5.2142	0.0161	1.9551	0.0109	1.9660	0.5186	9.9900e-003	0.5286		1,604.7026	1,604.7026	0.0361		1,605.6040
Total	0.7997	1.3852	5.3714	0.0218	2.7514	0.0125	2.7639	0.7178	0.0116	0.7294		2,202.7265	2,202.7265	0.0610		2,204.2516

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242
Total	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0268	0.9934	0.1572	5.7000e-003	0.7963	1.6300e-003	0.7979	0.1992	1.5600e-003	0.2008		598.0239	598.0239	0.0250		598.6476
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7729	0.3918	5.2142	0.0161	1.9551	0.0109	1.9660	0.5186	9.9900e-003	0.5286		1,604.7026	1,604.7026	0.0361		1,605.6040
Total	0.7997	1.3852	5.3714	0.0218	2.7514	0.0125	2.7639	0.7178	0.0116	0.7294		2,202.7265	2,202.7265	0.0610		2,204.2516

3.5 Util Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.1421	19.1481	18.6482	0.0367		0.7921	0.7921		0.7455	0.7455		3,285.7986	3,285.7986	0.9003		3,308.3049
Total	2.1421	19.1481	18.6482	0.0367	0.0000	0.7921	0.7921	0.0000	0.7455	0.7455		3,285.7986	3,285.7986	0.9003		3,308.3049

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.5 Util Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1244	0.0676	0.8712	2.4900e-003	0.2793	1.6400e-003	0.2809	0.0741	1.5100e-003	0.0756		247.7475	247.7475	6.3200e-003		247.9054
Total	0.1244	0.0676	0.8712	2.4900e-003	0.2793	1.6400e-003	0.2809	0.0741	1.5100e-003	0.0756		247.7475	247.7475	6.3200e-003		247.9054

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.5115	19.3310	22.1611	0.0367		1.0215	1.0215		1.0215	1.0215	0.0000	3,285.7986	3,285.7986	0.9003		3,308.3049
Total	1.5115	19.3310	22.1611	0.0367	0.0000	1.0215	1.0215	0.0000	1.0215	1.0215	0.0000	3,285.7986	3,285.7986	0.9003		3,308.3049

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.5 Util Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1244	0.0676	0.8712	2.4900e-003	0.2793	1.6400e-003	0.2809	0.0741	1.5100e-003	0.0756		247.7475	247.7475	6.3200e-003		247.9054
Total	0.1244	0.0676	0.8712	2.4900e-003	0.2793	1.6400e-003	0.2809	0.0741	1.5100e-003	0.0756		247.7475	247.7475	6.3200e-003		247.9054

3.6 Util Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	6.7938	65.6559	61.4171	0.1354		2.6496	2.6496		2.4544	2.4544		12,839.0576	12,839.0576	3.9900		12,938.8069
Total	6.7938	65.6559	61.4171	0.1354	2.6513	2.6496	5.3008	0.2863	2.4544	2.7407		12,839.0576	12,839.0576	3.9900		12,938.8069

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.6 Util Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2342	0.1272	1.6400	4.6800e-003	0.5257	3.0800e-003	0.5288	0.1395	2.8400e-003	0.1423		466.3482	466.3482	0.0119		466.6455
Total	0.2342	0.1272	1.6400	4.6800e-003	0.5257	3.0800e-003	0.5288	0.1395	2.8400e-003	0.1423		466.3482	466.3482	0.0119		466.6455

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0340	0.0000	1.0340	0.1117	0.0000	0.1117			0.0000			0.0000
Off-Road	3.2072	40.5595	77.8350	0.1354		1.7558	1.7558		1.7558	1.7558	0.0000	12,839.0576	12,839.0576	3.9900		12,938.8068
Total	3.2072	40.5595	77.8350	0.1354	1.0340	1.7558	2.7898	0.1117	1.7558	1.8675	0.0000	12,839.0576	12,839.0576	3.9900		12,938.8068

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.6 Util Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2342	0.1272	1.6400	4.6800e-003	0.5257	3.0800e-003	0.5288	0.1395	2.8400e-003	0.1423		466.3482	466.3482	0.0119		466.6455
Total	0.2342	0.1272	1.6400	4.6800e-003	0.5257	3.0800e-003	0.5288	0.1395	2.8400e-003	0.1423		466.3482	466.3482	0.0119		466.6455

3.6 Util Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	6.1842	56.7649	59.3983	0.1354		2.2475	2.2475		2.0845	2.0845		12,836.9871	12,836.9871	3.9893		12,936.7197
Total	6.1842	56.7649	59.3983	0.1354	2.6513	2.2475	4.8988	0.2863	2.0845	2.3708		12,836.9871	12,836.9871	3.9893		12,936.7197

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.6 Util Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2201	0.1154	1.5118	4.4900e-003	0.5257	3.0200e-003	0.5288	0.1395	2.7800e-003	0.1422		447.7862	447.7862	0.0107		448.0539
Total	0.2201	0.1154	1.5118	4.4900e-003	0.5257	3.0200e-003	0.5288	0.1395	2.7800e-003	0.1422		447.7862	447.7862	0.0107		448.0539

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0340	0.0000	1.0340	0.1117	0.0000	0.1117			0.0000			0.0000
Off-Road	3.2072	40.5595	77.8350	0.1354		1.7558	1.7558		1.7558	1.7558	0.0000	12,836.9871	12,836.9871	3.9893		12,936.7197
Total	3.2072	40.5595	77.8350	0.1354	1.0340	1.7558	2.7898	0.1117	1.7558	1.8675	0.0000	12,836.9871	12,836.9871	3.9893		12,936.7197

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.6 Util Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2201	0.1154	1.5118	4.4900e-003	0.5257	3.0200e-003	0.5288	0.1395	2.7800e-003	0.1422		447.7862	447.7862	0.0107		448.0539
Total	0.2201	0.1154	1.5118	4.4900e-003	0.5257	3.0200e-003	0.5288	0.1395	2.7800e-003	0.1422		447.7862	447.7862	0.0107		448.0539

3.7 Util Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.4346	38.9680	40.9960	0.0875		1.5536	1.5536		1.4763	1.4763		8,133.3861	8,133.3861	1.8311		8,179.1640
Total	4.4346	38.9680	40.9960	0.0875		1.5536	1.5536		1.4763	1.4763		8,133.3861	8,133.3861	1.8311		8,179.1640

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.7 Util Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.0000e-003	0.2985	0.0467	1.7000e-003	0.0386	4.9000e-004	0.0390	0.0106	4.7000e-004	0.0110		177.9520	177.9520	7.5200e-003		178.1401
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1720	0.0901	1.1811	3.5100e-003	0.4107	2.3600e-003	0.4131	0.1090	2.1700e-003	0.1111		349.8330	349.8330	8.3700e-003		350.0421
Total	0.1800	0.3887	1.2278	5.2100e-003	0.4493	2.8500e-003	0.4521	0.1195	2.6400e-003	0.1222		527.7850	527.7850	0.0159		528.1822

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4734	27.1526	48.9912	0.0875		1.3408	1.3408		1.3408	1.3408	0.0000	8,133.3861	8,133.3861	1.8311		8,179.1640
Total	2.4734	27.1526	48.9912	0.0875		1.3408	1.3408		1.3408	1.3408	0.0000	8,133.3861	8,133.3861	1.8311		8,179.1640

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.7 Util Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.0000e-003	0.2985	0.0467	1.7000e-003	0.0386	4.9000e-004	0.0390	0.0106	4.7000e-004	0.0110		177.9520	177.9520	7.5200e-003		178.1401
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1720	0.0901	1.1811	3.5100e-003	0.4107	2.3600e-003	0.4131	0.1090	2.1700e-003	0.1111		349.8330	349.8330	8.3700e-003		350.0421
Total	0.1800	0.3887	1.2278	5.2100e-003	0.4493	2.8500e-003	0.4521	0.1195	2.6400e-003	0.1222		527.7850	527.7850	0.0159		528.1822

3.8 Mobilization - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4301	4.3559	2.3876	7.9400e-003		0.1852	0.1852		0.1704	0.1704		768.3861	768.3861	0.2485		774.5989
Total	0.4301	4.3559	2.3876	7.9400e-003	0.0000	0.1852	0.1852	0.0000	0.1704	0.1704		768.3861	768.3861	0.2485		774.5989

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.8 Mobilization - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.8200e-003	0.0679	0.0106	3.9000e-004	8.7700e-003	1.1000e-004	8.8800e-003	2.4100e-003	1.1000e-004	2.5100e-003		40.4841	40.4841	1.7100e-003		40.5269
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0275	0.0144	0.1890	5.6000e-004	0.0657	3.8000e-004	0.0661	0.0174	3.5000e-004	0.0178		55.9733	55.9733	1.3400e-003		56.0067
Total	0.0293	0.0823	0.1996	9.5000e-004	0.0745	4.9000e-004	0.0750	0.0198	4.6000e-004	0.0203		96.4574	96.4574	3.0500e-003		96.5336

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1950	3.7690	4.2239	7.9400e-003		0.1430	0.1430		0.1430	0.1430	0.0000	768.3861	768.3861	0.2485		774.5989
Total	0.1950	3.7690	4.2239	7.9400e-003	0.0000	0.1430	0.1430	0.0000	0.1430	0.1430	0.0000	768.3861	768.3861	0.2485		774.5989

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.8 Mobilization - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.8200e-003	0.0679	0.0106	3.9000e-004	8.7700e-003	1.1000e-004	8.8800e-003	2.4100e-003	1.1000e-004	2.5100e-003		40.4841	40.4841	1.7100e-003		40.5269
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0275	0.0144	0.1890	5.6000e-004	0.0657	3.8000e-004	0.0661	0.0174	3.5000e-004	0.0178		55.9733	55.9733	1.3400e-003		56.0067
Total	0.0293	0.0823	0.1996	9.5000e-004	0.0745	4.9000e-004	0.0750	0.0198	4.6000e-004	0.0203		96.4574	96.4574	3.0500e-003		96.5336

3.9 General Site - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4758	4.3581	7.3369	0.0114		0.1898	0.1898		0.1756	0.1756		1,088.3517	1,088.3517	0.3416		1,096.8913
Total	0.4758	4.3581	7.3369	0.0114	0.0000	0.1898	0.1898	0.0000	0.1756	0.1756		1,088.3517	1,088.3517	0.3416		1,096.8913

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.9 General Site - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.7500e-003	0.0652	0.0102	3.7000e-004	8.4200e-003	1.1000e-004	8.5300e-003	2.3100e-003	1.0000e-004	2.4100e-003		38.8647	38.8647	1.6400e-003		38.9058
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0206	0.0108	0.1417	4.2000e-004	0.0493	2.8000e-004	0.0496	0.0131	2.6000e-004	0.0133		41.9800	41.9800	1.0000e-003		42.0051
Total	0.0224	0.0760	0.1519	7.9000e-004	0.0577	3.9000e-004	0.0581	0.0154	3.6000e-004	0.0157		80.8447	80.8447	2.6400e-003		80.9109

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2663	3.6437	8.4089	0.0114		0.1687	0.1687		0.1687	0.1687	0.0000	1,088.3517	1,088.3517	0.3416		1,096.8913
Total	0.2663	3.6437	8.4089	0.0114	0.0000	0.1687	0.1687	0.0000	0.1687	0.1687	0.0000	1,088.3517	1,088.3517	0.3416		1,096.8913

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.9 General Site - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.7500e-003	0.0652	0.0102	3.7000e-004	8.4200e-003	1.1000e-004	8.5300e-003	2.3100e-003	1.0000e-004	2.4100e-003		38.8647	38.8647	1.6400e-003		38.9058
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0206	0.0108	0.1417	4.2000e-004	0.0493	2.8000e-004	0.0496	0.0131	2.6000e-004	0.0133		41.9800	41.9800	1.0000e-003		42.0051
Total	0.0224	0.0760	0.1519	7.9000e-004	0.0577	3.9000e-004	0.0581	0.0154	3.6000e-004	0.0157		80.8447	80.8447	2.6400e-003		80.9109

3.10 Headworks - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6508	13.8461	16.1250	0.0302		0.5875	0.5875		0.5630	0.5630		2,833.4134	2,833.4134	0.4671		2,845.0904
Total	1.6508	13.8461	16.1250	0.0302		0.5875	0.5875		0.5630	0.5630		2,833.4134	2,833.4134	0.4671		2,845.0904

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.10 Headworks - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.8300e-003	0.0684	0.0107	3.9000e-004	8.8300e-003	1.1000e-004	8.9500e-003	2.4200e-003	1.1000e-004	2.5300e-003		40.7840	40.7840	1.7200e-003		40.8271
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0275	0.0144	0.1890	5.6000e-004	0.0657	3.8000e-004	0.0661	0.0174	3.5000e-004	0.0178		55.9733	55.9733	1.3400e-003		56.0067
Total	0.0294	0.0828	0.1997	9.5000e-004	0.0746	4.9000e-004	0.0751	0.0199	4.6000e-004	0.0203		96.7573	96.7573	3.0600e-003		96.8338

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0949	14.2103	18.5835	0.0302		0.7488	0.7488		0.7488	0.7488	0.0000	2,833.4134	2,833.4134	0.4671		2,845.0904
Total	1.0949	14.2103	18.5835	0.0302		0.7488	0.7488		0.7488	0.7488	0.0000	2,833.4134	2,833.4134	0.4671		2,845.0904

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.10 Headworks - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.8300e-003	0.0684	0.0107	3.9000e-004	8.8300e-003	1.1000e-004	8.9500e-003	2.4200e-003	1.1000e-004	2.5300e-003		40.7840	40.7840	1.7200e-003		40.8271
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0275	0.0144	0.1890	5.6000e-004	0.0657	3.8000e-004	0.0661	0.0174	3.5000e-004	0.0178		55.9733	55.9733	1.3400e-003		56.0067
Total	0.0294	0.0828	0.1997	9.5000e-004	0.0746	4.9000e-004	0.0751	0.0199	4.6000e-004	0.0203		96.7573	96.7573	3.0600e-003		96.8338

3.11 Secondary - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7329	17.0597	13.9344	0.0343		0.6484	0.6484		0.6011	0.6011		3,261.2470	3,261.2470	0.9896		3,285.9869
Total	1.7329	17.0597	13.9344	0.0343		0.6484	0.6484		0.6011	0.6011		3,261.2470	3,261.2470	0.9896		3,285.9869

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.11 Secondary - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0138	7.2100e-003	0.0945	2.8000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		27.9866	27.9866	6.7000e-004		28.0034
Total	0.0138	7.2100e-003	0.0945	2.8000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		27.9866	27.9866	6.7000e-004		28.0034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0274	15.2989	19.4431	0.0343		0.5218	0.5218		0.5189	0.5189	0.0000	3,261.2470	3,261.2470	0.9896		3,285.9869
Total	1.0274	15.2989	19.4431	0.0343		0.5218	0.5218		0.5189	0.5189	0.0000	3,261.2470	3,261.2470	0.9896		3,285.9869

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.11 Secondary - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0138	7.2100e-003	0.0945	2.8000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		27.9866	27.9866	6.7000e-004		28.0034
Total	0.0138	7.2100e-003	0.0945	2.8000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		27.9866	27.9866	6.7000e-004		28.0034

3.12 Tertiary - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5951	13.7827	11.9219	0.0269		0.5812	0.5812		0.5468	0.5468		2,541.5845	2,541.5845	0.6181		2,557.0372
Total	1.5951	13.7827	11.9219	0.0269		0.5812	0.5812		0.5468	0.5468		2,541.5845	2,541.5845	0.6181		2,557.0372

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.12 Tertiary - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.3000e-004	0.0273	4.2700e-003	1.6000e-004	3.7700e-003	4.0000e-005	3.8200e-003	1.0300e-003	4.0000e-005	1.0700e-003		16.2793	16.2793	6.9000e-004		16.2965
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0413	0.0216	0.2835	8.4000e-004	0.0986	5.7000e-004	0.0991	0.0262	5.2000e-004	0.0267		83.9599	83.9599	2.0100e-003		84.0101
Total	0.0420	0.0489	0.2877	1.0000e-003	0.1024	6.1000e-004	0.1030	0.0272	5.6000e-004	0.0277		100.2392	100.2392	2.7000e-003		100.3066

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0571	12.6662	15.6327	0.0269		0.5195	0.5195		0.5195	0.5195	0.0000	2,541.5845	2,541.5845	0.6181		2,557.0372
Total	1.0571	12.6662	15.6327	0.0269		0.5195	0.5195		0.5195	0.5195	0.0000	2,541.5845	2,541.5845	0.6181		2,557.0372

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.12 Tertiary - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.3000e-004	0.0273	4.2700e-003	1.6000e-004	3.7700e-003	4.0000e-005	3.8200e-003	1.0300e-003	4.0000e-005	1.0700e-003		16.2793	16.2793	6.9000e-004		16.2965
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0413	0.0216	0.2835	8.4000e-004	0.0986	5.7000e-004	0.0991	0.0262	5.2000e-004	0.0267		83.9599	83.9599	2.0100e-003		84.0101
Total	0.0420	0.0489	0.2877	1.0000e-003	0.1024	6.1000e-004	0.1030	0.0272	5.6000e-004	0.0277		100.2392	100.2392	2.7000e-003		100.3066

3.12 Tertiary - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5951	13.7827	11.9219	0.0269		0.5812	0.5812		0.5468	0.5468		2,541.5845	2,541.5845	0.6181		2,557.0372
Total	1.5951	13.7827	11.9219	0.0269		0.5812	0.5812		0.5468	0.5468		2,541.5845	2,541.5845	0.6181		2,557.0372

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.12 Tertiary - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.3000e-004	0.0269	4.2500e-003	1.5000e-004	0.0323	4.0000e-005	0.0323	8.0200e-003	4.0000e-005	8.0600e-003		16.1842	16.1842	6.8000e-004		16.2011
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0390	0.0198	0.2629	8.1000e-004	0.0986	5.5000e-004	0.0991	0.0262	5.0000e-004	0.0267		80.9094	80.9094	1.8200e-003		80.9548
Total	0.0397	0.0466	0.2672	9.6000e-004	0.1309	5.9000e-004	0.1314	0.0342	5.4000e-004	0.0347		97.0936	97.0936	2.5000e-003		97.1559

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0571	12.6662	15.6327	0.0269		0.5195	0.5195		0.5195	0.5195	0.0000	2,541.5845	2,541.5845	0.6181		2,557.0372
Total	1.0571	12.6662	15.6327	0.0269		0.5195	0.5195		0.5195	0.5195	0.0000	2,541.5845	2,541.5845	0.6181		2,557.0372

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.12 Tertiary - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.3000e-004	0.0269	4.2500e-003	1.5000e-004	0.0323	4.0000e-005	0.0323	8.0200e-003	4.0000e-005	8.0600e-003		16.1842	16.1842	6.8000e-004		16.2011
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0390	0.0198	0.2629	8.1000e-004	0.0986	5.5000e-004	0.0991	0.0262	5.0000e-004	0.0267		80.9094	80.9094	1.8200e-003		80.9548
Total	0.0397	0.0466	0.2672	9.6000e-004	0.1309	5.9000e-004	0.1314	0.0342	5.4000e-004	0.0347		97.0936	97.0936	2.5000e-003		97.1559

3.13 Disinfection - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8518	7.3267	6.2176	0.0136		0.3016	0.3016		0.2820	0.2820		1,257.2103	1,257.2103	0.3415		1,265.7466
Total	0.8518	7.3267	6.2176	0.0136		0.3016	0.3016		0.2820	0.2820		1,257.2103	1,257.2103	0.3415		1,265.7466

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.13 Disinfection - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.2000e-004	0.0307	4.8000e-003	1.7000e-004	3.9700e-003	5.0000e-005	4.0200e-003	1.0900e-003	5.0000e-005	1.1400e-003		18.3059	18.3059	7.7000e-004		18.3252
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0138	7.2100e-003	0.0945	2.8000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		27.9866	27.9866	6.7000e-004		28.0034
Total	0.0146	0.0379	0.0993	4.5000e-004	0.0368	2.4000e-004	0.0371	9.8100e-003	2.2000e-004	0.0100		46.2925	46.2925	1.4400e-003		46.3286

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5490	6.7971	8.0920	0.0136		0.2821	0.2821		0.2821	0.2821	0.0000	1,257.2103	1,257.2103	0.3415		1,265.7466
Total	0.5490	6.7971	8.0920	0.0136		0.2821	0.2821		0.2821	0.2821	0.0000	1,257.2103	1,257.2103	0.3415		1,265.7466

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.13 Disinfection - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.2000e-004	0.0307	4.8000e-003	1.7000e-004	3.9700e-003	5.0000e-005	4.0200e-003	1.0900e-003	5.0000e-005	1.1400e-003		18.3059	18.3059	7.7000e-004		18.3252
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0138	7.2100e-003	0.0945	2.8000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		27.9866	27.9866	6.7000e-004		28.0034
Total	0.0146	0.0379	0.0993	4.5000e-004	0.0368	2.4000e-004	0.0371	9.8100e-003	2.2000e-004	0.0100		46.2925	46.2925	1.4400e-003		46.3286

3.14 Solids Handling - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2081	10.6335	11.1316	0.0206		0.4497	0.4497		0.4193	0.4193		1,923.4887	1,923.4887	0.5465		1,937.1518
Total	1.2081	10.6335	11.1316	0.0206		0.4497	0.4497		0.4193	0.4193		1,923.4887	1,923.4887	0.5465		1,937.1518

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.14 Solids Handling - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0800e-003	0.0402	6.2900e-003	2.3000e-004	5.2000e-003	7.0000e-005	5.2600e-003	1.4300e-003	6.0000e-005	1.4900e-003		23.9906	23.9906	1.0100e-003		24.0159
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0413	0.0216	0.2835	8.4000e-004	0.0986	5.7000e-004	0.0991	0.0262	5.2000e-004	0.0267		83.9599	83.9599	2.0100e-003		84.0101
Total	0.0424	0.0619	0.2898	1.0700e-003	0.1038	6.4000e-004	0.1044	0.0276	5.8000e-004	0.0282		107.9505	107.9505	3.0200e-003		108.0260

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7081	8.5517	13.1989	0.0206		0.3853	0.3853		0.3853	0.3853	0.0000	1,923.4887	1,923.4887	0.5465		1,937.1518
Total	0.7081	8.5517	13.1989	0.0206		0.3853	0.3853		0.3853	0.3853	0.0000	1,923.4887	1,923.4887	0.5465		1,937.1518

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.14 Solids Handling - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0800e-003	0.0402	6.2900e-003	2.3000e-004	5.2000e-003	7.0000e-005	5.2600e-003	1.4300e-003	6.0000e-005	1.4900e-003		23.9906	23.9906	1.0100e-003		24.0159
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0413	0.0216	0.2835	8.4000e-004	0.0986	5.7000e-004	0.0991	0.0262	5.2000e-004	0.0267		83.9599	83.9599	2.0100e-003		84.0101
Total	0.0424	0.0619	0.2898	1.0700e-003	0.1038	6.4000e-004	0.1044	0.0276	5.8000e-004	0.0282		107.9505	107.9505	3.0200e-003		108.0260

3.15 Aeration - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4217	2.9708	3.8299	5.6200e-003		0.1165	0.1165		0.1117	0.1117		488.8243	488.8243	0.0929		491.1477
Total	0.4217	2.9708	3.8299	5.6200e-003		0.1165	0.1165		0.1117	0.1117		488.8243	488.8243	0.0929		491.1477

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.15 Aeration - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.6000e-004	0.0136	2.1200e-003	8.0000e-005	1.7500e-003	2.0000e-005	1.7800e-003	4.8000e-004	2.0000e-005	5.0000e-004		8.0968	8.0968	3.4000e-004		8.1054
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0138	7.2100e-003	0.0945	2.8000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		27.9866	27.9866	6.7000e-004		28.0034
Total	0.0141	0.0208	0.0966	3.6000e-004	0.0346	2.1000e-004	0.0348	9.2000e-003	1.9000e-004	9.3900e-003		36.0835	36.0835	1.0100e-003		36.1087

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3540	3.0281	3.8682	5.6200e-003		0.1391	0.1391		0.1391	0.1391	0.0000	488.8243	488.8243	0.0929		491.1477
Total	0.3540	3.0281	3.8682	5.6200e-003		0.1391	0.1391		0.1391	0.1391	0.0000	488.8243	488.8243	0.0929		491.1477

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.15 Aeration - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.6000e-004	0.0136	2.1200e-003	8.0000e-005	1.7500e-003	2.0000e-005	1.7800e-003	4.8000e-004	2.0000e-005	5.0000e-004		8.0968	8.0968	3.4000e-004		8.1054
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0138	7.2100e-003	0.0945	2.8000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		27.9866	27.9866	6.7000e-004		28.0034
Total	0.0141	0.0208	0.0966	3.6000e-004	0.0346	2.1000e-004	0.0348	9.2000e-003	1.9000e-004	9.3900e-003		36.0835	36.0835	1.0100e-003		36.1087

3.16 EI&C - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3012	2.9612	4.6247	6.3900e-003		0.1346	0.1346		0.1239	0.1239		618.8692	618.8692	0.2002		623.8731
Total	0.3012	2.9612	4.6247	6.3900e-003		0.1346	0.1346		0.1239	0.1239		618.8692	618.8692	0.2002		623.8731

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.16 EI&C - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.6000e-004	0.0285	4.4500e-003	1.6000e-004	4.4700e-003	5.0000e-005	4.5200e-003	1.2000e-003	4.0000e-005	1.2500e-003		16.9648	16.9648	7.2000e-004		16.9827
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0138	7.2100e-003	0.0945	2.8000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		27.9866	27.9866	6.7000e-004		28.0034
Total	0.0145	0.0357	0.0989	4.4000e-004	0.0373	2.4000e-004	0.0376	9.9200e-003	2.1000e-004	0.0101		44.9514	44.9514	1.3900e-003		44.9861

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1040	1.4091	4.8175	6.3900e-003		0.0898	0.0898		0.0898	0.0898	0.0000	618.8692	618.8692	0.2002		623.8731
Total	0.1040	1.4091	4.8175	6.3900e-003		0.0898	0.0898		0.0898	0.0898	0.0000	618.8692	618.8692	0.2002		623.8731

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.16 EI&C - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.6000e-004	0.0285	4.4500e-003	1.6000e-004	4.4700e-003	5.0000e-005	4.5200e-003	1.2000e-003	4.0000e-005	1.2500e-003		16.9648	16.9648	7.2000e-004		16.9827
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0138	7.2100e-003	0.0945	2.8000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		27.9866	27.9866	6.7000e-004		28.0034
Total	0.0145	0.0357	0.0989	4.4000e-004	0.0373	2.4000e-004	0.0376	9.9200e-003	2.1000e-004	0.0101		44.9514	44.9514	1.3900e-003		44.9861

3.16 EI&C - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3012	2.9612	4.6247	6.3900e-003		0.1346	0.1346		0.1239	0.1239		618.8692	618.8692	0.2002		623.8731
Total	0.3012	2.9612	4.6247	6.3900e-003		0.1346	0.1346		0.1239	0.1239		618.8692	618.8692	0.2002		623.8731

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.16 EI&C - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.6000e-004	0.0280	4.4300e-003	1.6000e-004	0.0133	5.0000e-005	0.0133	3.3700e-003	4.0000e-005	3.4100e-003		16.8657	16.8657	7.0000e-004		16.8833
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0130	6.5800e-003	0.0876	2.7000e-004	0.0329	1.8000e-004	0.0330	8.7200e-003	1.7000e-004	8.8800e-003		26.9698	26.9698	6.1000e-004		26.9849
Total	0.0138	0.0346	0.0921	4.3000e-004	0.0461	2.3000e-004	0.0464	0.0121	2.1000e-004	0.0123		43.8355	43.8355	1.3100e-003		43.8682

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1040	1.4091	4.8175	6.3900e-003		0.0898	0.0898		0.0898	0.0898	0.0000	618.8692	618.8692	0.2002		623.8731
Total	0.1040	1.4091	4.8175	6.3900e-003		0.0898	0.0898		0.0898	0.0898	0.0000	618.8692	618.8692	0.2002		623.8731

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.16 EI&C - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.6000e-004	0.0280	4.4300e-003	1.6000e-004	0.0133	5.0000e-005	0.0133	3.3700e-003	4.0000e-005	3.4100e-003		16.8657	16.8657	7.0000e-004		16.8833
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0130	6.5800e-003	0.0876	2.7000e-004	0.0329	1.8000e-004	0.0330	8.7200e-003	1.7000e-004	8.8800e-003		26.9698	26.9698	6.1000e-004		26.9849
Total	0.0138	0.0346	0.0921	4.3000e-004	0.0461	2.3000e-004	0.0464	0.0121	2.1000e-004	0.0123		43.8355	43.8355	1.3100e-003		43.8682

3.17 Percolation ponds - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2298	1.6798	4.4816	7.1100e-003		0.0824	0.0824		0.0758	0.0758		687.9646	687.9646	0.2225		693.5271
Total	0.2298	1.6798	4.4816	7.1100e-003		0.0824	0.0824		0.0758	0.0758		687.9646	687.9646	0.2225		693.5271

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.17 Percolation ponds - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2205	8.2291	1.2869	0.0468	1.0626	0.0135	1.0761	0.2915	0.0129	0.3044		4,905.5145	4,905.5145	0.2074		4,910.6987
Vendor	0.0163	0.5692	0.1109	2.3300e-003	0.0543	5.1000e-004	0.0548	0.0156	4.9000e-004	0.0161		243.0563	243.0563	0.0140		243.4058
Worker	0.0138	7.2100e-003	0.0945	2.8000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		27.9866	27.9866	6.7000e-004		28.0034
Total	0.2505	8.8055	1.4924	0.0494	1.1497	0.0142	1.1639	0.3159	0.0135	0.3294		5,176.5575	5,176.5575	0.2220		5,182.1078

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1747	3.3780	5.3873	7.1100e-003		0.1631	0.1631		0.1631	0.1631	0.0000	687.9646	687.9646	0.2225		693.5271
Total	0.1747	3.3780	5.3873	7.1100e-003		0.1631	0.1631		0.1631	0.1631	0.0000	687.9646	687.9646	0.2225		693.5271

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.17 Percolation ponds - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2205	8.2291	1.2869	0.0468	1.0626	0.0135	1.0761	0.2915	0.0129	0.3044		4,905.5145	4,905.5145	0.2074		4,910.6987
Vendor	0.0163	0.5692	0.1109	2.3300e-003	0.0543	5.1000e-004	0.0548	0.0156	4.9000e-004	0.0161		243.0563	243.0563	0.0140		243.4058
Worker	0.0138	7.2100e-003	0.0945	2.8000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		27.9866	27.9866	6.7000e-004		28.0034
Total	0.2505	8.8055	1.4924	0.0494	1.1497	0.0142	1.1639	0.3159	0.0135	0.3294		5,176.5575	5,176.5575	0.2220		5,182.1078

3.18 Util Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8595	15.1110	20.1427	0.0340		0.6715	0.6715		0.6345	0.6345		3,021.5025	3,021.5025	0.8148		3,041.8718
Paving	1.2412					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.1007	15.1110	20.1427	0.0340		0.6715	0.6715		0.6345	0.6345		3,021.5025	3,021.5025	0.8148		3,041.8718

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.18 Util Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1513	0.0793	1.0394	3.0900e-003	0.3615	2.0800e-003	0.3635	0.0959	1.9100e-003	0.0978		307.8530	307.8530	7.3600e-003		308.0371
Total	0.1513	0.0793	1.0394	3.0900e-003	0.3615	2.0800e-003	0.3635	0.0959	1.9100e-003	0.0978		307.8530	307.8530	7.3600e-003		308.0371

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3867	15.4030	22.3541	0.0340		0.7770	0.7770		0.7770	0.7770	0.0000	3,021.5025	3,021.5025	0.8148		3,041.8718
Paving	1.2412					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6279	15.4030	22.3541	0.0340		0.7770	0.7770		0.7770	0.7770	0.0000	3,021.5025	3,021.5025	0.8148		3,041.8718

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.18 Util Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1513	0.0793	1.0394	3.0900e-003	0.3615	2.0800e-003	0.3635	0.0959	1.9100e-003	0.0978		307.8530	307.8530	7.3600e-003		308.0371
Total	0.1513	0.0793	1.0394	3.0900e-003	0.3615	2.0800e-003	0.3635	0.0959	1.9100e-003	0.0978		307.8530	307.8530	7.3600e-003		308.0371

3.19 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2583	11.7998	20.0447	0.0314		0.5755	0.5755		0.5294	0.5294		3,034.2746	3,034.2746	0.9814		3,058.8082
Paving	1.7120					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.9704	11.7998	20.0447	0.0314		0.5755	0.5755		0.5294	0.5294		3,034.2746	3,034.2746	0.9814		3,058.8082

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.19 Paving - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0487	0.0247	0.3286	1.0100e-003	0.1232	6.8000e-004	0.1239	0.0327	6.3000e-004	0.0333		101.1367	101.1367	2.2700e-003		101.1935
Total	0.0487	0.0247	0.3286	1.0100e-003	0.1232	6.8000e-004	0.1239	0.0327	6.3000e-004	0.0333		101.1367	101.1367	2.2700e-003		101.1935

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7713	15.5309	23.7816	0.0314		0.8378	0.8378		0.8378	0.8378	0.0000	3,034.2746	3,034.2746	0.9814		3,058.8082
Paving	1.7120					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.4833	15.5309	23.7816	0.0314		0.8378	0.8378		0.8378	0.8378	0.0000	3,034.2746	3,034.2746	0.9814		3,058.8082

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.19 Paving - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0487	0.0247	0.3286	1.0100e-003	0.1232	6.8000e-004	0.1239	0.0327	6.3000e-004	0.0333		101.1367	101.1367	2.2700e-003		101.1935
Total	0.0487	0.0247	0.3286	1.0100e-003	0.1232	6.8000e-004	0.1239	0.0327	6.3000e-004	0.0333		101.1367	101.1367	2.2700e-003		101.1935

3.20 Demobilization - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2737	2.7720	1.5194	5.0500e-003		0.1178	0.1178		0.1084	0.1084		488.9730	488.9730	0.1581		492.9266
Total	0.2737	2.7720	1.5194	5.0500e-003		0.1178	0.1178		0.1084	0.1084		488.9730	488.9730	0.1581		492.9266

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.20 Demobilization - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.8900e-003	0.1070	0.0169	6.1000e-004	0.0140	1.8000e-004	0.0142	3.8500e-003	1.7000e-004	4.0200e-003		64.3962	64.3962	2.6900e-003		64.4634
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4676	0.2370	3.1548	9.7400e-003	1.1829	6.5700e-003	1.1895	0.3138	6.0500e-003	0.3198		970.9125	970.9125	0.0218		971.4579
Total	0.4705	0.3440	3.1718	0.0104	1.1970	6.7500e-003	1.2037	0.3176	6.2200e-003	0.3238		1,035.3087	1,035.3087	0.0245		1,035.9213

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1241	2.3985	2.6879	5.0500e-003		0.0910	0.0910		0.0910	0.0910	0.0000	488.9730	488.9730	0.1581		492.9266
Total	0.1241	2.3985	2.6879	5.0500e-003		0.0910	0.0910		0.0910	0.0910	0.0000	488.9730	488.9730	0.1581		492.9266

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.20 Demobilization - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.8900e-003	0.1070	0.0169	6.1000e-004	0.0140	1.8000e-004	0.0142	3.8500e-003	1.7000e-004	4.0200e-003		64.3962	64.3962	2.6900e-003		64.4634
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4676	0.2370	3.1548	9.7400e-003	1.1829	6.5700e-003	1.1895	0.3138	6.0500e-003	0.3198		970.9125	970.9125	0.0218		971.4579
Total	0.4705	0.3440	3.1718	0.0104	1.1970	6.7500e-003	1.2037	0.3176	6.2200e-003	0.3238		1,035.3087	1,035.3087	0.0245		1,035.9213

3.21 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	50.4536					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.2530	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777		2,063.9524	2,063.9524	0.1126		2,066.7670
Total	51.7066	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777		2,063.9524	2,063.9524	0.1126		2,066.7670

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.21 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1494	0.0757	1.0078	3.1100e-003	0.3779	2.1000e-003	0.3800	0.1002	1.9300e-003	0.1022		310.1526	310.1526	6.9700e-003		310.3268
Total	0.1494	0.0757	1.0078	3.1100e-003	0.3779	2.1000e-003	0.3800	0.1002	1.9300e-003	0.1022		310.1526	310.1526	6.9700e-003		310.3268

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	50.4536					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.2530	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777	0.0000	2,063.9524	2,063.9524	0.1126		2,066.7670
Total	51.7066	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777	0.0000	2,063.9524	2,063.9524	0.1126		2,066.7670

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.21 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1494	0.0757	1.0078	3.1100e-003	0.3779	2.1000e-003	0.3800	0.1002	1.9300e-003	0.1022		310.1526	310.1526	6.9700e-003		310.3268
Total	0.1494	0.0757	1.0078	3.1100e-003	0.3779	2.1000e-003	0.3800	0.1002	1.9300e-003	0.1022		310.1526	310.1526	6.9700e-003		310.3268

3.22 Phase 2 Building - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242
Total	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.22 Phase 2 Building - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0282	1.0388	0.1660	6.0200e-003	0.1810	1.7000e-003	0.1827	0.0484	1.6300e-003	0.0500		630.7460	630.7460	0.0259		631.3942
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7286	0.3582	4.8491	0.0156	1.9551	0.0103	1.9654	0.5186	9.4500e-003	0.5280		1,551.2528	1,551.2528	0.0327		1,552.0697
Total	0.7568	1.3969	5.0151	0.0216	2.1361	0.0120	2.1481	0.5670	0.0111	0.5781		2,181.9988	2,181.9988	0.0586		2,183.4638

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242
Total	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.22 Phase 2 Building - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0282	1.0388	0.1660	6.0200e-003	0.1810	1.7000e-003	0.1827	0.0484	1.6300e-003	0.0500		630.7460	630.7460	0.0259		631.3942
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7286	0.3582	4.8491	0.0156	1.9551	0.0103	1.9654	0.5186	9.4500e-003	0.5280		1,551.2528	1,551.2528	0.0327		1,552.0697
Total	0.7568	1.3969	5.0151	0.0216	2.1361	0.0120	2.1481	0.5670	0.0111	0.5781		2,181.9988	2,181.9988	0.0586		2,183.4638

3.22 Phase 2 Building - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242
Total	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.22 Phase 2 Building - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0281	1.0291	0.1658	5.9900e-003	0.3911	1.6900e-003	0.3928	0.1000	1.6200e-003	0.1016		628.3280	628.3280	0.0254		628.9627
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6850	0.3281	4.5348	0.0151	1.9551	9.5400e-003	1.9647	0.5186	8.7700e-003	0.5274		1,504.2832	1,504.2832	0.0298		1,505.0288
Total	0.7131	1.3572	4.7006	0.0211	2.3462	0.0112	2.3574	0.6186	0.0104	0.6290		2,132.6113	2,132.6113	0.0552		2,133.9915

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242
Total	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.22 Phase 2 Building - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0281	1.0291	0.1658	5.9900e-003	0.3911	1.6900e-003	0.3928	0.1000	1.6200e-003	0.1016		628.3280	628.3280	0.0254		628.9627
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6850	0.3281	4.5348	0.0151	1.9551	9.5400e-003	1.9647	0.5186	8.7700e-003	0.5274		1,504.2832	1,504.2832	0.0298		1,505.0288
Total	0.7131	1.3572	4.7006	0.0211	2.3462	0.0112	2.3574	0.6186	0.0104	0.6290		2,132.6113	2,132.6113	0.0552		2,133.9915

3.23 Phase 2 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.3347					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.2530	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777		2,063.9524	2,063.9524	0.1126		2,066.7670
Total	55.5877	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777		2,063.9524	2,063.9524	0.1126		2,066.7670

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.23 Phase 2 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1324	0.0634	0.8765	2.9200e-003	0.3779	1.8400e-003	0.3797	0.1002	1.7000e-003	0.1019		290.7438	290.7438	5.7600e-003		290.8879
Total	0.1324	0.0634	0.8765	2.9200e-003	0.3779	1.8400e-003	0.3797	0.1002	1.7000e-003	0.1019		290.7438	290.7438	5.7600e-003		290.8879

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.3347					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.2530	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777	0.0000	2,063.9524	2,063.9524	0.1126		2,066.7670
Total	55.5877	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777	0.0000	2,063.9524	2,063.9524	0.1126		2,066.7670

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

3.23 Phase 2 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1324	0.0634	0.8765	2.9200e-003	0.3779	1.8400e-003	0.3797	0.1002	1.7000e-003	0.1019		290.7438	290.7438	5.7600e-003		290.8879
Total	0.1324	0.0634	0.8765	2.9200e-003	0.3779	1.8400e-003	0.3797	0.1002	1.7000e-003	0.1019		290.7438	290.7438	5.7600e-003		290.8879

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.5328	45.4757	141.0605	0.6948	58.3590	0.3781	58.7370	15.6186	0.3534	15.9720		70,893.30 47	70,893.30 47	2.2468		70,949.47 45
Unmitigated	7.5328	45.4757	141.0605	0.6948	58.3590	0.3781	58.7370	15.6186	0.3534	15.9720		70,893.30 47	70,893.30 47	2.2468		70,949.47 45

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government Office Building	0.00	0.00	0.00		
Hospital	1,209.60	1,602.72	1602.72	22,499,684	22,499,684
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	1,209.60	1,602.72	1,602.72	22,499,684	22,499,684

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
Government Office Building	59.00	59.00	59.00	33.00	62.00	5.00	50	34	16
Hospital	59.00	59.00	59.00	64.90	16.10	19.00	73	25	2
Parking Lot	59.00	59.00	59.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	59.00	59.00	59.00	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government Office Building	0.554912	0.033145	0.172938	0.097405	0.013532	0.004629	0.010506	0.100129	0.001620	0.001831	0.007688	0.000854	0.000811
Hospital	0.554912	0.033145	0.172938	0.097405	0.013532	0.004629	0.010506	0.100129	0.001620	0.001831	0.007688	0.000854	0.000811
Parking Lot	0.554912	0.033145	0.172938	0.097405	0.013532	0.004629	0.010506	0.100129	0.001620	0.001831	0.007688	0.000854	0.000811
Refrigerated Warehouse-No Rail	0.554912	0.033145	0.172938	0.097405	0.013532	0.004629	0.010506	0.100129	0.001620	0.001831	0.007688	0.000854	0.000811

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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					
NaturalGas Mitigated	1.4195	12.9046	10.8399	0.0774		0.9808	0.9808		0.9808	0.9808		15,485.5601	15,485.5601	0.2968	0.2839	15,577.5830
NaturalGas Unmitigated	1.4195	12.9046	10.8399	0.0774		0.9808	0.9808		0.9808	0.9808		15,485.5601	15,485.5601	0.2968	0.2839	15,577.5830

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government Office Building	2015.42	0.0217	0.1976	0.1660	1.1900e-003		0.0150	0.0150		0.0150	0.0150		237.1083	237.1083	4.5400e-003	4.3500e-003	238.5173
Hospital	126805	1.3675	12.4318	10.4427	0.0746		0.9448	0.9448		0.9448	0.9448		14,918.1988	14,918.1988	0.2859	0.2735	15,006.8502
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	2807.15	0.0303	0.2752	0.2312	1.6500e-003		0.0209	0.0209		0.0209	0.0209		330.2530	330.2530	6.3300e-003	6.0500e-003	332.2156
Total		1.4195	12.9046	10.8399	0.0774		0.9808	0.9808		0.9808	0.9808		15,485.5601	15,485.5601	0.2968	0.2839	15,577.5830

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government Office Building	2.01542	0.0217	0.1976	0.1660	1.1900e-003		0.0150	0.0150		0.0150	0.0150		237.1083	237.1083	4.5400e-003	4.3500e-003	238.5173
Hospital	126.805	1.3675	12.4318	10.4427	0.0746		0.9448	0.9448		0.9448	0.9448		14,918.1988	14,918.1988	0.2859	0.2735	15,006.8502
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	2.80715	0.0303	0.2752	0.2312	1.6500e-003		0.0209	0.0209		0.0209	0.0209		330.2530	330.2530	6.3300e-003	6.0500e-003	332.2156
Total		1.4195	12.9046	10.8399	0.0774		0.9808	0.9808		0.9808	0.9808		15,485.5601	15,485.5601	0.2968	0.2839	15,577.5830

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	34.4836	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246
Unmitigated	47.1857	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	13.3917					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.7447					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0493	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246
Total	47.1857	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.6896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.7447					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0493	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246
Total	34.4836	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Summer

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	1	12	50	0.73	Diesel

Boilers

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

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (50 - 75 HP)	0.0821	0.2676	0.2977	3.9000e-004		0.0121	0.0121		0.0121	0.0121		41.9757	41.9757	5.8800e-003		42.1228
Total	0.0821	0.2676	0.2977	3.9000e-004		0.0121	0.0121		0.0121	0.0121		41.9757	41.9757	5.8800e-003		42.1228

11.0 Vegetation

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

California City Correctional Facility, WWTP, Utilities
Mojave Desert Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	25.00	1000sqft	2.00	35,000.00	0
Hospital	3,024.00	Bed	150.00	1,427,920.00	3024
Refrigerated Warehouse-No Rail	100.00	1000sqft	7.00	100,000.00	0
Parking Lot	2,105.00	Space	18.95	842,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	31
Climate Zone	7			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - acreage revised to match the building pad of 159 acres
- Construction Phase - Project schedule provided by developer
- Off-road Equipment - Developer's data
- Off-road Equipment - Developer's data
- Off-road Equipment - Developer's data
- Off-road Equipment - project data

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Based on developer data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment -

Off-road Equipment - Project data

Off-road Equipment - Project data

Off-road Equipment - Developer's data

Off-road Equipment - developer provided information

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment - Developer's data

Off-road Equipment -

Off-road Equipment - Developer's data

Trips and VMT - Building construction for correctional facility based on max estimates from traffic study. Utility worker trips based on the RCEM. WWTP trips based on Hazen estimates.

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - From traffic study

Area Coating - Rule 1113 limits

Construction Off-road Equipment Mitigation - Mitigation

Area Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	781,460.00	356,980.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	781,460.00	356,980.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,344,380.00	1,427,920.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,344,380.00	1,427,920.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	10.00
tblAreaCoating	Area_Nonresidential_Exterior	781460	1041947
tblAreaCoating	Area_Nonresidential_Interior	2344380	3125840
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	10
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00

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tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	220.00	28.00
tblConstructionPhase	NumDays	220.00	26.00
tblConstructionPhase	NumDays	3,100.00	125.00
tblConstructionPhase	NumDays	3,100.00	189.00
tblConstructionPhase	NumDays	3,100.00	115.00
tblConstructionPhase	NumDays	3,100.00	135.00
tblConstructionPhase	NumDays	3,100.00	80.00
tblConstructionPhase	NumDays	3,100.00	210.00
tblConstructionPhase	NumDays	3,100.00	70.00
tblConstructionPhase	NumDays	3,100.00	10.00
tblConstructionPhase	NumDays	3,100.00	367.00
tblConstructionPhase	NumDays	3,100.00	389.00
tblConstructionPhase	NumDays	3,100.00	91.00

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tblConstructionPhase	NumDays	3,100.00	135.00
tblConstructionPhase	NumDays	310.00	40.00
tblConstructionPhase	NumDays	310.00	103.00
tblConstructionPhase	NumDays	220.00	40.00
tblConstructionPhase	NumDays	220.00	29.00
tblConstructionPhase	NumDays	120.00	16.00
tblConstructionPhase	NumDays	120.00	27.00
tblConstructionPhase	NumDays	120.00	10.00
tblConstructionPhase	NumDays	120.00	150.00
tblEnergyUse	LightingElect	3.77	2.44
tblEnergyUse	LightingElect	3.98	2.58
tblEnergyUse	LightingElect	0.35	0.23
tblEnergyUse	LightingElect	2.12	1.37
tblEnergyUse	NT24E	3.31	2.14
tblEnergyUse	NT24E	4.96	3.21
tblEnergyUse	NT24E	26.24	16.99
tblEnergyUse	NT24NG	1.08	1.32
tblEnergyUse	NT24NG	1.90	2.32
tblEnergyUse	NT24NG	3.10	3.79
tblEnergyUse	T24E	2.89	1.87
tblEnergyUse	T24E	4.16	2.69
tblEnergyUse	T24E	0.57	0.37
tblEnergyUse	T24NG	16.11	19.70
tblEnergyUse	T24NG	24.61	30.09
tblEnergyUse	T24NG	5.28	6.46
tblGrading	AcresOfGrading	467.50	100.00
tblGrading	AcresOfGrading	18.56	0.00

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tblGrading	AcresOfGrading	495.69	257.50
tblLandUse	LandUseSquareFeet	25,000.00	35,000.00
tblLandUse	LandUseSquareFeet	2,164,450.91	1,427,920.00
tblLandUse	LotAcreage	0.57	2.00
tblLandUse	LotAcreage	49.69	150.00
tblLandUse	LotAcreage	2.30	7.00
tblLandUse	Population	0.00	3,024.00
tblOffRoadEquipment	HorsePower	158.00	85.00
tblOffRoadEquipment	LoadFactor	0.38	0.78
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	50.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	12.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripNumber	0.00	38.00
tblTripsAndVMT	HaulingTripNumber	0.00	26.00
tblTripsAndVMT	HaulingTripNumber	0.00	40.00
tblTripsAndVMT	HaulingTripNumber	0.00	8.00
tblTripsAndVMT	HaulingTripNumber	0.00	44.00
tblTripsAndVMT	HaulingTripNumber	0.00	4,241.00
tblTripsAndVMT	HaulingTripNumber	0.00	8.00
tblTripsAndVMT	HaulingTripNumber	0.00	2,890.00

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

tblTripsAndVMT	HaulingTripNumber	0.00	2,890.00
tblTripsAndVMT	HaulingTripNumber	0.00	200.00
tblTripsAndVMT	HaulingTripNumber	0.00	5.00
tblTripsAndVMT	HaulingTripNumber	0.00	72.00
tblTripsAndVMT	HaulingTripNumber	0.00	68.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	8.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	VendorTripNumber	394.00	0.00
tblTripsAndVMT	WorkerTripNumber	864.00	4.00
tblTripsAndVMT	WorkerTripNumber	864.00	12.00
tblTripsAndVMT	WorkerTripNumber	864.00	4.00
tblTripsAndVMT	WorkerTripNumber	864.00	12.00
tblTripsAndVMT	WorkerTripNumber	864.00	4.00
tblTripsAndVMT	WorkerTripNumber	864.00	4.00
tblTripsAndVMT	WorkerTripNumber	864.00	4.00
tblTripsAndVMT	WorkerTripNumber	25.00	44.00
tblTripsAndVMT	WorkerTripNumber	864.00	144.00
tblTripsAndVMT	WorkerTripNumber	173.00	46.00

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

tblTripsAndVMT	WorkerTripNumber	864.00	238.00
tblTripsAndVMT	WorkerTripNumber	173.00	46.00
tblTripsAndVMT	WorkerTripNumber	864.00	238.00
tblTripsAndVMT	WorkerTripNumber	20.00	34.00
tblTripsAndVMT	WorkerTripNumber	50.00	64.00
tblTripsAndVMT	WorkerTripNumber	864.00	50.00
tblTripsAndVMT	WorkerTripNumber	3.00	8.00
tblTripsAndVMT	WorkerTripNumber	8.00	6.00
tblTripsAndVMT	WorkerTripNumber	864.00	8.00
tblVehicleTrips	CC_TL	7.30	59.00
tblVehicleTrips	CC_TL	7.30	59.00
tblVehicleTrips	CC_TL	7.30	59.00
tblVehicleTrips	CC_TL	7.30	59.00
tblVehicleTrips	CNW_TL	7.30	59.00
tblVehicleTrips	CNW_TL	7.30	59.00
tblVehicleTrips	CNW_TL	7.30	59.00
tblVehicleTrips	CNW_TL	7.30	59.00
tblVehicleTrips	CW_TL	9.50	59.00
tblVehicleTrips	CW_TL	9.50	59.00
tblVehicleTrips	CW_TL	9.50	59.00
tblVehicleTrips	CW_TL	9.50	59.00
tblVehicleTrips	ST_TR	8.14	0.53
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	7.19	0.53
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	68.93	0.00
tblVehicleTrips	WD_TR	12.94	0.40

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

tblVehicleTrips	WD_TR	1.68	0.00
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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	21.2709	213.2353	153.4719	0.3828	47.9671	5.9790	56.5988	23.6585	5.5007	31.6164	0.0000	36,814.27 47	36,814.27 47	11.5298	0.0000	37,102.52 07
2025	17.3762	153.3499	160.4689	0.3808	5.3106	5.8994	10.1121	1.1292	5.5448	6.6740	0.0000	36,561.28 45	36,561.28 45	7.5363	0.0000	36,749.69 25
2026	51.8492	47.1291	52.5623	0.1141	2.9284	1.9503	4.8787	0.7641	1.8214	2.5854	0.0000	10,995.41 40	10,995.41 40	2.4205	0.0000	11,055.925 8
2027	3.7712	30.3132	35.4419	0.0793	2.1361	1.2331	3.3692	0.5670	1.1495	1.7165	0.0000	7,692.756 9	7,692.756 9	1.5968	0.0000	7,732.675 6
2028	59.4448	38.7377	49.1454	0.1032	2.7241	1.6119	4.3360	0.7188	1.5282	2.2471	0.0000	9,968.769 1	9,968.769 1	1.7112	0.0000	10,011.549 8
Maximum	59.4448	213.2353	160.4689	0.3828	47.9671	5.9790	56.5988	23.6585	5.5448	31.6164	0.0000	36,814.27 47	36,814.27 47	11.5298	0.0000	37,102.52 07

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	47.1857	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246
Energy	1.4195	12.9046	10.8399	0.0774		0.9808	0.9808		0.9808	0.9808		15,485.5601	15,485.5601	0.2968	0.2839	15,577.5830
Mobile	6.8374	46.1641	114.1596	0.6410	58.3590	0.3785	58.7374	15.6186	0.3538	15.9723		65,530.0828	65,530.0828	2.2058		65,585.2277
Stationary	0.0821	0.2676	0.2977	3.9000e-004		0.0121	0.0121		0.0121	0.0121		41.9757	41.9757	5.8800e-003		42.1228
Total	55.5246	59.3412	125.8323	0.7189	58.3590	1.3732	59.7321	15.6186	1.3485	16.9671		81,058.7684	81,058.7684	2.5115	0.2839	81,206.1582

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	34.4836	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246
Energy	1.4195	12.9046	10.8399	0.0774		0.9808	0.9808		0.9808	0.9808		15,485.5601	15,485.5601	0.2968	0.2839	15,577.5830
Mobile	6.8374	46.1641	114.1596	0.6410	58.3590	0.3785	58.7374	15.6186	0.3538	15.9723		65,530.0828	65,530.0828	2.2058		65,585.2277
Stationary	0.0821	0.2676	0.2977	3.9000e-004		0.0121	0.0121		0.0121	0.0121		41.9757	41.9757	5.8800e-003		42.1228
Total	42.8226	59.3412	125.8323	0.7189	58.3590	1.3732	59.7321	15.6186	1.3485	16.9671		81,058.7684	81,058.7684	2.5115	0.2839	81,206.1582

	ROG	NOx	CO	SO2	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	22.88	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

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/27/2024	7/18/2024	5	16	
2	Grading	Grading	7/19/2024	9/12/2024	5	40	
3	Building Construction	Building Construction	9/13/2024	3/11/2026	5	389	
4	Util Site Preparation	Site Preparation	10/1/2024	11/6/2024	5	27	
5	Util Grading	Grading	11/7/2024	3/31/2025	5	103	
6	Util Construction	Building Construction	4/1/2025	8/5/2025	5	91	
7	Mobilization	Site Preparation	4/7/2025	4/18/2025	5	10	
8	General Site	Site Preparation	5/5/2025	11/28/2025	5	150	
9	Headworks	Building Construction	5/5/2025	11/7/2025	5	135	
10	Secondary	Building Construction	5/5/2025	10/24/2025	5	125	
11	Tertiary	Building Construction	5/5/2025	1/22/2026	5	189	
12	Disinfection	Building Construction	5/5/2025	10/10/2025	5	115	
13	Solids Handling	Building Construction	5/5/2025	11/7/2025	5	135	
14	Aeration	Building Construction	5/19/2025	9/5/2025	5	80	
15	EI&C	Building Construction	5/19/2025	3/6/2026	5	210	
16	Percolation ponds	Building Construction	5/19/2025	8/22/2025	5	70	
17	Util Paving	Paving	8/6/2025	9/30/2025	5	40	
18	Paving	Paving	3/12/2026	4/21/2026	5	29	
19	Demobilization	Building Construction	4/6/2026	4/17/2026	5	10	
20	Architectural Coating	Architectural Coating	4/22/2026	5/29/2026	5	28	
21	Phase 2 Building	Building Construction	1/2/2027	5/30/2028	5	367	
22	Phase 2 Architectural Coating	Architectural Coating	4/22/2028	5/29/2028	5	26	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 100

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

Acres of Paving: 18.95

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,427,920; Non-Residential Outdoor: 356,980; Striped Parking Area: 50,520 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	11.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	3	11.00	97	0.37
Grading	Excavators	0	11.00	158	0.38
Grading	Graders	5	11.00	187	0.41
Grading	Rollers	3	11.00	80	0.38
Grading	Rubber Tired Dozers	5	11.00	247	0.40
Grading	Scrapers	6	11.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Building Construction	Cranes	3	11.00	231	0.29
Building Construction	Forklifts	3	11.00	89	0.20
Building Construction	Generator Sets	1	11.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	4	11.00	97	0.37
Building Construction	Welders	1	11.00	46	0.45
Util Site Preparation	Crawler Tractors	1	11.00	212	0.43
Util Site Preparation	Excavators	2	11.00	85	0.78
Util Site Preparation	Rubber Tired Dozers	0	11.00	247	0.40
Util Site Preparation	Signal Boards	5	24.00	6	0.82
Util Site Preparation	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Util Grading	Crawler Tractors	1	11.00	212	0.43
Util Grading	Excavators	3	11.00	158	0.38
Util Grading	Graders	2	11.00	187	0.41

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

Util Grading	Rollers	2	11.00	80	0.38
Util Grading	Rubber Tired Dozers	0	11.00	247	0.40
Util Grading	Rubber Tired Loaders	1	11.00	203	0.36
Util Grading	Scrapers	2	11.00	367	0.48
Util Grading	Signal Boards	5	24.00	6	0.82
Util Grading	Tractors/Loaders/Backhoes	4	11.00	97	0.37
Util Construction	Air Compressors	1	11.00	78	0.48
Util Construction	Cranes	1	11.00	231	0.29
Util Construction	Forklifts	1	11.00	89	0.20
Util Construction	Generator Sets	1	11.00	84	0.74
Util Construction	Graders	1	11.00	187	0.41
Util Construction	Plate Compactors	1	11.00	8	0.43
Util Construction	Pumps	1	11.00	84	0.74
Util Construction	Scrapers	1	11.00	367	0.48
Util Construction	Signal Boards	5	24.00	6	0.82
Util Construction	Tractors/Loaders/Backhoes	3	11.00	97	0.37
Util Construction	Welders	0	11.00	46	0.45
Mobilization	Cranes	1	11.00	231	0.29
Mobilization	Rubber Tired Dozers	0	11.00	247	0.40
Mobilization	Tractors/Loaders/Backhoes	0	11.00	97	0.37
General Site	Pavers	1	11.00	130	0.42
General Site	Plate Compactors	1	11.00	8	0.43
General Site	Rubber Tired Dozers	0	11.00	247	0.40
General Site	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Headworks	Air Compressors	1	11.00	78	0.48
Headworks	Cranes	1	11.00	231	0.29
Headworks	Forklifts	2	11.00	89	0.20

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

Headworks	Generator Sets	1	11.00	84	0.74
Headworks	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Headworks	Welders	1	11.00	46	0.45
Secondary	Aerial Lifts	3	11.00	63	0.31
Secondary	Cranes	3	11.00	231	0.29
Secondary	Forklifts	0	11.00	89	0.20
Secondary	Generator Sets	0	11.00	84	0.74
Secondary	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Secondary	Welders	1	11.00	46	0.45
Tertiary	Air Compressors	1	11.00	78	0.48
Tertiary	Cranes	2	11.00	231	0.29
Tertiary	Forklifts	1	11.00	89	0.20
Tertiary	Generator Sets	0	11.00	84	0.74
Tertiary	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Tertiary	Welders	1	11.00	46	0.45
Disinfection	Cranes	1	11.00	231	0.29
Disinfection	Forklifts	1	11.00	89	0.20
Disinfection	Generator Sets	0	11.00	84	0.74
Disinfection	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Disinfection	Welders	1	11.00	46	0.45
Solids Handling	Cranes	1	11.00	231	0.29
Solids Handling	Forklifts	2	11.00	89	0.20
Solids Handling	Generator Sets	0	11.00	84	0.74
Solids Handling	Plate Compactors	1	11.00	8	0.43
Solids Handling	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Solids Handling	Welders	1	11.00	46	0.45
Aeration	Cranes	0	11.00	231	0.29

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

Aeration	Forklifts	1	11.00	89	0.20
Aeration	Generator Sets	0	11.00	84	0.74
Aeration	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Aeration	Welders	1	11.00	46	0.45
El&C	Cranes	0	11.00	231	0.29
El&C	Forklifts	1	11.00	89	0.20
El&C	Generator Sets	0	11.00	84	0.74
El&C	Tractors/Loaders/Backhoes	1	11.00	97	0.37
El&C	Welders	0	11.00	46	0.45
Percolation ponds	Cranes	0	11.00	231	0.29
Percolation ponds	Excavators	1	11.00	158	0.38
Percolation ponds	Forklifts	0	11.00	89	0.20
Percolation ponds	Generator Sets	0	11.00	84	0.74
Percolation ponds	Tractors/Loaders/Backhoes	0	11.00	97	0.37
Percolation ponds	Welders	0	11.00	46	0.45
Util Paving	Pavers	1	11.00	130	0.42
Util Paving	Paving Equipment	1	11.00	132	0.36
Util Paving	Rollers	2	11.00	80	0.38
Util Paving	Signal Boards	5	24.00	6	0.82
Util Paving	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Paving	Pavers	2	11.00	130	0.42
Paving	Paving Equipment	2	11.00	132	0.36
Paving	Rollers	2	11.00	80	0.38
Demobilization	Cranes	1	7.00	231	0.29
Demobilization	Forklifts	0	8.00	89	0.20
Demobilization	Generator Sets	0	8.00	84	0.74
Demobilization	Tractors/Loaders/Backhoes	0	7.00	97	0.37

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

Demobilization	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	4	11.00	78	0.48
Phase 2 Building	Cranes	3	11.00	231	0.29
Phase 2 Building	Forklifts	3	11.00	89	0.20
Phase 2 Building	Generator Sets	1	11.00	84	0.74
Phase 2 Building	Tractors/Loaders/Backhoes	4	11.00	97	0.37
Phase 2 Building	Welders	1	11.00	46	0.45
Phase 2 Architectural Coating	Air Compressors	4	11.00	78	0.48

Trips and VMT

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	19	48.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	238.00	0.00	2,890.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Site Preparation	8	34.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Grading	20	64.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Construction	16	50.00	0.00	200.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Mobilization	1	8.00	0.00	5.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
General Site	3	6.00	0.00	72.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Headworks	6	8.00	0.00	68.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Secondary	7	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Tertiary	5	12.00	0.00	38.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Disinfection	3	4.00	0.00	26.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Solids Handling	6	12.00	0.00	40.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Aeration	2	4.00	0.00	8.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
EI&C	2	4.00	0.00	44.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Percolation ponds	1	4.00	8.00	4,241.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Paving	10	44.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Demobilization	1	144.00	0.00	8.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	46.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Building	12	238.00	0.00	2,890.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Architectural Coating	4	46.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					24.8411	0.0000	24.8411	13.6547	0.0000	13.6547			0.0000			0.0000
Off-Road	3.4608	35.3757	22.1375	0.0481		1.5990	1.5990		1.4711	1.4711		4,656.084 4	4,656.084 4	1.5059		4,693.731 2
Total	3.4608	35.3757	22.1375	0.0481	24.8411	1.5990	26.4401	13.6547	1.4711	15.1257		4,656.084 4	4,656.084 4	1.5059		4,693.731 2

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0521	0.0307	0.3055	9.6000e-004	0.1232	7.2000e-004	0.1239	0.0327	6.7000e-004	0.0334		96.1372	96.1372	2.4000e-003		96.1973
Total	0.0521	0.0307	0.3055	9.6000e-004	0.1232	7.2000e-004	0.1239	0.0327	6.7000e-004	0.0334		96.1372	96.1372	2.4000e-003		96.1973

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.6880	0.0000	9.6880	5.3253	0.0000	5.3253			0.0000			0.0000
Off-Road	0.5879	2.5478	25.4745	0.0481		0.0784	0.0784		0.0784	0.0784	0.0000	4,656.084 4	4,656.084 4	1.5059		4,693.731 2
Total	0.5879	2.5478	25.4745	0.0481	9.6880	0.0784	9.7664	5.3253	0.0784	5.4037	0.0000	4,656.084 4	4,656.084 4	1.5059		4,693.731 2

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0521	0.0307	0.3055	9.6000e-004	0.1232	7.2000e-004	0.1239	0.0327	6.7000e-004	0.0334		96.1372	96.1372	2.4000e-003		96.1973
Total	0.0521	0.0307	0.3055	9.6000e-004	0.1232	7.2000e-004	0.1239	0.0327	6.7000e-004	0.0334		96.1372	96.1372	2.4000e-003		96.1973

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					44.0531	0.0000	44.0531	23.0441	0.0000	23.0441			0.0000			0.0000
Off-Road	14.0880	147.3504	89.7735	0.2402		5.9767	5.9767		5.4986	5.4986		23,257.3928	23,257.3928	7.5219		23,445.4406
Total	14.0880	147.3504	89.7735	0.2402	44.0531	5.9767	50.0298	23.0441	5.4986	28.5427		23,257.3928	23,257.3928	7.5219		23,445.4406

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1667	0.0981	0.9777	3.0900e-003	0.7370	2.3100e-003	0.7393	0.1887	2.1300e-003	0.1908		307.6390	307.6390	7.7000e-003		307.8314
Total	0.1667	0.0981	0.9777	3.0900e-003	0.7370	2.3100e-003	0.7393	0.1887	2.1300e-003	0.1908		307.6390	307.6390	7.7000e-003		307.8314

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					17.1807	0.0000	17.1807	8.9872	0.0000	8.9872			0.0000			0.0000
Off-Road	3.6377	37.4072	115.1009	0.2402		1.5436	1.5436		1.5436	1.5436	0.0000	23,257.3927	23,257.3927	7.5219		23,445.4405
Total	3.6377	37.4072	115.1009	0.2402	17.1807	1.5436	18.7244	8.9872	1.5436	10.5308	0.0000	23,257.3927	23,257.3927	7.5219		23,445.4405

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1667	0.0981	0.9777	3.0900e-003	0.7370	2.3100e-003	0.7393	0.1887	2.1300e-003	0.1908		307.6390	307.6390	7.7000e-003		307.8314
Total	0.1667	0.0981	0.9777	3.0900e-003	0.7370	2.3100e-003	0.7393	0.1887	2.1300e-003	0.1908		307.6390	307.6390	7.7000e-003		307.8314

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2649	31.4624	31.6416	0.0598		1.3950	1.3950		1.3008	1.3008		5,717.3789	5,717.3789	1.5436		5,755.9682
Total	3.2649	31.4624	31.6416	0.0598		1.3950	1.3950		1.3008	1.3008		5,717.3789	5,717.3789	1.5436		5,755.9682

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0291	1.0089	0.1907	5.5700e-003	0.5219	1.6900e-003	0.5236	0.1319	1.6200e-003	0.1335		584.4538	584.4538	0.0293		585.1852
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8267	0.4864	4.8480	0.0153	1.9551	0.0115	1.9666	0.5186	0.0106	0.5291		1,525.3768	1,525.3768	0.0382		1,526.3308
Total	0.8558	1.4953	5.0387	0.0209	2.4771	0.0132	2.4902	0.6505	0.0122	0.6626		2,109.8306	2,109.8306	0.0674		2,111.5160

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4543	21.7893	38.2095	0.0598		1.0601	1.0601		1.0601	1.0601	0.0000	5,717.3789	5,717.3789	1.5436		5,755.9682
Total	1.4543	21.7893	38.2095	0.0598		1.0601	1.0601		1.0601	1.0601	0.0000	5,717.3789	5,717.3789	1.5436		5,755.9682

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0291	1.0089	0.1907	5.5700e-003	0.5219	1.6900e-003	0.5236	0.1319	1.6200e-003	0.1335		584.4538	584.4538	0.0293		585.1852
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8267	0.4864	4.8480	0.0153	1.9551	0.0115	1.9666	0.5186	0.0106	0.5291		1,525.3768	1,525.3768	0.0382		1,526.3308
Total	0.8558	1.4953	5.0387	0.0209	2.4771	0.0132	2.4902	0.6505	0.0122	0.6626		2,109.8306	2,109.8306	0.0674		2,111.5160

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242
Total	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0288	0.9914	0.1895	5.5400e-003	0.1785	1.6700e-003	0.1801	0.0476	1.6000e-003	0.0492		580.8021	580.8021	0.0288		581.5229
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7792	0.4411	4.4635	0.0147	1.9551	0.0112	1.9663	0.5186	0.0103	0.5289		1,464.7740	1,464.7740	0.0344		1,465.6341
Total	0.8080	1.4325	4.6530	0.0202	2.1336	0.0129	2.1465	0.5662	0.0119	0.5781		2,045.5760	2,045.5760	0.0632		2,047.1570

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242
Total	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0288	0.9914	0.1895	5.5400e-003	0.1785	1.6700e-003	0.1801	0.0476	1.6000e-003	0.0492		580.8021	580.8021	0.0288		581.5229
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7792	0.4411	4.4635	0.0147	1.9551	0.0112	1.9663	0.5186	0.0103	0.5289		1,464.7740	1,464.7740	0.0344		1,465.6341
Total	0.8080	1.4325	4.6530	0.0202	2.1336	0.0129	2.1465	0.5662	0.0119	0.5781		2,045.5760	2,045.5760	0.0632		2,047.1570

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242
Total	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0286	0.9753	0.1887	5.5100e-003	0.7963	1.6500e-003	0.7979	0.1992	1.5700e-003	0.2008		577.5122	577.5122	0.0283		578.2196
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7377	0.4026	4.1331	0.0142	1.9551	0.0109	1.9660	0.5186	9.9900e-003	0.5286		1,411.5881	1,411.5881	0.0312		1,412.3673
Total	0.7663	1.3779	4.3218	0.0197	2.7514	0.0125	2.7639	0.7178	0.0116	0.7294		1,989.1003	1,989.1003	0.0595		1,990.5868

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242
Total	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0286	0.9753	0.1887	5.5100e-003	0.7963	1.6500e-003	0.7979	0.1992	1.5700e-003	0.2008		577.5122	577.5122	0.0283		578.2196
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7377	0.4026	4.1331	0.0142	1.9551	0.0109	1.9660	0.5186	9.9900e-003	0.5286		1,411.5881	1,411.5881	0.0312		1,412.3673
Total	0.7663	1.3779	4.3218	0.0197	2.7514	0.0125	2.7639	0.7178	0.0116	0.7294		1,989.1003	1,989.1003	0.0595		1,990.5868

3.5 Util Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.1421	19.1481	18.6482	0.0367		0.7921	0.7921		0.7455	0.7455		3,285.7986	3,285.7986	0.9003		3,308.3049
Total	2.1421	19.1481	18.6482	0.0367	0.0000	0.7921	0.7921	0.0000	0.7455	0.7455		3,285.7986	3,285.7986	0.9003		3,308.3049

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.5 Util Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1181	0.0695	0.6926	2.1900e-003	0.2793	1.6400e-003	0.2809	0.0741	1.5100e-003	0.0756		217.9110	217.9110	5.4500e-003		218.0473
Total	0.1181	0.0695	0.6926	2.1900e-003	0.2793	1.6400e-003	0.2809	0.0741	1.5100e-003	0.0756		217.9110	217.9110	5.4500e-003		218.0473

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.5115	19.3310	22.1611	0.0367		1.0215	1.0215		1.0215	1.0215	0.0000	3,285.7986	3,285.7986	0.9003		3,308.3049
Total	1.5115	19.3310	22.1611	0.0367	0.0000	1.0215	1.0215	0.0000	1.0215	1.0215	0.0000	3,285.7986	3,285.7986	0.9003		3,308.3049

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.5 Util Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1181	0.0695	0.6926	2.1900e-003	0.2793	1.6400e-003	0.2809	0.0741	1.5100e-003	0.0756		217.9110	217.9110	5.4500e-003		218.0473
Total	0.1181	0.0695	0.6926	2.1900e-003	0.2793	1.6400e-003	0.2809	0.0741	1.5100e-003	0.0756		217.9110	217.9110	5.4500e-003		218.0473

3.6 Util Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	6.7938	65.6559	61.4171	0.1354		2.6496	2.6496		2.4544	2.4544		12,839.0576	12,839.0576	3.9900		12,938.8069
Total	6.7938	65.6559	61.4171	0.1354	2.6513	2.6496	5.3008	0.2863	2.4544	2.7407		12,839.0576	12,839.0576	3.9900		12,938.8069

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.6 Util Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2223	0.1308	1.3037	4.1200e-003	0.5257	3.0800e-003	0.5288	0.1395	2.8400e-003	0.1423		410.1854	410.1854	0.0103		410.4419
Total	0.2223	0.1308	1.3037	4.1200e-003	0.5257	3.0800e-003	0.5288	0.1395	2.8400e-003	0.1423		410.1854	410.1854	0.0103		410.4419

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0340	0.0000	1.0340	0.1117	0.0000	0.1117			0.0000			0.0000
Off-Road	3.2072	40.5595	77.8350	0.1354		1.7558	1.7558		1.7558	1.7558	0.0000	12,839.0576	12,839.0576	3.9900		12,938.8068
Total	3.2072	40.5595	77.8350	0.1354	1.0340	1.7558	2.7898	0.1117	1.7558	1.8675	0.0000	12,839.0576	12,839.0576	3.9900		12,938.8068

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.6 Util Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2223	0.1308	1.3037	4.1200e-003	0.5257	3.0800e-003	0.5288	0.1395	2.8400e-003	0.1423		410.1854	410.1854	0.0103		410.4419
Total	0.2223	0.1308	1.3037	4.1200e-003	0.5257	3.0800e-003	0.5288	0.1395	2.8400e-003	0.1423		410.1854	410.1854	0.0103		410.4419

3.6 Util Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	6.1842	56.7649	59.3983	0.1354		2.2475	2.2475		2.0845	2.0845		12,836.9871	12,836.9871	3.9893		12,936.7197
Total	6.1842	56.7649	59.3983	0.1354	2.6513	2.2475	4.8988	0.2863	2.0845	2.3708		12,836.9871	12,836.9871	3.9893		12,936.7197

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.6 Util Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2095	0.1186	1.2003	3.9500e-003	0.5257	3.0200e-003	0.5288	0.1395	2.7800e-003	0.1422		393.8888	393.8888	9.2500e-003		394.1201
Total	0.2095	0.1186	1.2003	3.9500e-003	0.5257	3.0200e-003	0.5288	0.1395	2.7800e-003	0.1422		393.8888	393.8888	9.2500e-003		394.1201

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0340	0.0000	1.0340	0.1117	0.0000	0.1117			0.0000			0.0000
Off-Road	3.2072	40.5595	77.8350	0.1354		1.7558	1.7558		1.7558	1.7558	0.0000	12,836.9871	12,836.9871	3.9893		12,936.7197
Total	3.2072	40.5595	77.8350	0.1354	1.0340	1.7558	2.7898	0.1117	1.7558	1.8675	0.0000	12,836.9871	12,836.9871	3.9893		12,936.7197

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.6 Util Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2095	0.1186	1.2003	3.9500e-003	0.5257	3.0200e-003	0.5288	0.1395	2.7800e-003	0.1422		393.8888	393.8888	9.2500e-003		394.1201
Total	0.2095	0.1186	1.2003	3.9500e-003	0.5257	3.0200e-003	0.5288	0.1395	2.7800e-003	0.1422		393.8888	393.8888	9.2500e-003		394.1201

3.7 Util Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.4346	38.9680	40.9960	0.0875		1.5536	1.5536		1.4763	1.4763		8,133.3861	8,133.3861	1.8311		8,179.1640
Total	4.4346	38.9680	40.9960	0.0875		1.5536	1.5536		1.4763	1.4763		8,133.3861	8,133.3861	1.8311		8,179.1640

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.7 Util Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5300e-003	0.2933	0.0561	1.6400e-003	0.0386	4.9000e-004	0.0390	0.0106	4.7000e-004	0.0111		171.8179	171.8179	8.5300e-003		172.0312
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1637	0.0927	0.9377	3.0900e-003	0.4107	2.3600e-003	0.4131	0.1090	2.1700e-003	0.1111		307.7256	307.7256	7.2300e-003		307.9063
Total	0.1722	0.3860	0.9938	4.7300e-003	0.4493	2.8500e-003	0.4521	0.1195	2.6400e-003	0.1222		479.5436	479.5436	0.0158		479.9375

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4734	27.1526	48.9912	0.0875		1.3408	1.3408		1.3408	1.3408	0.0000	8,133.3861	8,133.3861	1.8311		8,179.1640
Total	2.4734	27.1526	48.9912	0.0875		1.3408	1.3408		1.3408	1.3408	0.0000	8,133.3861	8,133.3861	1.8311		8,179.1640

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.7 Util Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5300e-003	0.2933	0.0561	1.6400e-003	0.0386	4.9000e-004	0.0390	0.0106	4.7000e-004	0.0111		171.8179	171.8179	8.5300e-003		172.0312
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1637	0.0927	0.9377	3.0900e-003	0.4107	2.3600e-003	0.4131	0.1090	2.1700e-003	0.1111		307.7256	307.7256	7.2300e-003		307.9063
Total	0.1722	0.3860	0.9938	4.7300e-003	0.4493	2.8500e-003	0.4521	0.1195	2.6400e-003	0.1222		479.5436	479.5436	0.0158		479.9375

3.8 Mobilization - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4301	4.3559	2.3876	7.9400e-003		0.1852	0.1852		0.1704	0.1704		768.3861	768.3861	0.2485		774.5989
Total	0.4301	4.3559	2.3876	7.9400e-003	0.0000	0.1852	0.1852	0.0000	0.1704	0.1704		768.3861	768.3861	0.2485		774.5989

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.8 Mobilization - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9400e-003	0.0667	0.0128	3.7000e-004	8.7700e-003	1.1000e-004	8.8800e-003	2.4100e-003	1.1000e-004	2.5100e-003		39.0886	39.0886	1.9400e-003		39.1371
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0262	0.0148	0.1500	4.9000e-004	0.0657	3.8000e-004	0.0661	0.0174	3.5000e-004	0.0178		49.2361	49.2361	1.1600e-003		49.2650
Total	0.0281	0.0816	0.1628	8.6000e-004	0.0745	4.9000e-004	0.0750	0.0198	4.6000e-004	0.0203		88.3247	88.3247	3.1000e-003		88.4021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1950	3.7690	4.2239	7.9400e-003		0.1430	0.1430		0.1430	0.1430	0.0000	768.3861	768.3861	0.2485		774.5989
Total	0.1950	3.7690	4.2239	7.9400e-003	0.0000	0.1430	0.1430	0.0000	0.1430	0.1430	0.0000	768.3861	768.3861	0.2485		774.5989

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.8 Mobilization - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9400e-003	0.0667	0.0128	3.7000e-004	8.7700e-003	1.1000e-004	8.8800e-003	2.4100e-003	1.1000e-004	2.5100e-003		39.0886	39.0886	1.9400e-003		39.1371
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0262	0.0148	0.1500	4.9000e-004	0.0657	3.8000e-004	0.0661	0.0174	3.5000e-004	0.0178		49.2361	49.2361	1.1600e-003		49.2650
Total	0.0281	0.0816	0.1628	8.6000e-004	0.0745	4.9000e-004	0.0750	0.0198	4.6000e-004	0.0203		88.3247	88.3247	3.1000e-003		88.4021

3.9 General Site - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4758	4.3581	7.3369	0.0114		0.1898	0.1898		0.1756	0.1756		1,088.3517	1,088.3517	0.3416		1,096.8913
Total	0.4758	4.3581	7.3369	0.0114	0.0000	0.1898	0.1898	0.0000	0.1756	0.1756		1,088.3517	1,088.3517	0.3416		1,096.8913

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.9 General Site - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.8600e-003	0.0641	0.0122	3.6000e-004	8.4200e-003	1.1000e-004	8.5300e-003	2.3100e-003	1.0000e-004	2.4100e-003		37.5250	37.5250	1.8600e-003		37.5716
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0196	0.0111	0.1125	3.7000e-004	0.0493	2.8000e-004	0.0496	0.0131	2.6000e-004	0.0133		36.9271	36.9271	8.7000e-004		36.9488
Total	0.0215	0.0752	0.1248	7.3000e-004	0.0577	3.9000e-004	0.0581	0.0154	3.6000e-004	0.0157		74.4521	74.4521	2.7300e-003		74.5204

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2663	3.6437	8.4089	0.0114		0.1687	0.1687		0.1687	0.1687	0.0000	1,088.3517	1,088.3517	0.3416		1,096.8913
Total	0.2663	3.6437	8.4089	0.0114	0.0000	0.1687	0.1687	0.0000	0.1687	0.1687	0.0000	1,088.3517	1,088.3517	0.3416		1,096.8913

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.9 General Site - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.8600e-003	0.0641	0.0122	3.6000e-004	8.4200e-003	1.1000e-004	8.5300e-003	2.3100e-003	1.0000e-004	2.4100e-003		37.5250	37.5250	1.8600e-003		37.5716
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0196	0.0111	0.1125	3.7000e-004	0.0493	2.8000e-004	0.0496	0.0131	2.6000e-004	0.0133		36.9271	36.9271	8.7000e-004		36.9488
Total	0.0215	0.0752	0.1248	7.3000e-004	0.0577	3.9000e-004	0.0581	0.0154	3.6000e-004	0.0157		74.4521	74.4521	2.7300e-003		74.5204

3.10 Headworks - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6508	13.8461	16.1250	0.0302		0.5875	0.5875		0.5630	0.5630		2,833.4134	2,833.4134	0.4671		2,845.0904
Total	1.6508	13.8461	16.1250	0.0302		0.5875	0.5875		0.5630	0.5630		2,833.4134	2,833.4134	0.4671		2,845.0904

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.10 Headworks - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9600e-003	0.0672	0.0129	3.8000e-004	8.8300e-003	1.1000e-004	8.9500e-003	2.4200e-003	1.1000e-004	2.5300e-003		39.3781	39.3781	1.9500e-003		39.4270
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0262	0.0148	0.1500	4.9000e-004	0.0657	3.8000e-004	0.0661	0.0174	3.5000e-004	0.0178		49.2361	49.2361	1.1600e-003		49.2650
Total	0.0282	0.0821	0.1629	8.7000e-004	0.0746	4.9000e-004	0.0751	0.0199	4.6000e-004	0.0203		88.6142	88.6142	3.1100e-003		88.6920

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0949	14.2103	18.5835	0.0302		0.7488	0.7488		0.7488	0.7488	0.0000	2,833.4134	2,833.4134	0.4671		2,845.0904
Total	1.0949	14.2103	18.5835	0.0302		0.7488	0.7488		0.7488	0.7488	0.0000	2,833.4134	2,833.4134	0.4671		2,845.0904

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.10 Headworks - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9600e-003	0.0672	0.0129	3.8000e-004	8.8300e-003	1.1000e-004	8.9500e-003	2.4200e-003	1.1000e-004	2.5300e-003		39.3781	39.3781	1.9500e-003		39.4270
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0262	0.0148	0.1500	4.9000e-004	0.0657	3.8000e-004	0.0661	0.0174	3.5000e-004	0.0178		49.2361	49.2361	1.1600e-003		49.2650
Total	0.0282	0.0821	0.1629	8.7000e-004	0.0746	4.9000e-004	0.0751	0.0199	4.6000e-004	0.0203		88.6142	88.6142	3.1100e-003		88.6920

3.11 Secondary - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7329	17.0597	13.9344	0.0343		0.6484	0.6484		0.6011	0.6011		3,261.2470	3,261.2470	0.9896		3,285.9869
Total	1.7329	17.0597	13.9344	0.0343		0.6484	0.6484		0.6011	0.6011		3,261.2470	3,261.2470	0.9896		3,285.9869

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.11 Secondary - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0131	7.4100e-003	0.0750	2.5000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		24.6181	24.6181	5.8000e-004		24.6325
Total	0.0131	7.4100e-003	0.0750	2.5000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		24.6181	24.6181	5.8000e-004		24.6325

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0274	15.2989	19.4431	0.0343		0.5218	0.5218		0.5189	0.5189	0.0000	3,261.2470	3,261.2470	0.9896		3,285.9869
Total	1.0274	15.2989	19.4431	0.0343		0.5218	0.5218		0.5189	0.5189	0.0000	3,261.2470	3,261.2470	0.9896		3,285.9869

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.11 Secondary - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0131	7.4100e-003	0.0750	2.5000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		24.6181	24.6181	5.8000e-004		24.6325
Total	0.0131	7.4100e-003	0.0750	2.5000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		24.6181	24.6181	5.8000e-004		24.6325

3.12 Tertiary - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5951	13.7827	11.9219	0.0269		0.5812	0.5812		0.5468	0.5468		2,541.5845	2,541.5845	0.6181		2,557.0372
Total	1.5951	13.7827	11.9219	0.0269		0.5812	0.5812		0.5468	0.5468		2,541.5845	2,541.5845	0.6181		2,557.0372

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.12 Tertiary - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.8000e-004	0.0268	5.1300e-003	1.5000e-004	3.7700e-003	5.0000e-005	3.8200e-003	1.0300e-003	4.0000e-005	1.0700e-003		15.7182	15.7182	7.8000e-004		15.7377
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0393	0.0222	0.2251	7.4000e-004	0.0986	5.7000e-004	0.0991	0.0262	5.2000e-004	0.0267		73.8542	73.8542	1.7300e-003		73.8975
Total	0.0401	0.0491	0.2302	8.9000e-004	0.1024	6.2000e-004	0.1030	0.0272	5.6000e-004	0.0277		89.5723	89.5723	2.5100e-003		89.6352

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0571	12.6662	15.6327	0.0269		0.5195	0.5195		0.5195	0.5195	0.0000	2,541.5845	2,541.5845	0.6181		2,557.0372
Total	1.0571	12.6662	15.6327	0.0269		0.5195	0.5195		0.5195	0.5195	0.0000	2,541.5845	2,541.5845	0.6181		2,557.0372

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.12 Tertiary - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.8000e-004	0.0268	5.1300e-003	1.5000e-004	3.7700e-003	5.0000e-005	3.8200e-003	1.0300e-003	4.0000e-005	1.0700e-003		15.7182	15.7182	7.8000e-004		15.7377
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0393	0.0222	0.2251	7.4000e-004	0.0986	5.7000e-004	0.0991	0.0262	5.2000e-004	0.0267		73.8542	73.8542	1.7300e-003		73.8975
Total	0.0401	0.0491	0.2302	8.9000e-004	0.1024	6.2000e-004	0.1030	0.0272	5.6000e-004	0.0277		89.5723	89.5723	2.5100e-003		89.6352

3.12 Tertiary - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5951	13.7827	11.9219	0.0269		0.5812	0.5812		0.5468	0.5468		2,541.5845	2,541.5845	0.6181		2,557.0372
Total	1.5951	13.7827	11.9219	0.0269		0.5812	0.5812		0.5468	0.5468		2,541.5845	2,541.5845	0.6181		2,557.0372

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.12 Tertiary - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.7000e-004	0.0264	5.1100e-003	1.5000e-004	0.0323	4.0000e-005	0.0323	8.0200e-003	4.0000e-005	8.0600e-003		15.6291	15.6291	7.7000e-004		15.6483
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0372	0.0203	0.2084	7.1000e-004	0.0986	5.5000e-004	0.0991	0.0262	5.0000e-004	0.0267		71.1725	71.1725	1.5700e-003		71.2118
Total	0.0380	0.0467	0.2135	8.6000e-004	0.1309	5.9000e-004	0.1314	0.0342	5.4000e-004	0.0347		86.8016	86.8016	2.3400e-003		86.8601

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0571	12.6662	15.6327	0.0269		0.5195	0.5195		0.5195	0.5195	0.0000	2,541.5845	2,541.5845	0.6181		2,557.0372
Total	1.0571	12.6662	15.6327	0.0269		0.5195	0.5195		0.5195	0.5195	0.0000	2,541.5845	2,541.5845	0.6181		2,557.0372

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.12 Tertiary - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.7000e-004	0.0264	5.1100e-003	1.5000e-004	0.0323	4.0000e-005	0.0323	8.0200e-003	4.0000e-005	8.0600e-003		15.6291	15.6291	7.7000e-004		15.6483
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0372	0.0203	0.2084	7.1000e-004	0.0986	5.5000e-004	0.0991	0.0262	5.0000e-004	0.0267		71.1725	71.1725	1.5700e-003		71.2118
Total	0.0380	0.0467	0.2135	8.6000e-004	0.1309	5.9000e-004	0.1314	0.0342	5.4000e-004	0.0347		86.8016	86.8016	2.3400e-003		86.8601

3.13 Disinfection - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8518	7.3267	6.2176	0.0136		0.3016	0.3016		0.2820	0.2820		1,257.2103	1,257.2103	0.3415		1,265.7466
Total	0.8518	7.3267	6.2176	0.0136		0.3016	0.3016		0.2820	0.2820		1,257.2103	1,257.2103	0.3415		1,265.7466

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.13 Disinfection - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.8000e-004	0.0302	5.7700e-003	1.7000e-004	3.9700e-003	5.0000e-005	4.0200e-003	1.0900e-003	5.0000e-005	1.1400e-003		17.6748	17.6748	8.8000e-004		17.6968
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0131	7.4100e-003	0.0750	2.5000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		24.6181	24.6181	5.8000e-004		24.6325
Total	0.0140	0.0376	0.0808	4.2000e-004	0.0368	2.4000e-004	0.0371	9.8100e-003	2.2000e-004	0.0100		42.2929	42.2929	1.4600e-003		42.3293

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5490	6.7971	8.0920	0.0136		0.2821	0.2821		0.2821	0.2821	0.0000	1,257.2103	1,257.2103	0.3415		1,265.7466
Total	0.5490	6.7971	8.0920	0.0136		0.2821	0.2821		0.2821	0.2821	0.0000	1,257.2103	1,257.2103	0.3415		1,265.7466

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.13 Disinfection - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.8000e-004	0.0302	5.7700e-003	1.7000e-004	3.9700e-003	5.0000e-005	4.0200e-003	1.0900e-003	5.0000e-005	1.1400e-003		17.6748	17.6748	8.8000e-004		17.6968
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0131	7.4100e-003	0.0750	2.5000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		24.6181	24.6181	5.8000e-004		24.6325
Total	0.0140	0.0376	0.0808	4.2000e-004	0.0368	2.4000e-004	0.0371	9.8100e-003	2.2000e-004	0.0100		42.2929	42.2929	1.4600e-003		42.3293

3.14 Solids Handling - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2081	10.6335	11.1316	0.0206		0.4497	0.4497		0.4193	0.4193		1,923.4887	1,923.4887	0.5465		1,937.1518
Total	1.2081	10.6335	11.1316	0.0206		0.4497	0.4497		0.4193	0.4193		1,923.4887	1,923.4887	0.5465		1,937.1518

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.14 Solids Handling - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1500e-003	0.0395	7.5600e-003	2.2000e-004	5.2000e-003	7.0000e-005	5.2600e-003	1.4300e-003	6.0000e-005	1.4900e-003		23.1636	23.1636	1.1500e-003		23.1924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0393	0.0222	0.2251	7.4000e-004	0.0986	5.7000e-004	0.0991	0.0262	5.2000e-004	0.0267		73.8542	73.8542	1.7300e-003		73.8975
Total	0.0404	0.0618	0.2326	9.6000e-004	0.1038	6.4000e-004	0.1044	0.0276	5.8000e-004	0.0282		97.0178	97.0178	2.8800e-003		97.0899

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7081	8.5517	13.1989	0.0206		0.3853	0.3853		0.3853	0.3853	0.0000	1,923.4887	1,923.4887	0.5465		1,937.1518
Total	0.7081	8.5517	13.1989	0.0206		0.3853	0.3853		0.3853	0.3853	0.0000	1,923.4887	1,923.4887	0.5465		1,937.1518

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.14 Solids Handling - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1500e-003	0.0395	7.5600e-003	2.2000e-004	5.2000e-003	7.0000e-005	5.2600e-003	1.4300e-003	6.0000e-005	1.4900e-003		23.1636	23.1636	1.1500e-003		23.1924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0393	0.0222	0.2251	7.4000e-004	0.0986	5.7000e-004	0.0991	0.0262	5.2000e-004	0.0267		73.8542	73.8542	1.7300e-003		73.8975
Total	0.0404	0.0618	0.2326	9.6000e-004	0.1038	6.4000e-004	0.1044	0.0276	5.8000e-004	0.0282		97.0178	97.0178	2.8800e-003		97.0899

3.15 Aeration - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4217	2.9708	3.8299	5.6200e-003		0.1165	0.1165		0.1117	0.1117		488.8243	488.8243	0.0929		491.1477
Total	0.4217	2.9708	3.8299	5.6200e-003		0.1165	0.1165		0.1117	0.1117		488.8243	488.8243	0.0929		491.1477

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.15 Aeration - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.9000e-004	0.0133	2.5500e-003	7.0000e-005	1.7500e-003	2.0000e-005	1.7800e-003	4.8000e-004	2.0000e-005	5.0000e-004		7.8177	7.8177	3.9000e-004		7.8274
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0131	7.4100e-003	0.0750	2.5000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		24.6181	24.6181	5.8000e-004		24.6325
Total	0.0135	0.0208	0.0776	3.2000e-004	0.0346	2.1000e-004	0.0348	9.2000e-003	1.9000e-004	9.3900e-003		32.4358	32.4358	9.7000e-004		32.4599

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3540	3.0281	3.8682	5.6200e-003		0.1391	0.1391		0.1391	0.1391	0.0000	488.8243	488.8243	0.0929		491.1477
Total	0.3540	3.0281	3.8682	5.6200e-003		0.1391	0.1391		0.1391	0.1391	0.0000	488.8243	488.8243	0.0929		491.1477

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.15 Aeration - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.9000e-004	0.0133	2.5500e-003	7.0000e-005	1.7500e-003	2.0000e-005	1.7800e-003	4.8000e-004	2.0000e-005	5.0000e-004		7.8177	7.8177	3.9000e-004		7.8274
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0131	7.4100e-003	0.0750	2.5000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		24.6181	24.6181	5.8000e-004		24.6325
Total	0.0135	0.0208	0.0776	3.2000e-004	0.0346	2.1000e-004	0.0348	9.2000e-003	1.9000e-004	9.3900e-003		32.4358	32.4358	9.7000e-004		32.4599

3.16 EI&C - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3012	2.9612	4.6247	6.3900e-003		0.1346	0.1346		0.1239	0.1239		618.8692	618.8692	0.2002		623.8731
Total	0.3012	2.9612	4.6247	6.3900e-003		0.1346	0.1346		0.1239	0.1239		618.8692	618.8692	0.2002		623.8731

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.16 EI&C - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.1000e-004	0.0280	5.3400e-003	1.6000e-004	4.4700e-003	5.0000e-005	4.5200e-003	1.2000e-003	5.0000e-005	1.2500e-003		16.3800	16.3800	8.1000e-004		16.4003
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0131	7.4100e-003	0.0750	2.5000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		24.6181	24.6181	5.8000e-004		24.6325
Total	0.0139	0.0354	0.0804	4.1000e-004	0.0373	2.4000e-004	0.0376	9.9200e-003	2.2000e-004	0.0101		40.9980	40.9980	1.3900e-003		41.0328

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1040	1.4091	4.8175	6.3900e-003		0.0898	0.0898		0.0898	0.0898	0.0000	618.8692	618.8692	0.2002		623.8731
Total	0.1040	1.4091	4.8175	6.3900e-003		0.0898	0.0898		0.0898	0.0898	0.0000	618.8692	618.8692	0.2002		623.8731

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.16 EI&C - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.1000e-004	0.0280	5.3400e-003	1.6000e-004	4.4700e-003	5.0000e-005	4.5200e-003	1.2000e-003	5.0000e-005	1.2500e-003		16.3800	16.3800	8.1000e-004		16.4003
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0131	7.4100e-003	0.0750	2.5000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		24.6181	24.6181	5.8000e-004		24.6325
Total	0.0139	0.0354	0.0804	4.1000e-004	0.0373	2.4000e-004	0.0376	9.9200e-003	2.2000e-004	0.0101		40.9980	40.9980	1.3900e-003		41.0328

3.16 EI&C - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3012	2.9612	4.6247	6.3900e-003		0.1346	0.1346		0.1239	0.1239		618.8692	618.8692	0.2002		623.8731
Total	0.3012	2.9612	4.6247	6.3900e-003		0.1346	0.1346		0.1239	0.1239		618.8692	618.8692	0.2002		623.8731

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.16 EI&C - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.1000e-004	0.0275	5.3200e-003	1.6000e-004	0.0133	5.0000e-005	0.0133	3.3700e-003	4.0000e-005	3.4100e-003		16.2872	16.2872	8.0000e-004		16.3071
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0124	6.7700e-003	0.0695	2.4000e-004	0.0329	1.8000e-004	0.0330	8.7200e-003	1.7000e-004	8.8800e-003		23.7242	23.7242	5.2000e-004		23.7373
Total	0.0132	0.0343	0.0748	4.0000e-004	0.0461	2.3000e-004	0.0464	0.0121	2.1000e-004	0.0123		40.0114	40.0114	1.3200e-003		40.0444

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1040	1.4091	4.8175	6.3900e-003		0.0898	0.0898		0.0898	0.0898	0.0000	618.8692	618.8692	0.2002		623.8731
Total	0.1040	1.4091	4.8175	6.3900e-003		0.0898	0.0898		0.0898	0.0898	0.0000	618.8692	618.8692	0.2002		623.8731

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.16 EI&C - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.1000e-004	0.0275	5.3200e-003	1.6000e-004	0.0133	5.0000e-005	0.0133	3.3700e-003	4.0000e-005	3.4100e-003		16.2872	16.2872	8.0000e-004		16.3071
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0124	6.7700e-003	0.0695	2.4000e-004	0.0329	1.8000e-004	0.0330	8.7200e-003	1.7000e-004	8.8800e-003		23.7242	23.7242	5.2000e-004		23.7373
Total	0.0132	0.0343	0.0748	4.0000e-004	0.0461	2.3000e-004	0.0464	0.0121	2.1000e-004	0.0123		40.0114	40.0114	1.3200e-003		40.0444

3.17 Percolation ponds - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2298	1.6798	4.4816	7.1100e-003		0.0824	0.0824		0.0758	0.0758		687.9646	687.9646	0.2225		693.5271
Total	0.2298	1.6798	4.4816	7.1100e-003		0.0824	0.0824		0.0758	0.0758		687.9646	687.9646	0.2225		693.5271

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.17 Percolation ponds - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2352	8.0849	1.5452	0.0452	1.0626	0.0136	1.0762	0.2915	0.0130	0.3046		4,736.4193	4,736.4193	0.2351		4,742.2978
Vendor	0.0174	0.5571	0.1325	2.2200e-003	0.0543	5.2000e-004	0.0548	0.0156	5.0000e-004	0.0161		231.7396	231.7396	0.0158		232.1357
Worker	0.0131	7.4100e-003	0.0750	2.5000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		24.6181	24.6181	5.8000e-004		24.6325
Total	0.2656	8.6493	1.7528	0.0476	1.1497	0.0143	1.1641	0.3159	0.0137	0.3296		4,992.7770	4,992.7770	0.2516		4,999.0659

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1747	3.3780	5.3873	7.1100e-003		0.1631	0.1631		0.1631	0.1631	0.0000	687.9646	687.9646	0.2225		693.5271
Total	0.1747	3.3780	5.3873	7.1100e-003		0.1631	0.1631		0.1631	0.1631	0.0000	687.9646	687.9646	0.2225		693.5271

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.17 Percolation ponds - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2352	8.0849	1.5452	0.0452	1.0626	0.0136	1.0762	0.2915	0.0130	0.3046		4,736.4193	4,736.4193	0.2351		4,742.2978
Vendor	0.0174	0.5571	0.1325	2.2200e-003	0.0543	5.2000e-004	0.0548	0.0156	5.0000e-004	0.0161		231.7396	231.7396	0.0158		232.1357
Worker	0.0131	7.4100e-003	0.0750	2.5000e-004	0.0329	1.9000e-004	0.0331	8.7200e-003	1.7000e-004	8.8900e-003		24.6181	24.6181	5.8000e-004		24.6325
Total	0.2656	8.6493	1.7528	0.0476	1.1497	0.0143	1.1641	0.3159	0.0137	0.3296		4,992.7770	4,992.7770	0.2516		4,999.0659

3.18 Util Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8595	15.1110	20.1427	0.0340		0.6715	0.6715		0.6345	0.6345		3,021.5025	3,021.5025	0.8148		3,041.8718
Paving	1.2412					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.1007	15.1110	20.1427	0.0340		0.6715	0.6715		0.6345	0.6345		3,021.5025	3,021.5025	0.8148		3,041.8718

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.18 Util Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1441	0.0816	0.8252	2.7200e-003	0.3615	2.0800e-003	0.3635	0.0959	1.9100e-003	0.0978		270.7986	270.7986	6.3600e-003		270.9576
Total	0.1441	0.0816	0.8252	2.7200e-003	0.3615	2.0800e-003	0.3635	0.0959	1.9100e-003	0.0978		270.7986	270.7986	6.3600e-003		270.9576

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3867	15.4030	22.3541	0.0340		0.7770	0.7770		0.7770	0.7770	0.0000	3,021.5025	3,021.5025	0.8148		3,041.8718
Paving	1.2412					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6279	15.4030	22.3541	0.0340		0.7770	0.7770		0.7770	0.7770	0.0000	3,021.5025	3,021.5025	0.8148		3,041.8718

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.18 Util Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1441	0.0816	0.8252	2.7200e-003	0.3615	2.0800e-003	0.3635	0.0959	1.9100e-003	0.0978		270.7986	270.7986	6.3600e-003		270.9576
Total	0.1441	0.0816	0.8252	2.7200e-003	0.3615	2.0800e-003	0.3635	0.0959	1.9100e-003	0.0978		270.7986	270.7986	6.3600e-003		270.9576

3.19 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2583	11.7998	20.0447	0.0314		0.5755	0.5755		0.5294	0.5294		3,034.2746	3,034.2746	0.9814		3,058.8082
Paving	1.7120					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.9704	11.7998	20.0447	0.0314		0.5755	0.5755		0.5294	0.5294		3,034.2746	3,034.2746	0.9814		3,058.8082

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.19 Paving - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0465	0.0254	0.2605	8.9000e-004	0.1232	6.8000e-004	0.1239	0.0327	6.3000e-004	0.0333		88.9656	88.9656	1.9600e-003		89.0147
Total	0.0465	0.0254	0.2605	8.9000e-004	0.1232	6.8000e-004	0.1239	0.0327	6.3000e-004	0.0333		88.9656	88.9656	1.9600e-003		89.0147

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7713	15.5309	23.7816	0.0314		0.8378	0.8378		0.8378	0.8378	0.0000	3,034.2746	3,034.2746	0.9814		3,058.8082
Paving	1.7120					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.4833	15.5309	23.7816	0.0314		0.8378	0.8378		0.8378	0.8378	0.0000	3,034.2746	3,034.2746	0.9814		3,058.8082

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.19 Paving - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0465	0.0254	0.2605	8.9000e-004	0.1232	6.8000e-004	0.1239	0.0327	6.3000e-004	0.0333		88.9656	88.9656	1.9600e-003		89.0147
Total	0.0465	0.0254	0.2605	8.9000e-004	0.1232	6.8000e-004	0.1239	0.0327	6.3000e-004	0.0333		88.9656	88.9656	1.9600e-003		89.0147

3.20 Demobilization - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2737	2.7720	1.5194	5.0500e-003		0.1178	0.1178		0.1084	0.1084		488.9730	488.9730	0.1581		492.9266
Total	0.2737	2.7720	1.5194	5.0500e-003		0.1178	0.1178		0.1084	0.1084		488.9730	488.9730	0.1581		492.9266

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.20 Demobilization - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.0800e-003	0.1050	0.0203	5.9000e-004	0.0140	1.8000e-004	0.0142	3.8500e-003	1.7000e-004	4.0200e-003		62.1875	62.1875	3.0500e-003		62.2636
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4464	0.2436	2.5007	8.5600e-003	1.1829	6.5700e-003	1.1895	0.3138	6.0500e-003	0.3198		854.0701	854.0701	0.0189		854.5415
Total	0.4494	0.3486	2.5210	9.1500e-003	1.1970	6.7500e-003	1.2037	0.3176	6.2200e-003	0.3238		916.2576	916.2576	0.0219		916.8052

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1241	2.3985	2.6879	5.0500e-003		0.0910	0.0910		0.0910	0.0910	0.0000	488.9730	488.9730	0.1581		492.9266
Total	0.1241	2.3985	2.6879	5.0500e-003		0.0910	0.0910		0.0910	0.0910	0.0000	488.9730	488.9730	0.1581		492.9266

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.20 Demobilization - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.0800e-003	0.1050	0.0203	5.9000e-004	0.0140	1.8000e-004	0.0142	3.8500e-003	1.7000e-004	4.0200e-003		62.1875	62.1875	3.0500e-003		62.2636
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4464	0.2436	2.5007	8.5600e-003	1.1829	6.5700e-003	1.1895	0.3138	6.0500e-003	0.3198		854.0701	854.0701	0.0189		854.5415
Total	0.4494	0.3486	2.5210	9.1500e-003	1.1970	6.7500e-003	1.2037	0.3176	6.2200e-003	0.3238		916.2576	916.2576	0.0219		916.8052

3.21 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	50.4536					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.2530	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777		2,063.9524	2,063.9524	0.1126		2,066.7670
Total	51.7066	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777		2,063.9524	2,063.9524	0.1126		2,066.7670

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.21 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1426	0.0778	0.7988	2.7400e-003	0.3779	2.1000e-003	0.3800	0.1002	1.9300e-003	0.1022		272.8280	272.8280	6.0200e-003		272.9786
Total	0.1426	0.0778	0.7988	2.7400e-003	0.3779	2.1000e-003	0.3800	0.1002	1.9300e-003	0.1022		272.8280	272.8280	6.0200e-003		272.9786

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	50.4536					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.2530	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777	0.0000	2,063.9524	2,063.9524	0.1126		2,066.7670
Total	51.7066	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777	0.0000	2,063.9524	2,063.9524	0.1126		2,066.7670

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.21 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1426	0.0778	0.7988	2.7400e-003	0.3779	2.1000e-003	0.3800	0.1002	1.9300e-003	0.1022		272.8280	272.8280	6.0200e-003		272.9786
Total	0.1426	0.0778	0.7988	2.7400e-003	0.3779	2.1000e-003	0.3800	0.1002	1.9300e-003	0.1022		272.8280	272.8280	6.0200e-003		272.9786

3.22 Phase 2 Building - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242
Total	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.22 Phase 2 Building - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0301	1.0191	0.1993	5.8100e-003	0.1810	1.7200e-003	0.1827	0.0484	1.6500e-003	0.0501		609.1946	609.1946	0.0294		609.9298
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6972	0.3678	3.8371	0.0137	1.9551	0.0103	1.9654	0.5186	9.4500e-003	0.5280		1,364.5152	1,364.5152	0.0283		1,365.2216
Total	0.7272	1.3869	4.0363	0.0195	2.1361	0.0120	2.1481	0.5670	0.0111	0.5781		1,973.7099	1,973.7099	0.0577		1,975.1514

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242
Total	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.22 Phase 2 Building - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0301	1.0191	0.1993	5.8100e-003	0.1810	1.7200e-003	0.1827	0.0484	1.6500e-003	0.0501		609.1946	609.1946	0.0294		609.9298
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6972	0.3678	3.8371	0.0137	1.9551	0.0103	1.9654	0.5186	9.4500e-003	0.5280		1,364.5152	1,364.5152	0.0283		1,365.2216
Total	0.7272	1.3869	4.0363	0.0195	2.1361	0.0120	2.1481	0.5670	0.0111	0.5781		1,973.7099	1,973.7099	0.0577		1,975.1514

3.22 Phase 2 Building - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242
Total	3.0440	28.9263	31.4056	0.0598		1.2211	1.2211		1.1384	1.1384		5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.22 Phase 2 Building - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0299	1.0092	0.1989	5.7900e-003	0.3911	1.7100e-003	0.3928	0.1000	1.6300e-003	0.1016		606.9455	606.9455	0.0288		607.6655
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6564	0.3367	3.5817	0.0133	1.9551	9.5400e-003	1.9647	0.5186	8.7700e-003	0.5274		1,323.0992	1,323.0992	0.0258		1,323.7435
Total	0.6863	1.3460	3.7806	0.0191	2.3462	0.0113	2.3575	0.6186	0.0104	0.6290		1,930.0446	1,930.0446	0.0546		1,931.4090

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242
Total	1.4322	21.7361	38.1930	0.0598		1.0510	1.0510		1.0510	1.0510	0.0000	5,719.0470	5,719.0470	1.5391		5,757.5242

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.22 Phase 2 Building - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0299	1.0092	0.1989	5.7900e-003	0.3911	1.7100e-003	0.3928	0.1000	1.6300e-003	0.1016		606.9455	606.9455	0.0288		607.6655
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6564	0.3367	3.5817	0.0133	1.9551	9.5400e-003	1.9647	0.5186	8.7700e-003	0.5274		1,323.0992	1,323.0992	0.0258		1,323.7435
Total	0.6863	1.3460	3.7806	0.0191	2.3462	0.0113	2.3575	0.6186	0.0104	0.6290		1,930.0446	1,930.0446	0.0546		1,931.4090

3.23 Phase 2 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.3347					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.2530	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777		2,063.9524	2,063.9524	0.1126		2,066.7670
Total	55.5877	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777		2,063.9524	2,063.9524	0.1126		2,066.7670

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.23 Phase 2 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1269	0.0651	0.6923	2.5600e-003	0.3779	1.8400e-003	0.3797	0.1002	1.7000e-003	0.1019		255.7251	255.7251	4.9800e-003		255.8496
Total	0.1269	0.0651	0.6923	2.5600e-003	0.3779	1.8400e-003	0.3797	0.1002	1.7000e-003	0.1019		255.7251	255.7251	4.9800e-003		255.8496

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.3347					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.2530	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777	0.0000	2,063.9524	2,063.9524	0.1126		2,066.7670
Total	55.5877	8.4004	13.2670	0.0218		0.3777	0.3777		0.3777	0.3777	0.0000	2,063.9524	2,063.9524	0.1126		2,066.7670

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

3.23 Phase 2 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1269	0.0651	0.6923	2.5600e-003	0.3779	1.8400e-003	0.3797	0.1002	1.7000e-003	0.1019		255.7251	255.7251	4.9800e-003		255.8496
Total	0.1269	0.0651	0.6923	2.5600e-003	0.3779	1.8400e-003	0.3797	0.1002	1.7000e-003	0.1019		255.7251	255.7251	4.9800e-003		255.8496

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.8374	46.1641	114.1596	0.6410	58.3590	0.3785	58.7374	15.6186	0.3538	15.9723		65,530.08 28	65,530.08 28	2.2058		65,585.22 77
Unmitigated	6.8374	46.1641	114.1596	0.6410	58.3590	0.3785	58.7374	15.6186	0.3538	15.9723		65,530.08 28	65,530.08 28	2.2058		65,585.22 77

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government Office Building	0.00	0.00	0.00		
Hospital	1,209.60	1,602.72	1602.72	22,499,684	22,499,684
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	1,209.60	1,602.72	1,602.72	22,499,684	22,499,684

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
Government Office Building	59.00	59.00	59.00	33.00	62.00	5.00	50	34	16
Hospital	59.00	59.00	59.00	64.90	16.10	19.00	73	25	2
Parking Lot	59.00	59.00	59.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	59.00	59.00	59.00	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government Office Building	0.554912	0.033145	0.172938	0.097405	0.013532	0.004629	0.010506	0.100129	0.001620	0.001831	0.007688	0.000854	0.000811
Hospital	0.554912	0.033145	0.172938	0.097405	0.013532	0.004629	0.010506	0.100129	0.001620	0.001831	0.007688	0.000854	0.000811
Parking Lot	0.554912	0.033145	0.172938	0.097405	0.013532	0.004629	0.010506	0.100129	0.001620	0.001831	0.007688	0.000854	0.000811
Refrigerated Warehouse-No Rail	0.554912	0.033145	0.172938	0.097405	0.013532	0.004629	0.010506	0.100129	0.001620	0.001831	0.007688	0.000854	0.000811

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4195	12.9046	10.8399	0.0774		0.9808	0.9808		0.9808	0.9808		15,485.5601	15,485.5601	0.2968	0.2839	15,577.5830
NaturalGas Unmitigated	1.4195	12.9046	10.8399	0.0774		0.9808	0.9808		0.9808	0.9808		15,485.5601	15,485.5601	0.2968	0.2839	15,577.5830

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government Office Building	2015.42	0.0217	0.1976	0.1660	1.1900e-003		0.0150	0.0150		0.0150	0.0150		237.1083	237.1083	4.5400e-003	4.3500e-003	238.5173
Hospital	126805	1.3675	12.4318	10.4427	0.0746		0.9448	0.9448		0.9448	0.9448		14,918.1988	14,918.1988	0.2859	0.2735	15,006.8502
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	2807.15	0.0303	0.2752	0.2312	1.6500e-003		0.0209	0.0209		0.0209	0.0209		330.2530	330.2530	6.3300e-003	6.0500e-003	332.2156
Total		1.4195	12.9046	10.8399	0.0774		0.9808	0.9808		0.9808	0.9808		15,485.5601	15,485.5601	0.2968	0.2839	15,577.5830

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government Office Building	2.01542	0.0217	0.1976	0.1660	1.1900e-003		0.0150	0.0150		0.0150	0.0150		237.1083	237.1083	4.5400e-003	4.3500e-003	238.5173
Hospital	126.805	1.3675	12.4318	10.4427	0.0746		0.9448	0.9448		0.9448	0.9448		14,918.1988	14,918.1988	0.2859	0.2735	15,006.8502
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	2.80715	0.0303	0.2752	0.2312	1.6500e-003		0.0209	0.0209		0.0209	0.0209		330.2530	330.2530	6.3300e-003	6.0500e-003	332.2156
Total		1.4195	12.9046	10.8399	0.0774		0.9808	0.9808		0.9808	0.9808		15,485.5601	15,485.5601	0.2968	0.2839	15,577.5830

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	34.4836	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246
Unmitigated	47.1857	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	13.3917					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.7447					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0493	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246
Total	47.1857	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.6896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.7447					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0493	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246
Total	34.4836	4.8500e-003	0.5350	4.0000e-005		1.9000e-003	1.9000e-003		1.9000e-003	1.9000e-003		1.1499	1.1499	2.9900e-003		1.2246

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

California City Correctional Facility, WWTP, Utilities - Mojave Desert Air Basin, Winter

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	1	12	50	0.73	Diesel

Boilers

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

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (50 - 75 HP)	0.0821	0.2676	0.2977	3.9000e-004		0.0121	0.0121		0.0121	0.0121		41.9757	41.9757	5.8800e-003		42.1228
Total	0.0821	0.2676	0.2977	3.9000e-004		0.0121	0.0121		0.0121	0.0121		41.9757	41.9757	5.8800e-003		42.1228

11.0 Vegetation
