

Prenk Industrial Project - Riverside-Salton Sea County, Summer

Prenk Industrial Project
Riverside-Salton Sea County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	5.05	1000sqft	0.19	5,046.00	0
General Office Building	2.50	1000sqft	0.06	2,500.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2020
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 - Projct site = 0.3 acre

Construction Phase -

On-road Fugitive Dust - Palomar Road is unpaved [2,600 feet]

Water And Wastewater - Water consumption per Oregonlive.com [1 gallon per square foot of cultivation area]

Construction Off-road Equipment Mitigation - SCAQMD Rule 403

Energy Use - Electricity use adjusted to account for grow lights per specifications provided by the CEC [Energy Impacts of Cannabis Cultivation, 2017]

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Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	40
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	PhaseEndDate	7/28/2020	11/4/2020
tblConstructionPhase	PhaseEndDate	7/14/2020	10/21/2020
tblConstructionPhase	PhaseEndDate	2/25/2020	6/3/2020
tblConstructionPhase	PhaseEndDate	7/21/2020	10/28/2020
tblConstructionPhase	PhaseEndDate	2/21/2020	6/1/2020
tblConstructionPhase	PhaseStartDate	7/22/2020	10/29/2020
tblConstructionPhase	PhaseStartDate	2/26/2020	6/4/2020
tblConstructionPhase	PhaseStartDate	2/22/2020	6/2/2020
tblConstructionPhase	PhaseStartDate	7/15/2020	10/22/2020
tblConstructionPhase	PhaseStartDate	2/21/2020	6/1/2020
tblEnergyUse	T24E	2.20	2.90
tblLandUse	LotAcreage	0.12	0.19
tblOnRoadDust	VendorPercentPave	100.00	90.70
tblOnRoadDust	VendorPercentPave	100.00	90.70
tblOnRoadDust	VendorPercentPave	100.00	90.70
tblOnRoadDust	VendorPercentPave	100.00	90.70
tblOnRoadDust	VendorPercentPave	100.00	90.70
tblOnRoadDust	WorkerPercentPave	100.00	95.50
tblOnRoadDust	WorkerPercentPave	100.00	95.50
tblOnRoadDust	WorkerPercentPave	100.00	95.50
tblOnRoadDust	WorkerPercentPave	100.00	95.50
tblOnRoadDust	WorkerPercentPave	100.00	95.50
tblWater	IndoorWaterUseRate	1,167,812.50	1,841,790.00

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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					
2020	35.5558	9.0526	7.9348	0.0128	13.2574	0.5235	13.6534	1.3470	0.4817	1.7147	0.0000	1,230.2400	1,230.2400	0.3616	0.0000	1,235.7168
Maximum	35.5558	9.0526	7.9348	0.0128	13.2574	0.5235	13.6534	1.3470	0.4817	1.7147	0.0000	1,230.2400	1,230.2400	0.3616	0.0000	1,235.7168

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	35.5558	9.0526	7.9348	0.0128	5.7145	0.5235	6.1104	0.7395	0.4817	1.1856	0.0000	1,230.2400	1,230.2400	0.3616	0.0000	1,235.7168
Maximum	35.5558	9.0526	7.9348	0.0128	5.7145	0.5235	6.1104	0.7395	0.4817	1.1856	0.0000	1,230.2400	1,230.2400	0.3616	0.0000	1,235.7168

Prenk Industrial Project - Riverside-Salton Sea County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	56.90	0.00	55.25	45.10	0.00	30.86	0.00	0.00	0.00	0.00	0.00	0.00

Prenk Industrial Project - Riverside-Salton Sea County, 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	0.2108	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003
Energy	5.1000e-003	0.0464	0.0390	2.8000e-004		3.5200e-003	3.5200e-003		3.5200e-003	3.5200e-003		55.6389	55.6389	1.0700e-003	1.0200e-003	55.9695
Mobile	0.1278	0.8863	1.3671	5.2500e-003	0.3612	4.6400e-003	0.3658	0.0967	4.3700e-003	0.1010		535.0973	535.0973	0.0290		535.8221
Total	0.3438	0.9327	1.4074	5.5300e-003	0.3612	8.1600e-003	0.3694	0.0967	7.8900e-003	0.1046		590.7391	590.7391	0.0301	1.0200e-003	591.7948

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	0.2108	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003
Energy	5.1000e-003	0.0464	0.0390	2.8000e-004		3.5200e-003	3.5200e-003		3.5200e-003	3.5200e-003		55.6389	55.6389	1.0700e-003	1.0200e-003	55.9695
Mobile	0.1278	0.8863	1.3671	5.2500e-003	0.3612	4.6400e-003	0.3658	0.0967	4.3700e-003	0.1010		535.0973	535.0973	0.0290		535.8221
Total	0.3438	0.9327	1.4074	5.5300e-003	0.3612	8.1600e-003	0.3694	0.0967	7.8900e-003	0.1046		590.7391	590.7391	0.0301	1.0200e-003	591.7948

Prenk Industrial Project - Riverside-Salton Sea County, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2020	6/1/2020	5	1	
2	Grading	Grading	6/2/2020	6/3/2020	5	2	
3	Building Construction	Building Construction	6/4/2020	10/21/2020	5	100	
4	Paving	Paving	10/22/2020	10/28/2020	5	5	
5	Architectural Coating	Architectural Coating	10/29/2020	11/4/2020	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.05

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 11,319; Non-Residential Outdoor: 3,773; Striped Parking Area: 144 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	5.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	4.00	2.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Prenk Industrial Project - Riverside-Salton Sea County, Summer

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	0.5303	0.3353	0.8656	0.0573	0.3085	0.3658		943.4872	943.4872	0.3051		951.1158

Prenk Industrial Project - Riverside-Salton Sea County, Summer

3.2 Site Preparation - 2020

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	0.0210	0.0117	0.1561	4.2000e-004	3.6826	2.6000e-004	3.6829	0.3742	2.4000e-004	0.3744		41.5024	41.5024	1.0800e-003		41.5295
Total	0.0210	0.0117	0.1561	4.2000e-004	3.6826	2.6000e-004	3.6829	0.3742	2.4000e-004	0.3744		41.5024	41.5024	1.0800e-003		41.5295

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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085	0.0000	943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	0.5303	0.3353	0.8656	0.0573	0.3085	0.3658	0.0000	943.4872	943.4872	0.3051		951.1158

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3.2 Site Preparation - 2020

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	0.0210	0.0117	0.1561	4.2000e-004	1.5874	2.6000e-004	1.5876	0.1629	2.4000e-004	0.1631		41.5024	41.5024	1.0800e-003		41.5295
Total	0.0210	0.0117	0.1561	4.2000e-004	1.5874	2.6000e-004	1.5876	0.1629	2.4000e-004	0.1631		41.5024	41.5024	1.0800e-003		41.5295

3.3 Grading - 2020

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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.7528	0.4672	1.2200	0.4138	0.4457	0.8595		1,147.2352	1,147.2352	0.2169		1,152.6578

Prenk Industrial Project - Riverside-Salton Sea County, Summer

3.3 Grading - 2020

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	0.0419	0.0233	0.3122	8.3000e-004	7.3652	5.2000e-004	7.3657	0.7483	4.8000e-004	0.7488		83.0048	83.0048	2.1700e-003		83.0590
Total	0.0419	0.0233	0.3122	8.3000e-004	7.3652	5.2000e-004	7.3657	0.7483	4.8000e-004	0.7488		83.0048	83.0048	2.1700e-003		83.0590

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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.7528	0.4672	1.2200	0.4138	0.4457	0.8595	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578

Prenk Industrial Project - Riverside-Salton Sea County, Summer

3.3 Grading - 2020

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	0.0419	0.0233	0.3122	8.3000e-004	3.1747	5.2000e-004	3.1752	0.3257	4.8000e-004	0.3262		83.0048	83.0048	2.1700e-003		83.0590
Total	0.0419	0.0233	0.3122	8.3000e-004	3.1747	5.2000e-004	3.1752	0.3257	4.8000e-004	0.3262		83.0048	83.0048	2.1700e-003		83.0590

3.4 Building Construction - 2020

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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.9781	1,102.9781	0.3567		1,111.8962
Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.9781	1,102.9781	0.3567		1,111.8962

Prenk Industrial Project - Riverside-Salton Sea County, Summer

3.4 Building Construction - 2020

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	5.0300e-003	0.1909	0.0346	4.4000e-004	1.4875	9.3000e-004	1.4885	0.1502	8.9000e-004	0.1511		46.6611	46.6611	4.0000e-003		46.7612
Worker	0.0168	9.3200e-003	0.1249	3.3000e-004	2.9461	2.1000e-004	2.9463	0.2993	1.9000e-004	0.2995		33.2019	33.2019	8.7000e-004		33.2236
Total	0.0218	0.2002	0.1594	7.7000e-004	4.4336	1.1400e-003	4.4347	0.4496	1.0800e-003	0.4506		79.8630	79.8630	4.8700e-003		79.9848

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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962
Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962

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3.4 Building Construction - 2020

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	5.0300e-003	0.1909	0.0346	4.4000e-004	0.6403	9.3000e-004	0.6412	0.0652	8.9000e-004	0.0661		46.6611	46.6611	4.0000e-003		46.7612
Worker	0.0168	9.3200e-003	0.1249	3.3000e-004	1.2699	2.1000e-004	1.2701	0.1303	1.9000e-004	0.1305		33.2019	33.2019	8.7000e-004		33.2236
Total	0.0218	0.2002	0.1594	7.7000e-004	1.9102	1.1400e-003	1.9113	0.1955	1.0800e-003	0.1966		79.8630	79.8630	4.8700e-003		79.9848

3.5 Paving - 2020

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	0.7716	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669		1,035.3926	1,035.3926	0.3016		1,042.9323
Paving	0.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7978	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669		1,035.3926	1,035.3926	0.3016		1,042.9323

Prenk Industrial Project - Riverside-Salton Sea County, Summer

3.5 Paving - 2020

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	0.0755	0.0420	0.5620	1.5000e-003	13.2574	9.4000e-004	13.2583	1.3470	8.7000e-004	1.3478		149.4087	149.4087	3.9000e-003		149.5062
Total	0.0755	0.0420	0.5620	1.5000e-003	13.2574	9.4000e-004	13.2583	1.3470	8.7000e-004	1.3478		149.4087	149.4087	3.9000e-003		149.5062

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	0.7716	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669	0.0000	1,035.3926	1,035.3926	0.3016		1,042.9323
Paving	0.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7978	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669	0.0000	1,035.3926	1,035.3926	0.3016		1,042.9323

Prenk Industrial Project - Riverside-Salton Sea County, Summer

3.5 Paving - 2020

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	0.0755	0.0420	0.5620	1.5000e-003	5.7145	9.4000e-004	5.7154	0.5863	8.7000e-004	0.5871		149.4087	149.4087	3.9000e-003		149.5062
Total	0.0755	0.0420	0.5620	1.5000e-003	5.7145	9.4000e-004	5.7154	0.5863	8.7000e-004	0.5871		149.4087	149.4087	3.9000e-003		149.5062

3.6 Architectural Coating - 2020

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	35.3094					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	35.5516	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

Prenk Industrial Project - Riverside-Salton Sea County, Summer

3.6 Architectural Coating - 2020

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	4.1900e-003	2.3300e-003	0.0312	8.0000e-005	0.7365	5.0000e-005	0.7366	0.0748	5.0000e-005	0.0749		8.3005	8.3005	2.2000e-004		8.3059
Total	4.1900e-003	2.3300e-003	0.0312	8.0000e-005	0.7365	5.0000e-005	0.7366	0.0748	5.0000e-005	0.0749		8.3005	8.3005	2.2000e-004		8.3059

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	35.3094					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	35.5516	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928

Prenk Industrial Project - Riverside-Salton Sea County, Summer

3.6 Architectural Coating - 2020

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	4.1900e-003	2.3300e-003	0.0312	8.0000e-005	0.3175	5.0000e-005	0.3175	0.0326	5.0000e-005	0.0326		8.3005	8.3005	2.2000e-004		8.3059
Total	4.1900e-003	2.3300e-003	0.0312	8.0000e-005	0.3175	5.0000e-005	0.3175	0.0326	5.0000e-005	0.0326		8.3005	8.3005	2.2000e-004		8.3059

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Prenk Industrial Project - Riverside-Salton Sea County, 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	0.1278	0.8863	1.3671	5.2500e-003	0.3612	4.6400e-003	0.3658	0.0967	4.3700e-003	0.1010		535.0973	535.0973	0.0290		535.8221
Unmitigated	0.1278	0.8863	1.3671	5.2500e-003	0.3612	4.6400e-003	0.3658	0.0967	4.3700e-003	0.1010		535.0973	535.0973	0.0290		535.8221

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	35.17	6.66	3.43	83,458	83,458
General Office Building	27.58	6.15	2.63	44,710	44,710
Parking Lot	0.00	0.00	0.00		
Total	62.75	12.81	6.06	128,169	128,169

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
General Light Industry	12.50	4.20	5.40	59.00	28.00	13.00	92	5	3
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Parking Lot	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Prenk Industrial Project - Riverside-Salton Sea County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
General Office Building	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
Parking Lot	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120

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	5.1000e-003	0.0464	0.0390	2.8000e-004		3.5200e-003	3.5200e-003		3.5200e-003	3.5200e-003		55.6389	55.6389	1.0700e-003	1.0200e-003	55.9695
NaturalGas Unmitigated	5.1000e-003	0.0464	0.0390	2.8000e-004		3.5200e-003	3.5200e-003		3.5200e-003	3.5200e-003		55.6389	55.6389	1.0700e-003	1.0200e-003	55.9695

Prenk Industrial Project - Riverside-Salton Sea County, Summer

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	449.163	4.8400e-003	0.0440	0.0370	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003		52.8427	52.8427	1.0100e-003	9.7000e-004	53.1567
General Office Building	23.7671	2.6000e-004	2.3300e-003	1.9600e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		2.7961	2.7961	5.0000e-005	5.0000e-005	2.8128
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
Total		5.1000e-003	0.0464	0.0390	2.7000e-004		3.5300e-003	3.5300e-003		3.5300e-003	3.5300e-003		55.6389	55.6389	1.0600e-003	1.0200e-003	55.9695

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	0.449163	4.8400e-003	0.0440	0.0370	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003		52.8427	52.8427	1.0100e-003	9.7000e-004	53.1567
General Office Building	0.0237671	2.6000e-004	2.3300e-003	1.9600e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		2.7961	2.7961	5.0000e-005	5.0000e-005	2.8128
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
Total		5.1000e-003	0.0464	0.0390	2.7000e-004		3.5300e-003	3.5300e-003		3.5300e-003	3.5300e-003		55.6389	55.6389	1.0600e-003	1.0200e-003	55.9695

6.0 Area Detail

Prenk Industrial Project - Riverside-Salton Sea County, Summer

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2108	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003
Unmitigated	0.2108	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003

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	0.0484					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1623					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3000e-004	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003
Total	0.2108	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003

Prenk Industrial Project - Riverside-Salton Sea County, 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	0.0484					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1623					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3000e-004	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003
Total	0.2108	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Prenk Industrial Project - Riverside-Salton Sea County, Summer

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

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

Equipment Type	Number
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11.0 Vegetation

Prenk Industrial Project - Riverside-Salton Sea County, Winter

Prenk Industrial Project
Riverside-Salton Sea County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	5.05	1000sqft	0.19	5,046.00	0
General Office Building	2.50	1000sqft	0.06	2,500.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Projct site = 0.3 acre

Construction Phase -

On-road Fugitive Dust - Palomar Road is unpaved [2,600 feet]

Water And Wastewater - Water consumption per Oregonlive.com [1 gallon per square foot of cultivation area]

Construction Off-road Equipment Mitigation - SCAQMD Rule 403

Energy Use - Electricity use adjusted to account for grow lights per specifications provided by the CEC [Energy Impacts of Cannabis Cultivation, 2017]

Prenk Industrial Project - Riverside-Salton Sea County, Winter

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	40
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	PhaseEndDate	7/28/2020	11/4/2020
tblConstructionPhase	PhaseEndDate	7/14/2020	10/21/2020
tblConstructionPhase	PhaseEndDate	2/25/2020	6/3/2020
tblConstructionPhase	PhaseEndDate	7/21/2020	10/28/2020
tblConstructionPhase	PhaseEndDate	2/21/2020	6/1/2020
tblConstructionPhase	PhaseStartDate	7/22/2020	10/29/2020
tblConstructionPhase	PhaseStartDate	2/26/2020	6/4/2020
tblConstructionPhase	PhaseStartDate	2/22/2020	6/2/2020
tblConstructionPhase	PhaseStartDate	7/15/2020	10/22/2020
tblConstructionPhase	PhaseStartDate	2/21/2020	6/1/2020
tblEnergyUse	T24E	2.20	2.90
tblLandUse	LotAcreage	0.12	0.19
tblOnRoadDust	VendorPercentPave	100.00	90.70
tblOnRoadDust	VendorPercentPave	100.00	90.70
tblOnRoadDust	VendorPercentPave	100.00	90.70
tblOnRoadDust	VendorPercentPave	100.00	90.70
tblOnRoadDust	VendorPercentPave	100.00	90.70
tblOnRoadDust	WorkerPercentPave	100.00	95.50
tblOnRoadDust	WorkerPercentPave	100.00	95.50
tblOnRoadDust	WorkerPercentPave	100.00	95.50
tblOnRoadDust	WorkerPercentPave	100.00	95.50
tblOnRoadDust	WorkerPercentPave	100.00	95.50
tblWater	IndoorWaterUseRate	1,167,812.50	1,841,790.00

Prenk Industrial Project - Riverside-Salton Sea County, Winter

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					
2020	35.5556	9.0510	7.8785	0.0127	13.2574	0.5235	13.6534	1.3470	0.4817	1.7147	0.0000	1,221.738 1	1,221.738 1	0.3620	0.0000	1,227.208 2
Maximum	35.5556	9.0510	7.8785	0.0127	13.2574	0.5235	13.6534	1.3470	0.4817	1.7147	0.0000	1,221.738 1	1,221.738 1	0.3620	0.0000	1,227.208 2

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	35.5556	9.0510	7.8785	0.0127	5.7145	0.5235	6.1104	0.7395	0.4817	1.1856	0.0000	1,221.738 1	1,221.738 1	0.3620	0.0000	1,227.208 2
Maximum	35.5556	9.0510	7.8785	0.0127	5.7145	0.5235	6.1104	0.7395	0.4817	1.1856	0.0000	1,221.738 1	1,221.738 1	0.3620	0.0000	1,227.208 2

Prenk Industrial Project - Riverside-Salton Sea County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	56.90	0.00	55.25	45.10	0.00	30.86	0.00	0.00	0.00	0.00	0.00	0.00

Prenk Industrial Project - Riverside-Salton Sea County, 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	0.2108	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003
Energy	5.1000e-003	0.0464	0.0390	2.8000e-004		3.5200e-003	3.5200e-003		3.5200e-003	3.5200e-003		55.6389	55.6389	1.0700e-003	1.0200e-003	55.9695
Mobile	0.1080	0.8854	1.2016	4.8300e-003	0.3612	4.6900e-003	0.3659	0.0967	4.4200e-003	0.1011		493.3318	493.3318	0.0301		494.0851
Total	0.3239	0.9318	1.2419	5.1100e-003	0.3612	8.2100e-003	0.3694	0.0967	7.9400e-003	0.1046		548.9736	548.9736	0.0312	1.0200e-003	550.0577

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	0.2108	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003
Energy	5.1000e-003	0.0464	0.0390	2.8000e-004		3.5200e-003	3.5200e-003		3.5200e-003	3.5200e-003		55.6389	55.6389	1.0700e-003	1.0200e-003	55.9695
Mobile	0.1080	0.8854	1.2016	4.8300e-003	0.3612	4.6900e-003	0.3659	0.0967	4.4200e-003	0.1011		493.3318	493.3318	0.0301		494.0851
Total	0.3239	0.9318	1.2419	5.1100e-003	0.3612	8.2100e-003	0.3694	0.0967	7.9400e-003	0.1046		548.9736	548.9736	0.0312	1.0200e-003	550.0577

Prenk Industrial Project - Riverside-Salton Sea County, Winter

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2020	6/1/2020	5	1	
2	Grading	Grading	6/2/2020	6/3/2020	5	2	
3	Building Construction	Building Construction	6/4/2020	10/21/2020	5	100	
4	Paving	Paving	10/22/2020	10/28/2020	5	5	
5	Architectural Coating	Architectural Coating	10/29/2020	11/4/2020	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.05

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 11,319; Non-Residential Outdoor: 3,773; Striped Parking Area: 144 (Architectural Coating – sqft)

OffRoad Equipment

Prenk Industrial Project - Riverside-Salton Sea County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	5.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	4.00	2.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Prenk Industrial Project - Riverside-Salton Sea County, Winter

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	0.5303	0.3353	0.8656	0.0573	0.3085	0.3658		943.4872	943.4872	0.3051		951.1158

Prenk Industrial Project - Riverside-Salton Sea County, Winter

3.2 Site Preparation - 2020

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	0.0200	0.0121	0.1280	3.7000e-004	3.6826	2.6000e-004	3.6829	0.3742	2.4000e-004	0.3744		37.2515	37.2515	9.5000e-004		37.2752
Total	0.0200	0.0121	0.1280	3.7000e-004	3.6826	2.6000e-004	3.6829	0.3742	2.4000e-004	0.3744		37.2515	37.2515	9.5000e-004		37.2752

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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085	0.0000	943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	0.5303	0.3353	0.8656	0.0573	0.3085	0.3658	0.0000	943.4872	943.4872	0.3051		951.1158

Prenk Industrial Project - Riverside-Salton Sea County, Winter

3.2 Site Preparation - 2020

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	0.0200	0.0121	0.1280	3.7000e-004	1.5874	2.6000e-004	1.5876	0.1629	2.4000e-004	0.1631		37.2515	37.2515	9.5000e-004		37.2752
Total	0.0200	0.0121	0.1280	3.7000e-004	1.5874	2.6000e-004	1.5876	0.1629	2.4000e-004	0.1631		37.2515	37.2515	9.5000e-004		37.2752

3.3 Grading - 2020

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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.7528	0.4672	1.2200	0.4138	0.4457	0.8595		1,147.2352	1,147.2352	0.2169		1,152.6578

Prenk Industrial Project - Riverside-Salton Sea County, Winter

3.3 Grading - 2020

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	0.0401	0.0241	0.2560	7.5000e-004	7.3652	5.2000e-004	7.3657	0.7483	4.8000e-004	0.7488		74.5029	74.5029	1.9000e-003		74.5504
Total	0.0401	0.0241	0.2560	7.5000e-004	7.3652	5.2000e-004	7.3657	0.7483	4.8000e-004	0.7488		74.5029	74.5029	1.9000e-003		74.5504

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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.7528	0.4672	1.2200	0.4138	0.4457	0.8595	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578

Prenk Industrial Project - Riverside-Salton Sea County, Winter

3.3 Grading - 2020

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	0.0401	0.0241	0.2560	7.5000e-004	3.1747	5.2000e-004	3.1752	0.3257	4.8000e-004	0.3262		74.5029	74.5029	1.9000e-003		74.5504
Total	0.0401	0.0241	0.2560	7.5000e-004	3.1747	5.2000e-004	3.1752	0.3257	4.8000e-004	0.3262		74.5029	74.5029	1.9000e-003		74.5504

3.4 Building Construction - 2020

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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.9781	1,102.9781	0.3567		1,111.8962
Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.9781	1,102.9781	0.3567		1,111.8962

Prenk Industrial Project - Riverside-Salton Sea County, Winter

3.4 Building Construction - 2020

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	5.3300e-003	0.1891	0.0410	4.2000e-004	1.4875	9.4000e-004	1.4885	0.1502	9.0000e-004	0.1511		44.5915	44.5915	4.4700e-003		44.7032
Worker	0.0160	9.6500e-003	0.1024	3.0000e-004	2.9461	2.1000e-004	2.9463	0.2993	1.9000e-004	0.2995		29.8012	29.8012	7.6000e-004		29.8202
Total	0.0214	0.1987	0.1434	7.2000e-004	4.4336	1.1500e-003	4.4348	0.4496	1.0900e-003	0.4507		74.3927	74.3927	5.2300e-003		74.5234

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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962
Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962

Prenk Industrial Project - Riverside-Salton Sea County, Winter

3.4 Building Construction - 2020

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	5.3300e-003	0.1891	0.0410	4.2000e-004	0.6403	9.4000e-004	0.6412	0.0652	9.0000e-004	0.0661		44.5915	44.5915	4.4700e-003		44.7032
Worker	0.0160	9.6500e-003	0.1024	3.0000e-004	1.2699	2.1000e-004	1.2701	0.1303	1.9000e-004	0.1305		29.8012	29.8012	7.6000e-004		29.8202
Total	0.0214	0.1987	0.1434	7.2000e-004	1.9102	1.1500e-003	1.9113	0.1955	1.0900e-003	0.1966		74.3927	74.3927	5.2300e-003		74.5234

3.5 Paving - 2020

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	0.7716	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669		1,035.3926	1,035.3926	0.3016		1,042.9323
Paving	0.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7978	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669		1,035.3926	1,035.3926	0.3016		1,042.9323

Prenk Industrial Project - Riverside-Salton Sea County, Winter

3.5 Paving - 2020

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	0.0721	0.0434	0.4607	1.3500e-003	13.2574	9.4000e-004	13.2583	1.3470	8.7000e-004	1.3478		134.1053	134.1053	3.4200e-003		134.1907
Total	0.0721	0.0434	0.4607	1.3500e-003	13.2574	9.4000e-004	13.2583	1.3470	8.7000e-004	1.3478		134.1053	134.1053	3.4200e-003		134.1907

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	0.7716	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669	0.0000	1,035.3926	1,035.3926	0.3016		1,042.9323
Paving	0.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7978	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669	0.0000	1,035.3926	1,035.3926	0.3016		1,042.9323

Prenk Industrial Project - Riverside-Salton Sea County, Winter

3.5 Paving - 2020

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	0.0721	0.0434	0.4607	1.3500e-003	5.7145	9.4000e-004	5.7154	0.5863	8.7000e-004	0.5871		134.1053	134.1053	3.4200e-003		134.1907
Total	0.0721	0.0434	0.4607	1.3500e-003	5.7145	9.4000e-004	5.7154	0.5863	8.7000e-004	0.5871		134.1053	134.1053	3.4200e-003		134.1907

3.6 Architectural Coating - 2020

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	35.3094					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	35.5516	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

Prenk Industrial Project - Riverside-Salton Sea County, Winter

3.6 Architectural Coating - 2020

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	4.0100e-003	2.4100e-003	0.0256	7.0000e-005	0.7365	5.0000e-005	0.7366	0.0748	5.0000e-005	0.0749		7.4503	7.4503	1.9000e-004		7.4550
Total	4.0100e-003	2.4100e-003	0.0256	7.0000e-005	0.7365	5.0000e-005	0.7366	0.0748	5.0000e-005	0.0749		7.4503	7.4503	1.9000e-004		7.4550

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	35.3094					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	35.5516	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928

Prenk Industrial Project - Riverside-Salton Sea County, Winter

3.6 Architectural Coating - 2020

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	4.0100e-003	2.4100e-003	0.0256	7.0000e-005	0.3175	5.0000e-005	0.3175	0.0326	5.0000e-005	0.0326		7.4503	7.4503	1.9000e-004		7.4550
Total	4.0100e-003	2.4100e-003	0.0256	7.0000e-005	0.3175	5.0000e-005	0.3175	0.0326	5.0000e-005	0.0326		7.4503	7.4503	1.9000e-004		7.4550

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Prenk Industrial Project - Riverside-Salton Sea County, 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	0.1080	0.8854	1.2016	4.8300e-003	0.3612	4.6900e-003	0.3659	0.0967	4.4200e-003	0.1011		493.3318	493.3318	0.0301		494.0851
Unmitigated	0.1080	0.8854	1.2016	4.8300e-003	0.3612	4.6900e-003	0.3659	0.0967	4.4200e-003	0.1011		493.3318	493.3318	0.0301		494.0851

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	35.17	6.66	3.43	83,458	83,458
General Office Building	27.58	6.15	2.63	44,710	44,710
Parking Lot	0.00	0.00	0.00		
Total	62.75	12.81	6.06	128,169	128,169

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
General Light Industry	12.50	4.20	5.40	59.00	28.00	13.00	92	5	3
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Parking Lot	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Prenk Industrial Project - Riverside-Salton Sea County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
General Office Building	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120
Parking Lot	0.538064	0.038449	0.184390	0.122109	0.017402	0.005339	0.017250	0.067711	0.001365	0.001213	0.004629	0.000959	0.001120

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	5.1000e-003	0.0464	0.0390	2.8000e-004		3.5200e-003	3.5200e-003		3.5200e-003	3.5200e-003		55.6389	55.6389	1.0700e-003	1.0200e-003	55.9695
NaturalGas Unmitigated	5.1000e-003	0.0464	0.0390	2.8000e-004		3.5200e-003	3.5200e-003		3.5200e-003	3.5200e-003		55.6389	55.6389	1.0700e-003	1.0200e-003	55.9695

Prenk Industrial Project - Riverside-Salton Sea County, Winter

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	449.163	4.8400e-003	0.0440	0.0370	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003		52.8427	52.8427	1.0100e-003	9.7000e-004	53.1567
General Office Building	23.7671	2.6000e-004	2.3300e-003	1.9600e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		2.7961	2.7961	5.0000e-005	5.0000e-005	2.8128
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
Total		5.1000e-003	0.0464	0.0390	2.7000e-004		3.5300e-003	3.5300e-003		3.5300e-003	3.5300e-003		55.6389	55.6389	1.0600e-003	1.0200e-003	55.9695

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	0.449163	4.8400e-003	0.0440	0.0370	2.6000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003		52.8427	52.8427	1.0100e-003	9.7000e-004	53.1567
General Office Building	0.0237671	2.6000e-004	2.3300e-003	1.9600e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		2.7961	2.7961	5.0000e-005	5.0000e-005	2.8128
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
Total		5.1000e-003	0.0464	0.0390	2.7000e-004		3.5300e-003	3.5300e-003		3.5300e-003	3.5300e-003		55.6389	55.6389	1.0600e-003	1.0200e-003	55.9695

6.0 Area Detail

Prenk Industrial Project - Riverside-Salton Sea County, Winter

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2108	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003
Unmitigated	0.2108	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003

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	0.0484					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1623					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3000e-004	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003
Total	0.2108	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003

Prenk Industrial Project - Riverside-Salton Sea County, 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	0.0484					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1623					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3000e-004	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003
Total	0.2108	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9600e-003	2.9600e-003	1.0000e-005		3.1600e-003

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Prenk Industrial Project - Riverside-Salton Sea County, Winter

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

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

Equipment Type	Number
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11.0 Vegetation
