

Appendix A

Air Quality Modeling Data

SKD-01 APN 215-0280-005 Truck Terminal - Sacramento County, Summer

**SKD-01 APN 215-0280-005 Truck Terminal
Sacramento County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	75.00	1000sqft	1.72	75,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2022
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Operational Emissions Only

Land Use - Paved area estimated from site plan.

Construction Phase - No construction this model.

Off-road Equipment - No construction this model.

Trips and VMT - No construction this model.

Vehicle Trips - 10 maximum truck trips per day (one-way) per applicant,
1 employee trip (i.e., truck driver commute) per truck trip assumed.
50% truck trips (C-NW) and 50% employee trips (C-W) assumed.

Vehicle Emission Factors - Factors adjusted for EPA SAFE Rule per CARB Off-Model EMFAQ Adjustment Factors.

Vehicle Emission Factors - Factors adjusted for EPA SAFE Rule per CARB Off-Model EMFAQ Adjustment Factors.

Vehicle Emission Factors - Factors adjusted for EPA SAFE Rule per CARB Off-Model EMFAQ Adjustment Factors.

Energy Use -

Fleet Mix - xx

Table Name	Column Name	Default Value	New Value
tblFleetMix	HHD	0.02	0.50
tblFleetMix	LDA	0.56	0.35
tblFleetMix	LDT1	0.04	0.02
tblFleetMix	LDT2	0.21	0.13
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.2450e-003	0.00
tblFleetMix	MCY	5.8840e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.6500e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	2.0310e-003	0.00
tblFleetMix	SBUS	6.1900e-004	0.00
tblFleetMix	UBUS	2.0540e-003	0.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblVehicleEF	LDA	0.61	0.61
tblVehicleEF	LDA	1.26	1.26
tblVehicleEF	LDA	252.52	254.16
tblVehicleEF	LDA	57.68	58.05
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	1.7730e-003	1.7750e-003
tblVehicleEF	LDA	2.2990e-003	2.3020e-003
tblVehicleEF	LDA	1.6350e-003	1.6370e-003
tblVehicleEF	LDA	2.1140e-003	2.1170e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.78	0.78
tblVehicleEF	LDA	1.03	1.03

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tblVehicleEF	LDA	280.47	282.29
tblVehicleEF	LDA	57.68	58.05
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	1.7730e-003	1.7750e-003
tblVehicleEF	LDA	2.2990e-003	2.3020e-003
tblVehicleEF	LDA	1.6350e-003	1.6370e-003
tblVehicleEF	LDA	2.1140e-003	2.1170e-003
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.13	0.13
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.13	0.13
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.58	0.58
tblVehicleEF	LDA	1.57	1.57
tblVehicleEF	LDA	245.02	246.62
tblVehicleEF	LDA	57.68	58.05
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	1.7730e-003	1.7750e-003

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tblVehicleEF	LDA	2.2990e-003	2.3020e-003
tblVehicleEF	LDA	1.6350e-003	1.6370e-003
tblVehicleEF	LDA	2.1140e-003	2.1170e-003
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	7.3210e-003	7.3220e-003
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	7.3210e-003	7.3220e-003
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDT1	1.36	1.36
tblVehicleEF	LDT1	3.32	3.32
tblVehicleEF	LDT1	313.76	315.80
tblVehicleEF	LDT1	71.71	72.18
tblVehicleEF	LDT1	0.13	0.13
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	2.6720e-003	2.6750e-003
tblVehicleEF	LDT1	3.4480e-003	3.4520e-003
tblVehicleEF	LDT1	2.4650e-003	2.4680e-003
tblVehicleEF	LDT1	3.1710e-003	3.1750e-003
tblVehicleEF	LDT1	0.16	0.16
tblVehicleEF	LDT1	0.31	0.31

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tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.20	0.20
tblVehicleEF	LDT1	0.23	0.23
tblVehicleEF	LDT1	0.16	0.16
tblVehicleEF	LDT1	0.31	0.31
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.20
tblVehicleEF	LDT1	0.25	0.25
tblVehicleEF	LDT1	1.70	1.70
tblVehicleEF	LDT1	2.71	2.71
tblVehicleEF	LDT1	346.93	349.19
tblVehicleEF	LDT1	71.71	72.18
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	2.6720e-003	2.6750e-003
tblVehicleEF	LDT1	3.4480e-003	3.4520e-003
tblVehicleEF	LDT1	2.4650e-003	2.4680e-003
tblVehicleEF	LDT1	3.1710e-003	3.1750e-003
tblVehicleEF	LDT1	0.41	0.41
tblVehicleEF	LDT1	0.40	0.40
tblVehicleEF	LDT1	0.25	0.25
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.41	0.41

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tblVehicleEF	LDT1	0.40	0.40
tblVehicleEF	LDT1	0.25	0.25
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.20	0.20
tblVehicleEF	LDT1	1.31	1.31
tblVehicleEF	LDT1	4.17	4.18
tblVehicleEF	LDT1	304.87	306.85
tblVehicleEF	LDT1	71.71	72.18
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.21	0.21
tblVehicleEF	LDT1	2.6720e-003	2.6750e-003
tblVehicleEF	LDT1	3.4480e-003	3.4520e-003
tblVehicleEF	LDT1	2.4650e-003	2.4680e-003
tblVehicleEF	LDT1	3.1710e-003	3.1750e-003
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.32	0.32
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.24	0.24
tblVehicleEF	LDT1	0.28	0.28
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.32	0.32
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.24	0.24
tblVehicleEF	LDT1	0.30	0.30

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tblVehicleEF	LDT2	0.83	0.83
tblVehicleEF	LDT2	1.80	1.80
tblVehicleEF	LDT2	354.77	357.08
tblVehicleEF	LDT2	81.19	81.72
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	1.7350e-003	1.7370e-003
tblVehicleEF	LDT2	2.3440e-003	2.3470e-003
tblVehicleEF	LDT2	1.5960e-003	1.5980e-003
tblVehicleEF	LDT2	2.1550e-003	2.1580e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.12	0.12
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	1.06	1.06
tblVehicleEF	LDT2	1.48	1.48
tblVehicleEF	LDT2	393.11	395.66
tblVehicleEF	LDT2	81.19	81.72
tblVehicleEF	LDT2	0.08	0.08

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tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	1.7350e-003	1.7370e-003
tblVehicleEF	LDT2	2.3440e-003	2.3470e-003
tblVehicleEF	LDT2	1.5960e-003	1.5980e-003
tblVehicleEF	LDT2	2.1550e-003	2.1580e-003
tblVehicleEF	LDT2	0.16	0.16
tblVehicleEF	LDT2	0.17	0.17
tblVehicleEF	LDT2	0.12	0.12
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.16	0.16
tblVehicleEF	LDT2	0.17	0.17
tblVehicleEF	LDT2	0.12	0.12
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.79	0.79
tblVehicleEF	LDT2	2.24	2.24
tblVehicleEF	LDT2	344.50	346.74
tblVehicleEF	LDT2	81.19	81.72
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.17	0.17
tblVehicleEF	LDT2	1.7350e-003	1.7370e-003
tblVehicleEF	LDT2	2.3440e-003	2.3470e-003
tblVehicleEF	LDT2	1.5960e-003	1.5980e-003
tblVehicleEF	LDT2	2.1550e-003	2.1580e-003

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tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	MDV	1.32	1.32
tblVehicleEF	MDV	3.39	3.39
tblVehicleEF	MDV	479.92	483.04
tblVehicleEF	MDV	108.64	109.35
tblVehicleEF	MDV	0.16	0.16
tblVehicleEF	MDV	0.30	0.30
tblVehicleEF	MDV	1.8500e-003	1.8520e-003
tblVehicleEF	MDV	2.5310e-003	2.5340e-003
tblVehicleEF	MDV	1.7060e-003	1.7080e-003
tblVehicleEF	MDV	2.3270e-003	2.3300e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.12	0.12

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tblVehicleEF	MDV	0.26	0.26
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.29	0.29
tblVehicleEF	MDV	1.67	1.68
tblVehicleEF	MDV	2.78	2.78
tblVehicleEF	MDV	530.44	533.89
tblVehicleEF	MDV	108.64	109.35
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.28	0.28
tblVehicleEF	MDV	1.8500e-003	1.8520e-003
tblVehicleEF	MDV	2.5310e-003	2.5340e-003
tblVehicleEF	MDV	1.7060e-003	1.7080e-003
tblVehicleEF	MDV	2.3270e-003	2.3300e-003
tblVehicleEF	MDV	0.24	0.24
tblVehicleEF	MDV	0.25	0.25
tblVehicleEF	MDV	0.18	0.18
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.24	0.24
tblVehicleEF	MDV	0.25	0.25
tblVehicleEF	MDV	0.18	0.18
tblVehicleEF	MDV	0.05	0.05

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tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.23	0.23
tblVehicleEF	MDV	1.26	1.26
tblVehicleEF	MDV	4.24	4.24
tblVehicleEF	MDV	466.38	469.41
tblVehicleEF	MDV	108.64	109.35
tblVehicleEF	MDV	0.17	0.17
tblVehicleEF	MDV	0.34	0.34
tblVehicleEF	MDV	1.8500e-003	1.8520e-003
tblVehicleEF	MDV	2.5310e-003	2.5340e-003
tblVehicleEF	MDV	1.7060e-003	1.7080e-003
tblVehicleEF	MDV	2.3270e-003	2.3300e-003
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.32	0.32
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.35	0.35
tblVehicleTrips	CNW_TTP	0.00	50.00
tblVehicleTrips	CW_TTP	0.00	50.00
tblVehicleTrips	ST_TR	0.00	0.27

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tblVehicleTrips	SU_TR	0.00	0.27
tblVehicleTrips	WD_TR	0.00	0.27

2.0 Emissions Summary

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0330	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0265	0.9470	0.1324	9.3000e-004	0.0000	7.2000e-004	7.2000e-004	0.0000	6.8000e-004	6.8000e-004		98.8928	98.8928	0.0148		99.2633
Total	0.0595	0.9471	0.1401	9.3000e-004	0.0000	7.5000e-004	7.5000e-004	0.0000	7.1000e-004	7.1000e-004		98.9092	98.9092	0.0149	0.0000	99.2808

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	0.0330	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0265	0.9470	0.1324	9.3000e-004	0.0000	7.2000e-004	7.2000e-004	0.0000	6.8000e-004	6.8000e-004		98.8928	98.8928	0.0148		99.2633
Total	0.0595	0.9471	0.1401	9.3000e-004	0.0000	7.5000e-004	7.5000e-004	0.0000	7.1000e-004	7.1000e-004		98.9092	98.9092	0.0149	0.0000	99.2808

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2021	7/28/2021	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.72

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	0	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
Demolition	0	0.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

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

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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3.2 Demolition - 2021

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0265	0.9470	0.1324	9.3000e-004	0.0000	7.2000e-004	7.2000e-004	0.0000	6.8000e-004	6.8000e-004		98.8928	98.8928	0.0148		99.2633
Unmitigated	0.0265	0.9470	0.1324	9.3000e-004	0.0000	7.2000e-004	7.2000e-004	0.0000	6.8000e-004	6.8000e-004		98.8928	98.8928	0.0148		99.2633

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	20.03	20.03	20.03		
Total	20.03	20.03	20.03		

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
Parking Lot	10.00	5.00	6.50	50.00	0.00	50.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.350000	0.020000	0.130000	0.000000	0.000000	0.000000	0.000000	0.500000	0.000000	0.000000	0.000000	0.000000	0.000000

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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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	lb/day										lb/day					
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		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
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		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0330	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175
Unmitigated	0.0330	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175

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	5.7100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0266					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1000e-004	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175
Total	0.0330	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175

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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	lb/day										lb/day					
Architectural Coating	5.7100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0266					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1000e-004	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175
Total	0.0330	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175

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

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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

SKD-01 APN 215-0280-005 Truck Terminal - Sacramento County, Winter

**SKD-01 APN 215-0280-005 Truck Terminal
Sacramento County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	75.00	1000sqft	1.72	75,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2022
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

SKD-01 APN 215-0280-005 Truck Terminal - Sacramento County, Winter

Project Characteristics - Operational Emissions Only

Land Use - Paved area estimated from site plan.

Construction Phase - No construction this model.

Off-road Equipment - No construction this model.

Trips and VMT - No construction this model.

Vehicle Trips - 10 maximum truck trips per day (one-way) per applicant,
1 employee trip (i.e., truck driver commute) per truck trip assumed.
50% truck trips (C-NW) and 50% employee trips (C-W) assumed.

Vehicle Emission Factors - Factors adjusted for EPA SAFE Rule per CARB Off-Model EMFAQ Adjustment Factors.

Vehicle Emission Factors - Factors adjusted for EPA SAFE Rule per CARB Off-Model EMFAQ Adjustment Factors.

Vehicle Emission Factors - Factors adjusted for EPA SAFE Rule per CARB Off-Model EMFAQ Adjustment Factors.

Energy Use -

Fleet Mix - xx

Table Name	Column Name	Default Value	New Value
tblFleetMix	HHD	0.02	0.50
tblFleetMix	LDA	0.56	0.35
tblFleetMix	LDT1	0.04	0.02
tblFleetMix	LDT2	0.21	0.13
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.2450e-003	0.00
tblFleetMix	MCY	5.8840e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.6500e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	2.0310e-003	0.00
tblFleetMix	SBUS	6.1900e-004	0.00
tblFleetMix	UBUS	2.0540e-003	0.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblVehicleEF	LDA	0.61	0.61
tblVehicleEF	LDA	1.26	1.26
tblVehicleEF	LDA	252.52	254.16
tblVehicleEF	LDA	57.68	58.05
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	1.7730e-003	1.7750e-003
tblVehicleEF	LDA	2.2990e-003	2.3020e-003
tblVehicleEF	LDA	1.6350e-003	1.6370e-003
tblVehicleEF	LDA	2.1140e-003	2.1170e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.78	0.78
tblVehicleEF	LDA	1.03	1.03

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tblVehicleEF	LDA	280.47	282.29
tblVehicleEF	LDA	57.68	58.05
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	1.7730e-003	1.7750e-003
tblVehicleEF	LDA	2.2990e-003	2.3020e-003
tblVehicleEF	LDA	1.6350e-003	1.6370e-003
tblVehicleEF	LDA	2.1140e-003	2.1170e-003
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.13	0.13
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.13	0.13
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.58	0.58
tblVehicleEF	LDA	1.57	1.57
tblVehicleEF	LDA	245.02	246.62
tblVehicleEF	LDA	57.68	58.05
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	1.7730e-003	1.7750e-003

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tblVehicleEF	LDA	2.2990e-003	2.3020e-003
tblVehicleEF	LDA	1.6350e-003	1.6370e-003
tblVehicleEF	LDA	2.1140e-003	2.1170e-003
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	7.3210e-003	7.3220e-003
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	7.3210e-003	7.3220e-003
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.05
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDT1	1.36	1.36
tblVehicleEF	LDT1	3.32	3.32
tblVehicleEF	LDT1	313.76	315.80
tblVehicleEF	LDT1	71.71	72.18
tblVehicleEF	LDT1	0.13	0.13
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	2.6720e-003	2.6750e-003
tblVehicleEF	LDT1	3.4480e-003	3.4520e-003
tblVehicleEF	LDT1	2.4650e-003	2.4680e-003
tblVehicleEF	LDT1	3.1710e-003	3.1750e-003
tblVehicleEF	LDT1	0.16	0.16
tblVehicleEF	LDT1	0.31	0.31

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tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.20	0.20
tblVehicleEF	LDT1	0.23	0.23
tblVehicleEF	LDT1	0.16	0.16
tblVehicleEF	LDT1	0.31	0.31
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.20
tblVehicleEF	LDT1	0.25	0.25
tblVehicleEF	LDT1	1.70	1.70
tblVehicleEF	LDT1	2.71	2.71
tblVehicleEF	LDT1	346.93	349.19
tblVehicleEF	LDT1	71.71	72.18
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	2.6720e-003	2.6750e-003
tblVehicleEF	LDT1	3.4480e-003	3.4520e-003
tblVehicleEF	LDT1	2.4650e-003	2.4680e-003
tblVehicleEF	LDT1	3.1710e-003	3.1750e-003
tblVehicleEF	LDT1	0.41	0.41
tblVehicleEF	LDT1	0.40	0.40
tblVehicleEF	LDT1	0.25	0.25
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.41	0.41

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tblVehicleEF	LDT1	0.40	0.40
tblVehicleEF	LDT1	0.25	0.25
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.20	0.20
tblVehicleEF	LDT1	1.31	1.31
tblVehicleEF	LDT1	4.17	4.18
tblVehicleEF	LDT1	304.87	306.85
tblVehicleEF	LDT1	71.71	72.18
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.21	0.21
tblVehicleEF	LDT1	2.6720e-003	2.6750e-003
tblVehicleEF	LDT1	3.4480e-003	3.4520e-003
tblVehicleEF	LDT1	2.4650e-003	2.4680e-003
tblVehicleEF	LDT1	3.1710e-003	3.1750e-003
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.32	0.32
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.24	0.24
tblVehicleEF	LDT1	0.28	0.28
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.32	0.32
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.24	0.24
tblVehicleEF	LDT1	0.30	0.30

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tblVehicleEF	LDT2	0.83	0.83
tblVehicleEF	LDT2	1.80	1.80
tblVehicleEF	LDT2	354.77	357.08
tblVehicleEF	LDT2	81.19	81.72
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	1.7350e-003	1.7370e-003
tblVehicleEF	LDT2	2.3440e-003	2.3470e-003
tblVehicleEF	LDT2	1.5960e-003	1.5980e-003
tblVehicleEF	LDT2	2.1550e-003	2.1580e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.12	0.12
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	1.06	1.06
tblVehicleEF	LDT2	1.48	1.48
tblVehicleEF	LDT2	393.11	395.66
tblVehicleEF	LDT2	81.19	81.72
tblVehicleEF	LDT2	0.08	0.08

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tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	1.7350e-003	1.7370e-003
tblVehicleEF	LDT2	2.3440e-003	2.3470e-003
tblVehicleEF	LDT2	1.5960e-003	1.5980e-003
tblVehicleEF	LDT2	2.1550e-003	2.1580e-003
tblVehicleEF	LDT2	0.16	0.16
tblVehicleEF	LDT2	0.17	0.17
tblVehicleEF	LDT2	0.12	0.12
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.16	0.16
tblVehicleEF	LDT2	0.17	0.17
tblVehicleEF	LDT2	0.12	0.12
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.79	0.79
tblVehicleEF	LDT2	2.24	2.24
tblVehicleEF	LDT2	344.50	346.74
tblVehicleEF	LDT2	81.19	81.72
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.17	0.17
tblVehicleEF	LDT2	1.7350e-003	1.7370e-003
tblVehicleEF	LDT2	2.3440e-003	2.3470e-003
tblVehicleEF	LDT2	1.5960e-003	1.5980e-003
tblVehicleEF	LDT2	2.1550e-003	2.1580e-003

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tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	MDV	1.32	1.32
tblVehicleEF	MDV	3.39	3.39
tblVehicleEF	MDV	479.92	483.04
tblVehicleEF	MDV	108.64	109.35
tblVehicleEF	MDV	0.16	0.16
tblVehicleEF	MDV	0.30	0.30
tblVehicleEF	MDV	1.8500e-003	1.8520e-003
tblVehicleEF	MDV	2.5310e-003	2.5340e-003
tblVehicleEF	MDV	1.7060e-003	1.7080e-003
tblVehicleEF	MDV	2.3270e-003	2.3300e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.12	0.12

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tblVehicleEF	MDV	0.26	0.26
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.29	0.29
tblVehicleEF	MDV	1.67	1.68
tblVehicleEF	MDV	2.78	2.78
tblVehicleEF	MDV	530.44	533.89
tblVehicleEF	MDV	108.64	109.35
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.28	0.28
tblVehicleEF	MDV	1.8500e-003	1.8520e-003
tblVehicleEF	MDV	2.5310e-003	2.5340e-003
tblVehicleEF	MDV	1.7060e-003	1.7080e-003
tblVehicleEF	MDV	2.3270e-003	2.3300e-003
tblVehicleEF	MDV	0.24	0.24
tblVehicleEF	MDV	0.25	0.25
tblVehicleEF	MDV	0.18	0.18
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.24	0.24
tblVehicleEF	MDV	0.25	0.25
tblVehicleEF	MDV	0.18	0.18
tblVehicleEF	MDV	0.05	0.05

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tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.23	0.23
tblVehicleEF	MDV	1.26	1.26
tblVehicleEF	MDV	4.24	4.24
tblVehicleEF	MDV	466.38	469.41
tblVehicleEF	MDV	108.64	109.35
tblVehicleEF	MDV	0.17	0.17
tblVehicleEF	MDV	0.34	0.34
tblVehicleEF	MDV	1.8500e-003	1.8520e-003
tblVehicleEF	MDV	2.5310e-003	2.5340e-003
tblVehicleEF	MDV	1.7060e-003	1.7080e-003
tblVehicleEF	MDV	2.3270e-003	2.3300e-003
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.32	0.32
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.35	0.35
tblVehicleTrips	CNW_TTP	0.00	50.00
tblVehicleTrips	CW_TTP	0.00	50.00
tblVehicleTrips	ST_TR	0.00	0.27

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tblVehicleTrips	SU_TR	0.00	0.27
tblVehicleTrips	WD_TR	0.00	0.27

2.0 Emissions Summary

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0330	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0245	0.9106	0.1957	8.1000e-004	0.0000	1.0000e-003	1.0000e-003	0.0000	9.6000e-004	9.6000e-004		85.9182	85.9182	0.0171		86.3444
Total	0.0575	0.9106	0.2034	8.1000e-004	0.0000	1.0300e-003	1.0300e-003	0.0000	9.9000e-004	9.9000e-004		85.9346	85.9346	0.0171	0.0000	86.3619

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	0.0330	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0245	0.9106	0.1957	8.1000e-004	0.0000	1.0000e-003	1.0000e-003	0.0000	9.6000e-004	9.6000e-004		85.9182	85.9182	0.0171		86.3444
Total	0.0575	0.9106	0.2034	8.1000e-004	0.0000	1.0300e-003	1.0300e-003	0.0000	9.9000e-004	9.9000e-004		85.9346	85.9346	0.0171	0.0000	86.3619

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2021	7/28/2021	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.72

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	0	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
Demolition	0	0.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

SKD-01 APN 215-0280-005 Truck Terminal - Sacramento County, Winter

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

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

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000

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3.2 Demolition - 2021

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0245	0.9106	0.1957	8.1000e-004	0.0000	1.0000e-003	1.0000e-003	0.0000	9.6000e-004	9.6000e-004		85.9182	85.9182	0.0171		86.3444
Unmitigated	0.0245	0.9106	0.1957	8.1000e-004	0.0000	1.0000e-003	1.0000e-003	0.0000	9.6000e-004	9.6000e-004		85.9182	85.9182	0.0171		86.3444

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	20.03	20.03	20.03		
Total	20.03	20.03	20.03		

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
Parking Lot	10.00	5.00	6.50	50.00	0.00	50.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.350000	0.020000	0.130000	0.000000	0.000000	0.000000	0.000000	0.500000	0.000000	0.000000	0.000000	0.000000	0.000000

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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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	lb/day										lb/day					
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		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
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		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0330	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175
Unmitigated	0.0330	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175

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	5.7100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0266					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1000e-004	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175
Total	0.0330	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175

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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	lb/day										lb/day					
Architectural Coating	5.7100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0266					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1000e-004	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175
Total	0.0330	7.0000e-005	7.6700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0164	0.0164	4.0000e-005		0.0175

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

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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
