

Appendix D

Air Quality Appendix

D1 Proposed Project AQ and GHG Emissions Phase 1

D2 Proposed Project AQ and GHG Emissions Phase 2

Appendix D1

Proposed Project AQ and GHG Emissions Phase 1

D1.1 Phase 1 Summary AQ and GHG Emissions

D1.2 Phase 1 Truck Emissions SLO County

D1.3 Phase 1 Marine Emissions SLO County

D1.4 Phase 1 Waste SLO County

D1.5 Phase 1 Truck Emissions SB County

D1.6 Phase 1 Rail Emissions SB County

D1.7 Phase 1 Truck Emissions Outside SLO/SB

D1.8 Phase 1 Rail Emissions Outside SLO/SB

D1.9 Phase 1 CalEEMod SLO County

D1.10 Phase 1 CalEEMod SB County

Appendix D1.1

Phase 1 Summary AQ and GHG Emissions

Appendix for Phase 1
 calculations from PG&E, 2022A

Annual and Maximum Quarterly Emissions Summary - SLOAPCD

Table 1.1 Annual Project Emissions Summary - SLOAPCD

	NOx	ROG	PM10	PM2.5	CO	SOx
	ton/year					
Total Project Emissions	26.27	2.51	2.80	1.18	51.41	0.10
	pounds/day					
Daily Maximum Emissions (Mitigated)	341.50	28.96	28.50	13.61	463.37	82.21

Table 1.2 Maximum Estimated Quarterly and Daily Emissions - SLOAPCD

Emission Source	ROG+NOx	Exhaust PM10	Fugitive PM10		ROG+NOx	Exhaust PM10
	tons/quarter				lb/day	
DCPP Decommissioning	8.5	0.07	0.52		214	5
DCPP Harbor Tugboat	0.3	0.01	0		13	0.4
Waste Transportation	3.1	0.01	3.38E-03		144	4
Total	11.9	0.09	0.52		370	10

Annual and Maximum Daily Emissions Summary - SBCAPCD

Table 1.3 Annual Project Emissions Summary - SBCAPD

	NOx	ROG	PM10	PM2.5	CO	SOx
	ton/year					
Total Project Emissions	0.64	0.09	0.02	0.02	3.03	0.01

Table 1.4 Maximum Estimated Daily Emissions Summary - SBCPACD

	NOx	ROG	PM10	PM2.5	CO	SOx
	pounds/day					
Total Project Emissions	6.32	0.76	0.24	0.17	24.30	0.06

Annual Project Emissions Summary - Other Districts

Table 1.5 Annual Project Emissions Summary - Other Air Districts

Air District	NOx	ROG	PM10	PM2.4	CO	SOx	NOx + ROG
	ton/year						
VCAPCD	0.034	0.001	0.001	0.001	0.012	0.000	0.035
SCAQMD	0.143	0.003	0.005	0.003	0.034	0.001	0.146
SJVAPCD	0.054	0.001	0.003	0.001	0.008	0.000	0.055
MDAQMD	0.191	0.006	0.005	0.004	0.058	0.000	0.197

Total Project GHG Emissions in SLO County

Table 2.1 GHG Emissions by Project Year

Year	Activity Level	SLOCAPCD		SBCAPCD		SJVAPCD	SCAQMD	VCAPCD	MDAQMD	Intl.	Total Project Amortized GHG Emissions (MT/yr)	
		DCPP Onsite Decommissioning ¹	Waste Transportation ³	SMVRR Activities	Waste Transportation	Waste Transportation	Waste Transportation	Waste Transportation	Waste Transportation	Waste Transportation ⁶		
MT/yr												
2024	0.2%	132	322	659	10	25	36	4	47	1062	10402	
2025	5.9%	3888	322	659	10	25	36	4	47	1062		
2026	9.7%	6392	322	659	10	25	36	4	47	1062		
2027	10.1%	6656	322	659	10	25	36	4	47	1062		
2028	6.7%	4415	322	659	10	25	36	4	47	1062		
2029	9.9%	6524	322	659	10	25	36	4	47	1062		
2030	7.8%	5140	322	659	10	25	36	4	47	1062		
2031	9.5%	6261	322	659	10	25	36	4	47	1062		
2032	11.1%	7315	322	659	10	25	36	4	47	1062		
2033	12.5%	8238	322	659	10	25	36	4	47	1062		
2034	9.7%	6392	322	659	10	25	36	4	47	1062		
2035	6.7%	4415	322	659	10	25	36	4	47	1062		
MT												
Total GHG Emissions by Activity		65770	3868	7904	116	296	437	51	563	12740		91744
Total GHG Emissions by Activity Amortized Over Project Life		2631	155	316	5	12	17	2	23	510		

- Notes:
- DCPP Onsite Decommissioning GHG emissions were calculated by scaling the worst-case year for GHG emissions (2033) emissions based on activity level.
 - SLOCAPCD Handbook calculation guidance for GHG calculations calls for amortizing GHG emissions over the length of the project life, which is prescribed as 25 years for industrial projects.
 - Waste transportation GHG emissions in SLOCAPCD include truck travel, tugboat emissions along the barge route within SLO County, and tug maneuvering in DCPP harbor.
 - Waste transportation throughout each air district will not be of the same magnitude throughout the entire project. To present a conservative estimate, it has been assumed that the annual emissions calculated for each air district will be emitted during each year of the Project.
 - Total Project Amortized GHG emissions includes subtraction of baseline GHG emission values as shown in Table 12.1
 - Waste transportation GHG Emissions from barge to OR.

Baseline Onsite GHG Emissions Estimate

Table 2.2 Baseline GHG Emission Summary

Source	Annual Emissions		
	Mobile	Stationary	Total
	MT CO2e/yr		
Mobile Source	4,728	613	5,341

Table 2.3 Baseline Mobile Source GHG Emissions

				Daily Emissions (g/day)				Annual
	trips/day	miles/trip	daily miles	CO2	CH4	N2O	CO2e	CO2e
				1	28	298	<-- GWP	MTCO2e/year
Worker Trips	2800	20	56000	12883151	94	224	12952655	4727.72

Table 2.4 Baseline Stationary Source GHG Emissions

	Year	Gallons of Diesel	Average gallons	MT CO2e / year
		fuel burned	burned /year	
Diesel fuel burne	2021	60,217	60,079	613.19
	2020	43,027		
	2019	76,992		

Sidebar: Energy Consumption Equivalent, Phase 1 Barrels of Oil

MT CO2e/year	Gallons of oil	Barrels of oil per year	
		Barrels of oil	(8 years)
91,744	8,994,476	214,154	26,769

	LDA	LDT1	LDT2
CH4_RUNEX	0.00167	0.003702	0.003358
CO2_RUNEX	230.056263	278.928466	298.12304
N2O_RUNEX	0.004008	0.005987	0.006359

Units
 g/mile RUNEX

Conversions
 73.96 kgCO2e/mmBtu of diesel
 0.138 mmBtu/gallon of diesel
 1000 kg/ton

* Conversions from from 40 CFR 98 - <https://www.ecfr.gov/current/title-40/part-98/subpart-C/appendix-Table%20C-1%20to%20Subpart%20C%20of%20Part%2098>

DCPP Construction Emissions

Table 3.1 DCPP Unmitigated Construction Emissions for Both Worst-Case Years (2026 and 2033)

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	CO2e	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	CO2e
	tons/yr											MT/yr	pounds/day									
2026	3.32	20.47	26.57	0.07	2.00	0.75	2.75	0.47	0.71	1.19	6371	43.62	282.94	357.08	0.83	19.04	10.39	29.44	4.48	9.89	14.64	78646.55
2033	3.94	16.37	34.35	0.09	1.37	0.37	1.73	0.30	0.37	0.68	8238	41.02	191.48	364.18	0.94	13.27	3.86	17.14	2.95	4.86	8.09	92663.21

Table 3.2 DCPP Mitigated Construction Emissions for Both Worst-Case Years (2026 and 2033)

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	CO2e	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	CO2e
	tons/yr											MT/yr	pounds/day									
2026	1.34	12.49	35.13	0.07	2.00	0.27	2.27	0.47	0.27	0.75	6371	16.02	197.98	426.67	0.83	19.04	4.22	23.26	4.48	4.21	8.97	78646.55
2033	1.22	13.72	43.93	0.09	1.37	0.36	1.73	0.30	0.36	0.67	8238	12.99	177.92	456.99	0.94	13.27	4.70	17.98	2.95	4.70	7.93	10663.21

Notes:

- Source of information - CalEEMod outputs for each respective model run. Daily emissions (pounds/day) are the maximum of the summer and winter CalEEMod runs. Plus scraper emissions calculated in Table 3.7
- 9 hour working days to account for breaks and start up/shut down time for equipment
- 2026 emissions - mixed Tier 3 and Tier 4 Final to account for different tiered engines coming into fleet mix by 2026.
For equipment with HP < 100: assumed Tier 4 Interim designation
For equipment with HP > 100: assumed Tier 4 Final designation
Tractors/Loaders/Backhoes had pieces of equipment with HP greater than and less than 100HP; used Tier 3 designation for all pieces of equipment in this category to be conservative.
- 2033 emissions - mixed Tier 4 Interim and Tier 4 Final to account for different tiered engines coming into fleet mix by 2033.
For equipment with HP < 50: assumed Tier 4 Interim designation
For equipment with HP > 50: assumed Tier 4 Final designation

Table 3.3 DCPP Maximum Quarterly Emissions - Outputs from CalEEMod Plus Scraper Emissions

Year	Quarter	Max Unmitigated ROG + NOx	Max Mitigated ROG + NOx
		tons/qtr	tons/qtr
2026	1	10.913	5.509
2026	2	9.689	4.950
2026	3	12.564	7.621
2026	4	<u>13.168</u>	<u>8.484</u>
2033	1	9.882	7.108
2033	2	9.571	7.429
2033	3	<u>10.285</u>	<u>7.684</u>
2033	4	9.843	6.603

Notes:

- Underlined values are maximum quarterly emissions for each modeled year. Highest occurring value used as conservative estimate of construction-related ROG+NOx emissions for impact analysis.

Table 3.4 DCP Maximum Quarterly Emissions - Calculated PM Emissions

Year	Unmitigated Exhaust PM	Unmitigated Fugitive PM10	Mitigated Exhaust PM	Mitigated Fugitive PM10
	tons/qtr			
2026	0.188	0.501	0.068	0.500
2033	0.092	0.341	0.090	0.341

Notes:

1. Calculated based on annual CalEEMod outputs for unmitigated and mitigated exhaust PM10 and fugitive PM10 in Tables 3.1 and 3.2
2. Underlined values are estimated maximum quarterly emissions for each modeled year. Highest occurring value used as conservative estimate of construction related exhaust PM and fugitive PM10 emissions for impact analysis.

Table 3.5 DCP Fugitive Dust Emissions from Material Loading/Handling

	Material Amount		Emission Factors		Daily Emissions		Quarterly Emissions		Annual Emissions	
			PM10	PM2.5	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
	ton/day	ton/year	lb/ton	lb/ton	lb/day	lb/day	ton/qtr	ton/qtr	ton/yr	ton/yr
Material unloading	1,042	216,686	0.00015	0.000022	1.51E-01	2.29E-02	3.94E-03	5.96E-04	1.57E-02	2.38E-03

Notes:

1. Calculation methodology source: AP-42 p. 13.2.4-3
2. Represents dust from materials handling for cut and fill balance of grading
3. Emission factor (lb/ton) = $(k)(0.0032)[(U/5)^{1.3}]/[(M/2)^{1.4}]$
 k = Particle size constant (0.35 for PM10 and 0.053 for PM2.5)
 U = average wind speed = 3.2 m/s for SLO County (7.158 miles/hour [mph]) (CalEEMod default)
 M = moisture content = 12% (CalEEMod default)

4. Parameters

Source	Cubic yards
Material for Cut and Fill across Site	943,966
Materials for Filling Tunnels	196,000
Material for Filling Discharge Structure	18,740
Estimated Total Material	1,158,706
Assumed Material Handling Quantity for Fugitive Dust Emissions	1,200,000

For conservative estimate, rounded estimated total material up to nearest one hundred thousand.

Item	Value	Unit
Material to be used for cut and fill balance of grading	1,200,000	CY
Material density	1.26	ton/CY
Duration of material handling activities	7.00	years
Estimated annual material handling quantity	216,686	ton/yr
Estimated daily material handling quantity	1,042	ton/day

Material handling period 2027-2034
Based on 4 days/week, 52 weeks/yr

Table 3.6 DCP Fugitive Dust Emissions from Grading

	Disturbed Area Onsite ¹	Acreage Graded/day ²	Number of Days to Grade Site ³	Grader VMT		Emission Factors		Daily Emissions		Quarterly Emissions		Annual Emissions	
				miles/day	miles/yr	PM10 lb/VMT	PM2.5 lb/VMT	PM10 lb/day	PM2.5 lb/day	PM10 ton/qtr	PM2.5 ton/qtr	PM10 ton/yr	PM2.5 ton/yr
	acres	acres/day	days										
Grading	101	0.5	202	0.34	69.4375	1.54	0.17	5.30E-01	5.73E-02	1.34E-02	1.45E-03	5.36E-02	5.78E-03

Notes:

1. Disturbed area onsite based on Grading Plan.
2. Acreage graded per day assumes grader for equipment type per CalEEMod User Guide, Appendix A, Section 4.3.
3. Number of days to grade the site assumes grader is operated continuously until estimated disturbed area is graded. This results in a conservative annual estimate because grading activities are anticipated to occur over 2027-2034 (7 years) during material handling activities.
4. Calculation methodology source: AP-42 p. 11.9-5 as cited by CalEEMod User Guide, Appendix A, section 4.3
5. Grader Emission factors calculated as follows:
 EF (PM10) = $(0.6)(0.051)^S \times S^2$
 EF (PM2.5) = $(0.031)(0.04)^S \times S^{2.5}$

Where:

EF = emission factor (lb/VMT)
 S = mean vehicle speed (mph). AP-42 default is 7.1 mph
 F (PM2.5) = PM2.5 scaling factor = 0.031 (AP-42 default)
 F (PM10) = PM10 scaling factor = 0.6 (AP-42 default)

6. Grader VMT calculated based on:

$$VMT = As/Wb \times 43,560 \text{ (sqft/acres)} / 5,280 \text{ (ft/mile)}$$

Where:

VMT = vehicle miles traveled (miles)
 As = the acreage of the grading site (acres)
 Wb = blade width = 12 ft (CalEEMod default)

5. Scraper Emission factors calculated as follows:

Table 3.7 DCP Emissions from Scraping

	Disturbed Area Onsite ¹	Acreage Graded/day ²	Number of Days to Grade Site ³	Scrapper Emission Factors								CO2e	
				Scaper Load Factor	NOx	CO	SO2	PM10	PM2.5	CO2	CH4		
				scrapper hp			g/bhp-hr						
				Scrapers									
				0.48									
				367									
				2024 ⁴	0.25	2.48		1.92	0.01	0.10	0.09	472.85	0.15
					Scrapper Emissions								
					ROG	NOx	CO	SO2	PM10	PM2.5	CO2	CH4	
					pounds/day								
					0.76	7.70	5.97	0.02	0.30	0.28	1469.10	0.48	1482.406
					tons/year								
Scraping	101	1	101		0.04	0.39	0.30	0.00	0.02	0.01	74.19	0.02	74.86153

Notes:

1. Disturbed area onsite based on Grading Plan.
2. Material graded per day assumes scraper for equipment type per CalEEMod User Guide, Appendix A, Section 4.3.
3. Number of days to grade the site assumes grader is operated continuously until estimated disturbed area is graded. This results in a conservative annual estimate because grading activities are anticipated to occur over 2027-2034 (7 years) during material handling activities.
4. Used 2024 Emission Factor Values from CalEEMod 2020.4.0 Appendix D

Gram to Pound
 0.00220462
 pounds to tons
 0.0005

Table 3.8 DCP Unmitigated Construction Emissions for Both Worst-Case Years (2026 and 2033) CalEEMod Output

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	CO2e	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	CO2e
	tons/yr											MT/yr	pounds/day									
2026	3.28	20.08	26.27	0.07	1.99	0.75	2.74	0.47	0.71	1.18	6296	42.85	275.24	351.12	0.82	18.74	10.39	29.13	4.48	9.89	14.37	77164
2033	3.90	15.98	34.05	0.09	1.35	0.37	1.72	0.30	0.37	0.67	8163	40.26	183.79	358.21	0.93	12.97	3.86	16.83	2.95	4.86	7.81	91181

DCPP Decommissioning Project
APPENDIX D1. PROPOSED PROJECT AQ AND GHG EMISSIONS PHASE 1

Table 3.9 DCPP Mitigated Construction Emissions for Both Worst-Case Years (2026 and 2033) CalEEMod Output

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	CO2e	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	CO2e	
																							tons/yr
												MT/yr											
2026	1.30	12.10	34.82	0.07	1.99	0.27	2.26	0.47	0.27	0.74	6296	15.26	190.28	420.71	0.82	18.74	4.22	22.96	4.48	4.21	8.69	77164	
2033	1.18	13.33	43.63	0.09	1.35	0.36	1.71	0.30	0.36	0.66	8163	12.23	170.22	451.02	0.93	12.97	4.70	17.67	2.95	4.70	7.65	9181	

- Notes:
1. Source of information - CalEEMod outputs for each respective model run. Daily emissions (pounds/day) are the maximum of the summer and winter CalEEMod runs.
 2. 9 hour working days to account for breaks and start up/shut down time for equipment
 3. 2026 emissions - mixed Tier 3 and Tier 4 Final to account for different tiered engines coming into fleet mix by 2026.
For equipment with HP < 100: assumed Tier 4 Interim designation
For equipment with HP > 100: assumed Tier 4 Final designation
Tractors/Loaders/Backhoes had pieces of equipment with HP greater than and less than 100HP; used Tier 3 designation for all pieces of equipment in this category to be conservative.
 4. 2033 emissions - mixed Tier 4 Interim and Tier 4 Final to account for different tiered engines coming into fleet mix by 2033.
For equipment with HP < 50: assumed Tier 4 Interim designation
For equipment with HP > 50: assumed Tier 4 Final designation
 5. Tables 3.8 and 3.9 do not include scraper emissions

Table 3.3 DCPP Maximum Quarterly Emissions - Outputs from CalEEMod

Year	Quarter	Max Unmitigated ROG + NOx	Max Mitigated ROG + NOx
		tons/qtr	tons/qtr
2026	1	5.072	2.160
2026	2	3.849	1.600
2026	3	6.724	4.271
2026	4	7.327	5.135
2033	1	4.911	3.481
2033	2	4.601	3.802
2033	3	5.315	4.057
2033	4	4.872	2.976

Santa Barbara County Emissions

Table 4.1 Emissions in Santa Barbara County via Betteravia Railyard

Emission Source	NOx	ROG	PM10	PM2.5	CO	SO2	NOx	ROG	PM10	PM2.5	CO	SO2
	tons/year						pounds/day					
Onsite Equipment	4.04E-01	7.28E-02	1.36E-02	1.58E-02	2.69E+00	5.73E-03	3.10	0.56	0.17	0.12	20.63	0.04
Railcar Mover	1.70E-01	1.44E-02	2.56E-03	2.48E-03	3.12E-01	1.08E-03	1.63	0.14	0.02	0.02	2.99	0.01
Truck Transport	2.75E-03	9.37E-05	9.60E-05	4.59E-05	1.29E-03	1.15E-05	0.95	0.033	0.031	0.014	0.453	0.0040
Rail Transport	6.70E-02	2.48E-03	1.45E-03	1.41E-03	2.41E-02	8.69E-05	0.64	0.02	0.01	0.01	0.23	0.001
Total	0.6439	0.0897	0.0177	0.0197	3.0270	0.0069	6.3	0.8	0.2	0.2	24.3	0.1

SMVRR Onsite Equipment Emissions

Table 4.2 SMVRR Mitigated Daily Emissions from Onsite Equipment

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	CO2e
	pounds/day										
2024	<u>5.61E-01</u>	<u>3.10E+00</u>	<u>2.06E+01</u>	<u>4.40E-02</u>	<u>6.32E-02</u>	<u>1.04E-01</u>	<u>1.68E-01</u>	<u>1.68E-02</u>	<u>1.04E-01</u>	<u>1.21E-01</u>	<u>4.68E+03</u>
2025	5.60E-01	3.09E+00	2.06E+01	4.40E-02	6.32E-02	1.04E-01	1.68E-01	1.68E-02	1.04E-01	1.21E-01	4.68E+03
2026	5.58E-01	3.09E+00	2.06E+01	4.40E-02	6.32E-02	1.04E-01	1.68E-01	1.68E-02	1.04E-01	1.21E-01	4.68E+03
2027	5.57E-01	3.09E+00	2.06E+01	4.40E-02	6.32E-02	1.04E-01	1.68E-01	1.68E-02	1.04E-01	1.21E-01	4.68E+03
2028	5.56E-01	3.09E+00	2.06E+01	4.39E-02	6.32E-02	1.04E-01	1.68E-01	1.68E-02	1.04E-01	1.21E-01	4.67E+03

- Note:
 1. Taken from SMVRR Winter CalEEMod run (see CalEEMod Outputs tab)
 2. Maximum emissions are denoted in **bold underline**.

Table 4.3 SMVRR Mitigated Annual Emissions from Onsite Equipment

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	CO2e
	tons/year										MT/year
2024	6.17E-03	4.08E-03	2.27E-01	4.80E+00	6.80E-04	1.15E-03	1.88E-03	8.00E-05	1.15E-03	1.34E-03	4.67E+01
2025	<u>7.28E-02</u>	<u>4.04E-01</u>	<u>2.69E+00</u>	<u>5.73E-03</u>	<u>8.06E-03</u>	<u>1.36E-02</u>	<u>1.36E-02</u>	<u>2.14E-03</u>	<u>1.36E-02</u>	<u>1.58E-02</u>	<u>5.54E+02</u>
2026	7.26E-02	4.04E-01	2.69E+00	5.73E-03	8.06E-03	1.36E-02	2.17E-02	2.14E-03	1.37E-02	1.58E-02	5.54E+02
2027	7.24E-02	4.03E-01	2.69E+00	5.73E-03	8.06E-03	1.36E-02	2.17E-02	2.14E-03	1.36E-02	1.58E-02	5.54E+02
2028	7.06E-02	3.94E-01	2.62E+00	5.60E-03	7.87E-03	1.33E-02	2.12E-02	2.09E-03	1.33E-02	1.54E-02	5.41E+02

- Notes:
 1. Based on equipment in Equipment Assumptions tab. Emissions resulting from the use of only one railyard is presented here.
 2. Rail transport scheduled to occur 2024-2029; this schedule is included in the CalEEMod inputs.
 3. Source of information - SMVRR Generators_Annual.pdf
 4. Assumes 4 hours/day operating schedule based on potential number of trucks that will need to be unloaded per day using the gantry lift system that the generators will power.
 5. Mitigated emissions account for Tier 4 final for equipment >100 hp and Tier 4 interim for equipment <100 hp.
 6. Maximum emissions are denoted in **bold underline**.

SMVRR Railcar Mover Emissions

Table 4.4 SMVRR Railcar Mover Estimated Annual Emissions

Railyard	Annual Emissions							Maximum Daily Emissions						
	NOx	ROG	PM10	PM2.5	CO	SOx	CO2e	NOx	ROG	PM10	PM2.5	CO	SOx	CO2e
	ton/year							MT/year	pounds/day					
Betteravia	0.170	0.014	0.003	0.002	0.312	0.001	104.742	1.634	0.138	0.025	0.024	2.990	0.010	1107.137

- Notes:
 1. Assumes 3 hours per day and 4 days per week throughout Period 1 (2024-2029) of waste transport when waste is anticipated to be shipped to SMVRR for transport by rail.
 2. Assumes fuel consumption of 15 gal/hr based on comparable equipment. <https://www.petersonpower.com/sites/power/files/paragraphs/document/C7.1%20200kW%20TSS%20LEHE1585-00.pdf>
 3. See Rail Emissions for further information.

Appendix D1.2

Phase 1 Truck Emissions SLO County

Emission Summary

Table 5.1a Annual Truck Emissions SLO County Summary

	Annual Emissions						
	NOx	ROG	PM10	PM2.5	CO	SO2	CO ₂ e
	ton/year						MT/year
Direct Truck (maximum)	0.30	0.0044	0.014	0.01	0.05	0.00	166.81
Truck to SMVR	0.29	0.0042	0.013	0.01	0.05	0.00	159.52

Notes:

1. Maximum includes all truck emissions occurring in the same year. Not actually the case because some routes/destinations are in Period 1 vs Period 2.

Table 5.1b Daily Truck Emissions SLO County Summary

	Daily Emissions						
	NOx	ROG	PM10	PM2.5	CO	SO2	CO ₂ e
	lb/day						
Direct Truck (maximum)	9.26	0.14	0.43	0.19	1.58	0.05	5667.53
Truck to SMVR	7.23	0.13	0.32	0.14	1.52	0.04	4307.46

Truck Trip Information

Table 5.2 Long Haul Trucks

Trip Number	Truck Type	Waste Type	Waste Route ¹	Number of Shipments	Weight per Shipment	Total Weight
				no. trips	tons/shipment	tons
1	Long Haul Truck	Hazardous/Regulated	Nevada	277	20	5519
2	Long Haul Truck	Radioactive waste (Class B&C)	Andrews, TX (WCS)	10	37	370
3a	Long Haul Truck	Large Component Class A	Clive, UT	20	125	2503
3b	Long Haul Truck	Large Component Class A	Andrews, TX (WCS)	20	125	2503
3c.1	Long Haul Truck	Large Component Class A	SMVRR - Betteravia	20	125	2503
4a	Crawler truck	Large Component Class A	Clive, UT	126	125	5257
4b	Crawler truck	Large Component Class A	Andrews, TX (WCS)	126	125	5257
4c.1	Crawler truck	Large Component Class A	SMVRR - Betteravia	126	125	5257
5a	Long Haul Truck	RPV/RVI Class A/B/C	Clive, UT	58	9	517
5b	Long Haul Truck	RPV/RVI Class A/B/C	Andrews, TX (WCS)	58	9	517
6a.1	Long Haul Truck	RPV/RVI Class A/B/C	SMVRR - Betteravia	37	14	513
6b	Long Haul Truck	RPV/RVI Class A/B/C	Andrews, TX (WCS)	37	14	513
8	Long Haul Truck	Recyclable Materials	Port of Long Beach	42	20	823
9	Long Haul Truck	Class A Waste	Clive, UT	4	3056	12223
10	Long Haul Truck	Topsoil Import	DCPP	1760	0	0
11	Long Haul Truck	Clean debris and soil	Arizona	60	20	1184
14	Long Haul Truck	Concrete	DCPP	142	0	0

Notes:

1. Waste routes are assumed to be direct routes from DCPP to the final destination listed.
2. Assumed 1760 trips to import topsoil.
3. Weight not included for Trip 10 and 14 because it does not factor into the emissions calculation.

Crawler Prime Mover Assumptions

Route	Waste Type	Number of Prime Movers
SMVRR	Legacy components	24

Routes and Trip Counts

Table 5.3 Trip Counts SLO County

Truck Type	Period	Trip Number	Waste Type	Waste Route ¹	Number of Round Trips per Year	Miles per Round Trip per Vehicle	Total Miles per Year	Number of Round Trips per Day	Miles per Day
					trips/year	VMT/RT/Vehicle	VMT/year	trips/day	VMT/day
Long Haul Truck	Period 1+2	1	Hazardous/Regulated	Nevada	39	158.2	6191.5	1.00	158.24
Long Haul Truck	Period 1	2	Radioactive waste (Class B&C)	Andrews, TX (WCS)	2	158.2	311.4	1.00	158.24
Long Haul Truck	Period 1	3a	Large Component Class A	Clive, UT	4	158.2	622.7	1.00	158.24
Long Haul Truck	Period 1	3b	Large Component Class A	Andrews, TX (WCS)	4	158.2	622.7	1.00	158.24
Long Haul Truck	Period 1	3c.1	Large Component Class A	SMVRR - Betteravia	4	64.5	253.7	2.00	128.92
Crawler truck	Period 1	4a	Large Component Class A	Clive, UT	25	158.2	3923.1	1.00	158.24
Crawler truck	Period 1	4b	Large Component Class A	Andrews, TX (WCS)	25	158.2	3923.1	1.00	158.24
Crawler truck	Period 1	4c.1	Large Component Class A	SMVRR - Betteravia	25	64.5	1598.1	2.00	128.92
Long Haul Truck	Period 1	5a	RPV/RVI Class A/B/C	Clive, UT	11	158.2	1805.9	1.00	158.24
Long Haul Truck	Period 1	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	11	158.2	1805.9	1.00	158.24
Long Haul Truck	Period 1	6a.1	RPV/RVI Class A/B/C	SMVRR - Betteravia	7	64.5	469.3	2.00	128.92
Long Haul Truck	Period 1	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	7	158.2	1152.0	1.00	158.24
Long Haul Truck	Period 2	8	Recyclable Materials	Port of Long Beach	21	158.2	3327.6	1.00	158.24
Long Haul Truck	Period 1b	9	Class A Waste	Clive, UT	1	158.2	158.2	1.00	158.24
Long Haul Truck	Period 1b	10	Topsoil Import	DCPP	440	154.2	67848.0	2.00	308.40
Long Haul Truck	Period 2	11	Clean debris and soil	Andrews, TX (WCS)	30	158.2	4753.7	1.00	158.24
Long Haul Truck	Cofferdam	14	Concrete	DCPP	142	154.2	21896.4	1.00	154.20

Notes:

1. Scenario/Period specified to reference time assumptions included below.
2. Assumed 77.1 miles one-way travel to import topsoil that is sourced from a location furthest from the site in San Luis Obispo County, at a TBD location. Also assumes maximum of 2 trips per day over Period 2 (2030-2033).
3. Updated maximum number of trucks per day to SMVR sites to 2 trucks per day per SBCAPCD comments in May 2022.
4. For trips aside from those to SMVR (1, 2, 3a/b, 4a/b, 5a/b, 6b, 8, 19, 11, 14), estimated number of trips per day, when calculated based on trips per year, is less than 1. To conservatively represent a maximum number of trips per day, these are rounded to 1.

Time Assumptions

Period	Start Date	End Date	Days	Years
Period 1	12/2/2024	12/31/2029	1855	5.082
Period 1b	1/1/2030	12/31/2033	1460	4.000
Period 2	1/1/2034	12/31/2035	729	1.997
Period 1+2			2584	7.079
Cofferdam	1/1/2027	1/1/2028	365	1.000

Emission Factors

Table 5.4 Total EFs (Diesel and Tire Wear Emission Factors)

Vehicle Type	Emission Factor	Emission Factor Description	Unit	NOx	ROG	PM10	PM2.5	CO	SO ₂	CO ₂ e
Long Haul Truck	EF1	Running exhaust, tire and brake wear particulate emissions	g/mile	2.2288	0.0216	0.1128	0.0498	0.1963	0.0132	1458
Crawler Truck	EF1	Running exhaust, tire and brake wear particulate emissions	g/mile	2.1603	0.0190	0.1243	0.0609	0.1711	0.0119	1315
Long Haul Truck	EF2	Start exhaust tailpipe	g/trip	3.5424	--	--	--	--	--	--
Crawler Truck	EF2	Start exhaust tailpipe	g/trip	1.8520	--	--	--	--	--	--
Long Haul Truck	EF3	Idle exhaust, diurnal evaporative HC emissions, resting evaporative losses	g/vehicle/day	25.8760	2.1642	0.0100	0.0096	31.9093	0.0515	5706
Crawler Truck	EF3	Idle exhaust, diurnal evaporative HC emissions, resting evaporative losses	g/vehicle/day	22.2530	1.8744	0.0082	0.0078	27.6688	0.0434	4811

Source: EMFAC 2017. See EMFAC tab

Greenhouse Gas Global Warming Potentials

Pollutant	GWP
CO2	1
CH4	25
N2O	298

Table 5.5 DPM Emission Factors

Vehicle Type	Emission Factor Description	Unit	PM10	PM2.5
Long Haul Truck	Running exhaust PM10	g/mile	0.0150	0.0144
Crawler Truck	Running exhaust PM10	g/mile	0.0266	0.0254

Emission Calculations

Table 5.6.1 Annual Emission Calculations

Truck Type	Trip Number	Classification	Final Destination	Annual Emissions						
				NOx	ROG	PM10	PM2.5	CO	SO2	CO ₂ e
				ton/year						
Long Haul Truck	1	Hazardous/Regulated	Nevada	1.65E-02	2.41E-04	7.70E-04	3.40E-04	2.72E-03	9.20E-05	9.25E+00
Long Haul Truck	2	Radioactive waste (Class B&C)	Andrews, TX (WCS)	8.29E-04	1.21E-05	3.87E-05	1.71E-05	1.37E-04	4.63E-06	4.65E-01
Long Haul Truck	3a	Large Component Class A	Clive, UT	1.66E-03	2.42E-05	7.74E-05	3.42E-05	2.73E-04	9.25E-06	9.30E-01
Long Haul Truck	3b	Large Component Class A	Andrews, TX (WCS)	1.66E-03	2.42E-05	7.74E-05	3.42E-05	2.73E-04	9.25E-06	9.30E-01
Long Haul Truck	3c.1	Large Component Class A	SMVRR - Betteravia	7.51E-04	1.54E-05	3.16E-05	1.40E-05	1.93E-04	3.90E-06	3.92E-01
Crawler truck	4a	Large Component Class A	Clive, UT	1.00E-02	1.33E-04	5.38E-04	2.64E-04	1.50E-03	5.25E-05	5.28E+00
Crawler truck	4b	Large Component Class A	Andrews, TX (WCS)	1.00E-02	1.33E-04	5.38E-04	2.64E-04	1.50E-03	5.25E-05	5.28E+00
Crawler truck	4c.1	Large Component Class A	SMVRR - Betteravia	4.46E-03	8.47E-05	2.19E-04	1.08E-04	1.06E-03	2.21E-05	2.22E+00
Long Haul Truck	5a	RPV/RVI Class A/B/C	Clive, UT	4.81E-03	7.02E-05	2.25E-04	9.93E-05	7.92E-04	2.68E-05	2.70E+00
Long Haul Truck	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	4.81E-03	7.02E-05	2.25E-04	9.93E-05	7.92E-04	2.68E-05	2.70E+00
Long Haul Truck	6a.1	RPV/RVI Class A/B/C	SMVRR - Betteravia	1.39E-03	2.85E-05	5.84E-05	2.59E-05	3.58E-04	7.22E-06	7.26E-01
Long Haul Truck	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	3.07E-03	4.48E-05	1.43E-04	6.34E-05	5.05E-04	1.71E-05	1.72E+00
Long Haul Truck	8	Recyclable Materials	Port of Long Beach	8.86E-03	1.29E-04	4.14E-04	1.83E-04	1.46E-03	4.95E-05	4.97E+00
Long Haul Truck	9	Class A Waste	Clive, UT	4.21E-04	6.15E-06	1.97E-05	8.70E-06	6.94E-05	2.35E-06	2.36E-01
Long Haul Truck	10	Topsoil Import	DCPP	1.81E-01	2.67E-03	8.44E-03	3.73E-03	3.02E-02	1.01E-03	1.01E+02
Long Haul Truck	11	Clean debris and soil	Arizona	1.27E-02	1.85E-04	5.91E-04	2.61E-04	2.09E-03	7.06E-05	7.10E+00
Long Haul Truck	14	Concrete	DCPP	5.84E-02	8.60E-04	2.72E-03	1.20E-03	9.73E-03	3.26E-04	3.27E+01

Table 5.6.2 Daily Emission Calculations

Truck Type	Trip Number	Classification	Final Destination	Annual Emissions						
				NOx	ROG	PM10	PM2.5	CO	SO2	CO ₂ e
				lb/day						
Long Haul Truck	1	Hazardous/Regulated	Nevada	8.42E-01	1.23E-02	3.94E-02	1.74E-02	1.39E-01	4.70E-03	5.21E+02
Long Haul Truck	2	Radioactive waste (Class B&C)	Andrews, TX (WCS)	8.42E-01	1.23E-02	3.94E-02	1.74E-02	1.39E-01	4.70E-03	5.21E+02
Long Haul Truck	3a	Large Component Class A	Clive, UT	8.42E-01	1.23E-02	3.94E-02	1.74E-02	1.39E-01	4.70E-03	5.21E+02
Long Haul Truck	3b	Large Component Class A	Andrews, TX (WCS)	8.42E-01	1.23E-02	3.94E-02	1.74E-02	1.39E-01	4.70E-03	5.21E+02
Long Haul Truck	3c.1	Large Component Class A	SMVRR - Betteravia	4.46E-01	1.26E-02	1.61E-02	7.12E-03	1.69E-01	2.10E-03	2.32E+02
Crawler truck	4a	Large Component Class A	Clive, UT	8.07E-01	1.08E-02	4.34E-02	2.13E-02	1.21E-01	4.24E-03	4.69E+02
Crawler truck	4b	Large Component Class A	Andrews, TX (WCS)	8.07E-01	1.08E-02	4.34E-02	2.13E-02	1.21E-01	4.24E-03	4.69E+02
Crawler truck	4c.1	Large Component Class A	SMVRR - Betteravia	4.13E-01	1.10E-02	1.77E-02	8.69E-03	1.46E-01	1.88E-03	2.08E+02
Long Haul Truck	5a	RPV/RVI Class A/B/C	Clive, UT	8.42E-01	1.23E-02	3.94E-02	1.74E-02	1.39E-01	4.70E-03	5.21E+02
Long Haul Truck	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	8.42E-01	1.23E-02	3.94E-02	1.74E-02	1.39E-01	4.70E-03	5.21E+02
Long Haul Truck	6a.1	RPV/RVI Class A/B/C	SMVRR - Betteravia	4.46E-01	1.26E-02	1.61E-02	7.12E-03	1.69E-01	2.10E-03	2.32E+02
Long Haul Truck	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	8.42E-01	1.23E-02	3.94E-02	1.74E-02	1.39E-01	4.70E-03	5.21E+02
Long Haul Truck	8	Recyclable Materials	Port of Long Beach	8.42E-01	1.23E-02	3.94E-02	1.74E-02	1.39E-01	4.70E-03	5.21E+02
Long Haul Truck	9	Class A Waste	Clive, UT	8.42E-01	1.23E-02	3.94E-02	1.74E-02	1.39E-01	4.70E-03	5.21E+02
Long Haul Truck	10	Topsoil Import	DCPP	8.87E-01	1.69E-02	3.84E-02	1.70E-02	2.07E-01	4.70E-03	5.21E+02
Long Haul Truck	11	Clean debris and soil	Arizona	8.42E-01	1.23E-02	3.94E-02	1.74E-02	1.39E-01	4.70E-03	5.21E+02
Long Haul Truck	14	Concrete	DCPP	8.23E-01	1.21E-02	3.84E-02	1.70E-02	1.37E-01	4.59E-03	5.08E+02

Conversions for Emission Calculations

Annual Emission Factor Look-up for formulas		Annual
First Sum	EF1	= miles/year * g/mile * tons/grams
Second Sum	EF2	= trips/year * g/trip * tons/grams
Third Sum	EF3	= trips/year * g/vehicle/day * tons/grams

Daily	
	= miles/day * g/mile * tons/grams
	= trips/day * g/trip * tons/grams
	= trips/day * g/vehicle/day * tons/grams

Conversions	
453.592	grams/lb
2000	lb/ton
907184	grams/ton
2204.62	lb/metric ton

DPM Emissions - Used for HRA

Table 5.7 DPM Emissions Only

Truck Type	Trip Number	Classification	Final Destination	Annual Emissions	Daily Emissions
				PM10 ton/year	PM10 lb/day
Long Haul Truck	1	Hazardous/Regulated	Nevada	1.02E-04	5.24E-03
Long Haul Truck	2	Radioactive waste (Class B&C)	Andrews, TX (WCS)	5.15E-06	5.24E-03
Long Haul Truck	3a	Large Component Class A	Clive, UT	1.03E-05	5.24E-03
Long Haul Truck	3b	Large Component Class A	Andrews, TX (WCS)	1.03E-05	5.24E-03
Long Haul Truck	3c.1	Large Component Class A	SMVRR - Betteravia	4.20E-06	4.27E-03
Crawler truck	4a	Large Component Class A	Clive, UT	1.15E-04	9.28E-03
Crawler truck	4b	Large Component Class A	Andrews, TX (WCS)	1.15E-04	9.28E-03
Crawler truck	4c.1	Large Component Class A	SMVRR - Betteravia	4.69E-05	7.56E-03
Long Haul Truck	5a	RPV/RVI Class A/B/C	Clive, UT	2.99E-05	5.24E-03
Long Haul Truck	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	2.99E-05	5.24E-03
Long Haul Truck	6a.1	RPV/RVI Class A/B/C	SMVRR - Betteravia	7.77E-06	4.27E-03
Long Haul Truck	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	1.91E-05	5.24E-03
Long Haul Truck	8	Recyclable Materials	Port of Long Beach	5.51E-05	5.24E-03
Long Haul Truck	9	Class A Waste	Clive, UT	2.62E-06	5.24E-03
Long Haul Truck	10	Topsoil Import	DCPP	1.12E-03	1.02E-02
Long Haul Truck	11	Clean debris and soil	Arizona	7.87E-05	5.24E-03
Long Haul Truck	14	Concrete	DCPP	3.62E-04	5.10E-03

Scenario Analysis

Scenario Combinations

1. Trip Numbers 1, 2, 6, 8, 9, 10, 11, 14 constant
2. Routes within SLO County to either Utah or Texas (3a vs 3b, 4a vs 4b, 5a vs 5b) Result in the same emissions. The routes are over a further distance than if everything was transported to SMVRR.
3. Routes to the 2 SMVR sites (3c.1/3c.2, 4c.1/4c.2, 6a.1/6a.2) result in the same emissions in SLO county because the truck travel distance is the same.

Scenario 1 - direct truck everything	Scenario 2 - everything to SMVRR
3a/3b (same)	3c.1/3c.2 (same)
4a/4b (same)	4c.1/4c.1 (same)
5a/5b (same)	6a.1/6a.2 (same)
6b	

Table 5.8 Annual

Maximum Scenario	Annual Emissions						
	NOx	ROG	PM10	PM2.5	CO	SO2	CO ₂ e
	ton/year						
Constant (1,2,8,9,10,11,14)	2.79E-01	4.10E-03	1.30E-02	5.75E-03	4.64E-02	1.55E-03	1.56E+02
Scenario 1	1.95E-02	2.73E-04	9.83E-04	4.61E-04	3.07E-03	1.06E-04	1.06E+01
Scenario 2	6.60E-03	1.29E-04	3.09E-04	1.47E-04	1.61E-03	3.32E-05	3.34E+00
Scenario 1 + Constant	2.98E-01	4.37E-03	1.40E-02	6.21E-03	4.94E-02	1.66E-03	1.67E+02
Scenario 2 + Constant	2.85E-01	4.23E-03	1.33E-02	5.89E-03	4.80E-02	1.59E-03	1.60E+02
Max Emissions (Scenario 1)	2.98E-01	4.37E-03	1.40E-02	6.21E-03	4.94E-02	1.66E-03	1.67E+02

Table 5.9 Daily

Maximum Scenario	Annual Emissions						
	NOx	ROG	PM10	PM2.5	CO	SO2	CO ₂ e
	lb/day						
Constant (1,2,8,9,10,11,14)	5.92E+00	9.05E-02	2.74E-01	1.21E-01	1.04E+00	3.28E-02	3.63E+03
Scenario 1	3.33E+00	4.77E-02	1.61E-01	7.35E-02	5.37E-01	1.83E-02	2.03E+03
Scenario 2	1.31E+00	3.62E-02	4.98E-02	2.29E-02	4.84E-01	6.07E-03	6.73E+02
Scenario 1 + Constant	9.26E+00	1.38E-01	4.35E-01	1.94E-01	1.58E+00	5.11E-02	5.67E+03
Scenario 2 + Constant	7.23E+00	1.27E-01	3.23E-01	1.44E-01	1.52E+00	3.89E-02	4.31E+03
Max Emissions (Scenario 1)	9.26E+00	1.38E-01	4.35E-01	1.94E-01	1.58E+00	5.11E-02	5.67E+03

Table 5.10 DPM

Scenario	Annual Emissions	Annual Emissions
	PM10 (DPM)	PM10
	tons/yr	lb/day
Constant (1,2,8,9,10,11,14)	1.73E-03	4.15E-02
Scenario 1	1.74E-04	2.50E-02
Scenario 2	5.88E-05	1.61E-02
Scenario 1 + Constant	1.90E-03	6.65E-02
Scenario 2 + Constant	1.79E-03	5.76E-02
Max DPM Emissions (Scenario 1)	1.90E-03	6.65E-02

Appendix D1.3

Phase 1 Marine Emissions SLO County

Emission Summary

Table 6.1 Long Haul Route Emission Summary

Route Segment	Annual Emissions							Daily Emissions						
	NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e	NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e
	ton/yr							MT/yr	lb/day					
Barge within SLO County	0.86	0.08	0.03	0.03	0.51	0.00	63.08	123.07	11.49	4.39	4.06	4.39	72.87	0.07
Barge for Remainder of Route OR	9.86	0.92	0.35	0.32	5.83	0.01	723.64	1411.74	131.79	50.40	46.53	50.40	835.85	0.77
Oregon-Entire Route	10.71	1.00	0.38	0.35	6.34	0.01	786.73	1534.81	143.28	54.79	50.58	54.79	908.71	0.84
Discharge Fill	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.99	3.29	0.30	0.12	0.12	0.12	2.93
Cofferdam Backfill	0.38	0.04	0.01	0.01	0.22	0.00	109.40	109.40	100.51	9.39	3.58	3.30	3.58	58.53
Barge for Remainder of Route SoCal+ OR	11.01	1.03	0.39	0.36	6.51	0.01	1061.69	1749.78	449.68	80.07	57.88	60.87	847.20	188.98

Table 6.2 DCPH Harbor

Route Segment	Annual Emissions							Daily Emissions						
	NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e	NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e
	ton/yr							MT/yr	lb/day					
DCPP Harbor	1.16	0.14	0.04	0.04	0.87	0.00	92.44	11.20	1.30	0.41	0.39	0.41	8.36	979.74

DPM Emissions Summary

Table 6.3 DPM Emissions Summary

Route Segment	Exhaust PM10 (DPM)	Exhaust PM10 (DPM)
	tons/year	lb/day
Barge within SLO County	0.031	4.393
Barge for Remainder of Route	0.352	50.396
Boardman, OR - Entire Route	0.382	54.789
DCPP Harbor	0.043	0.415
Fill Trips	0.013	3.705

Barge Trip Information

Table 6.4 Long Haul Route

Trip Number	Route Segment	Number of Trips	Weight per Shipment	Total Weight	One Way Miles	Round Trip Miles	Activity Time	Main Engine HP-hr	Auxiliary Engine HP-hr	Trips per Day
		no. trips	tons	tons	miles	miles/RT	hours/RT	hp-hr/RT	hp-hr/RT	trips/day
7	Barge within SLO County	28	4	124	94.9	189.70	10.99	23826.08	1527.59	0.50
7	Barge for Remainder of Route	28	4	124	1088.0	2176.10	126.06	273308.87	17523.03	0.50
7	Oregon-Entire Route	28	4	124.24975	1182.9	2365.80	137.05	297134.95	19050.63	0.50
12	Discharge Fill	3	--	--	80	160.00	9.27	20095.36	1288.40	0.50
13	Cofferdam Gravel	15	--	--	80	160.00	9.27	20095.36	1288.40	0.50
12+13	Barge for Remainder of Route in SoCal	18	--	--	245	490.00	28.39	61542.03	3945.73	0.50

Mileage multiplier for whole SoCal trip length
3.0625

- Notes: 1. Assumes all barge transportation occurs in Period 2 of waste transportation activities.
- 2. Weight per shipment is based on average calculation using data from the UCLA transportation study for LARW waste being transported to Boardman, OR.
- 3. Assumes 1 ocean tugboat used per barge.
- 4. Average ocean tugboat horsepower taken from Tables 3.4 and 3.5 in the 2019 Port of Long Beach Air Emissions Inventory (Starcrest, 2020)
 - Auxiliary 139 hp
 - Propulsion 2168 hp
- 5. Average speed of tugboat assumed to be:
 - 15 knots
 - Speed conversion used 1 knot 1.15078 mph
- 6. Assumes the auxiliary engine is operated for 100% of the time the main propulsion engine is operating.
- 7. SLO County barge route as measured in modeling file: 500819 ft
- Feet to miles conversion: 5280 ft/mile
- 8. Trip numbers 12 and 13 assumed to travel maximum measured distance from DCPH to M-5 Marine Highway (approx 60 miles west), and then travelling south to border of SLO County (approx 20 miles SE).
- 9. Discharge fill (Trip 12) estimated to occur within 1 year. Assumes 4 days/week and 52 weeks/year.
- 10. Cofferdam backfill (Trip 12) anticipated to occur over 2 years. Conservatively assume trips travel within 1 year.

Appendix D1.4

Phase 1 Waste SLO County

Table 7.1 Waste Transport Amounts

1	Hazardous/Regulated	Period 1+2	Long haul truck	Nevada	277	20	5,519
2	Radioactive waste (Class B&C)	Period 1	Long haul truck	Andrews, TX (WCS)	10	37	370
3a	Large Component Class A	Period 1	Long haul truck	Clive, UT	20	125	2503
3b	Large Component Class A	Period 1	Long haul truck	Andrews, TX (WCS)	20	125	2503
3c.1	Large Component Class A	Period 1	Long haul truck	SMVRR - Betteravia	20	125	2503
3c.2	Large Component Class A	Period 1	Long haul truck	SMVRR - Osburn	20	125	2503
4a	Large Component Class A	Period 1	Crawler truck	Clive, UT	42	125	5257
4b	Large Component Class A	Period 1	Crawler truck	Andrews, TX (WCS)	42	125	5257
4c.1	Large Component Class A	Period 1	Crawler truck	SMVRR - Betteravia	42	125	5257
5a	RPV/RVI Class A/B/C	Period 1	Long haul truck	Clive, UT	58	9	517
5b	RPV/RVI Class A/B/C	Period 1	Long haul truck	Andrews, TX (WCS)	58	9	517
6a.1	RPV/RVI Class A/B/C	Period 1	Long haul truck	SMVRR - Betteravia	37	14	513
6b	RPV/RVI Class A/B/C	Period 1	Long haul truck	Andrews, TX (WCS)	37	14	513
7	Various Waste Types	Period 2	Barge	Oregon-Entire Route	56	8875	496,999
8	Recyclable Materials	Period 3	Long haul truck	Port of Long Beach	42	20	823
9	Class A Waste	Period 2	Long haul truck	Clive, UT	4	3056	12223
10	Topsoil Import	Period 1+2	Long haul truck	DCPP	1760	--	--
11	Clean debris and soil	Period 3	Long haul truck	Arizona	60	20	1,184
12	Discharge Fill	Cofferdam	Barge	DCPP	3	--	--
13	Cofferdam Backfill	Cofferdam	Barge	DCPP	15	--	--
14	Concrete	Cofferdam	Long haul truck	DCPP	142	--	--

Outside SLO

1	Truck	Nevada
2	Truck	Andrews, TX (WCS)
3a	Truck	Clive, UT
3b	Truck	Andrews, TX (WCS)
3c.1	Rail	Utah or Texas
3c.2	Rail	Utah or Texas
4a	Truck	Clive, UT
4b	Truck	Andrews, TX (WCS)
4c.1	Rail	Utah or Texas
4c.2	Rail	Utah or Texas
5a	Truck	Clive, UT
5b	Truck	Andrews, TX (WCS)
6a.1	Rail	Utah or Texas
6a.2	Rail	Utah or Texas
6b	Truck	Andrews, TX (WCS)
7	Barge	N/A
8	Truck	POLB
9	Truck	Clive, UT
10	Truck	DCPP
11	Truck	Arizona
12	Barge	N/A
13	Barge	N/A
14	Truck	DCPP

Notes:

1. Based on RFI provided by PG&E on May 11, 2021.

2. Number of shipments is one-way.

1140 ft³ total Class B&C waste

74000 pounds/cask

61.8125 inches in diameter

74.875 inches tall

8-120B cask calculated information

37 tons/cask

224688 cubic inches internal storage cavity

130 cubic feet internal storage cavity

Appendix D1.5

Phase 1 Truck Emissions SB County

Emission Summary

Table 8.1 Santa Barbara County Annual Truck Emissions

Railyard	Annual Emissions						CO ₂ e MT/year
	NOx	ROG	PM10	PM2.5	CO	SO2	
	ton/year						
To Betteravia Railyard	2.75E-03	9.37E-05	9.60E-05	4.59E-05	1.29E-03	1.15E-05	1.1606

Note:

- Each line item assumes 100% of the truck traffic planned to travel to SMVRR goes to one of the two facilities.

Table 8.2 Santa Barbara County Daily Truck Emissions

Railyard	Daily Emissions						CO ₂ e pounds/day
	NOx	ROG	PM10	PM2.5	CO	SO2	
	pounds/day						
To Betteravia Railyard	0.9483	0.0328	0.0309	0.0143	0.4530	0.0040	443.9777

Note:

- Each line item assumes 100% of the truck traffic planned to travel to SMVRR goes to one of the two facilities.
- Daily Emissions include a safety factor of 1.25 to account for a potential maximum day.

Truck Trip Information

Table 8.3 Long Haul Trucks

Trip Number	Truck Type	Waste Type	Waste Route ¹	Number of Shipments	Weight per Shipment	Total Weight
				no. trips	tons/shipment	tons
3c.1	Long Haul Truck	Large Component Class A	SMVRR - Betteravia	20	125	2503
4c.1	Crawler truck	Large Component Class A	SMVRR - Betteravia	126	125	5257
6a.1	Long Haul Truck	RPV/RVI Class A/B/C	SMVRR - Betteravia	37	14	513

Notes:

- Waste routes are assumed to be direct routes from DCPP to the final destination listed.

Crawler Prime Mover Assumptions

Route	Waste Type	Number of Prime Movers
SMVRR	Legacy components	24

Routes and Trip Counts

Table 8.4 Santa Barbara County to SMVRR Trip Counts

Truck Type	Period	Trip Number	Waste Type	Waste Route ¹	Number of Round Trips per Year	Miles per Round Trip per Vehicle	Total Miles per Year	Number of Round Trips per Day	Miles per Day
					trips/year	VMT/RT/Vehicle	VMT/year	trips/day	VMT/day
Long Haul Truck	Period 1	3c.1	Large Component Class A	SMVRR - Betteravia	4	20.0	79	2.0	39.9
Crawler truck	Period 1	4c.1	Large Component Class A	SMVRR - Betteravia	25	20.0	495	2.0	39.9
Long Haul Truck	Period 1	6a.1	RPV/RVI Class A/B/C	SMVRR - Betteravia	7	20.0	145	2.0	39.9

Time Assumptions

Period	Start Date	End Date	Days	Years
Period 1	12/2/2024	12/31/2029	1855	5.082
Period 2	1/1/2030	12/31/2033	1460	4.000
Period 3	1/1/2034	12/31/2035	729	1.997

Notes:

- No truck trips during Period 2
- Trip Numbers 1 through 6 occur in Period 1
- Trip Numbers 8 and 9 occur in Period 3

Emission Factors

Table 8.5 Total EFs (Diesel and Tire Wear Emission Factors)

Vehicle Type	Emission Factor	Emission Factor Description	Unit	NOx	ROG	PM10	PM2.5	CO	SO ₂	CO ₂ e
Long Haul Truck	EF1	Running exhaust, tire and brake wear particulate emissions	g/mile	2.2288	0.0216	0.1128	0.0498	0.1963	0.0132	1458
Crawler Truck	EF1	Running exhaust, tire and brake wear particulate emissions	g/mile	2.1603	0.0190	0.1243	0.0609	0.1711	0.0119	1315
Long Haul Truck	EF2	Start exhaust tailpipe	g/trip	3.5424	--	--	--	--	--	--
Crawler Truck	EF2	Start exhaust tailpipe	g/trip	1.8520	--	--	--	--	--	--
Long Haul Truck	EF3	Idle exhaust, diurnal evaporative HC emissions, resting evaporative losses	g/vehicle/day	25.8760	2.1642	0.0100	0.0096	31.9093	0.0515	5706
Crawler Truck	EF3	Idle exhaust, diurnal evaporative HC emissions, resting evaporative losses	g/vehicle/day	22.2530	1.8744	0.0082	0.0078	27.6688	0.0434	4811

Source: EMFAC 2017. See EMFAC tab

Greenhouse Gas Global Warming Potentials

Pollutant	GWP
CO2	1
CH4	25
N2O	298

Table 8.6 DPM Emission Factors

Vehicle Type	Emission Factor Description	Unit	PM10	PM2.5
Long Haul Truck	Running exhaust PM10	g/mile	0.0150	0.0144
Crawler Truck	Running exhaust PM10	g/mile	0.0266	0.0254

Emission Calculations

Table 8.7 Santa Barbara County to Betteravia Railyard - Annual Emissions

Truck Type	Trip Number	Waste Type	Waste Route ¹	Annual Emissions						
				NOx	ROG	PM10	PM2.5	CO	SO ₂	CO ₂ e
				ton/year						
Long Haul Truck	3c.1	Large Component Class A	SMVRR - Betteravia	3.21E-04	1.13E-05	9.81E-06	4.36E-06	1.55E-04	1.36E-06	0.1370
Crawler truck	4c.1	Large Component Class A	SMVRR - Betteravia	1.84E-03	6.16E-05	6.81E-05	3.34E-05	8.50E-04	7.66E-06	0.7701
Long Haul Truck	6a.1	RPV/RVI Class A/B/C	SMVRR - Betteravia	5.93E-04	2.08E-05	1.81E-05	8.06E-06	2.88E-04	2.52E-06	0.2535

Note:

1. Assumes 100% of truck traffic to the SMVRR goes to Betteravia.

Table 8.8 Santa Barbara County to Betteravia Railyard - Daily Emissions

Truck Type	Trip Number	Waste Type	Waste Route ¹	Daily Emissions						
				NOx	ROG	PM10	PM2.5	CO	SO ₂	CO ₂ e
				pounds/day						
Long Haul Truck	3c.1	Large Component Class A	SMVRR - Betteravia	3.26E-01	1.14E-02	9.97E-03	4.43E-03	1.58E-01	1.39E-03	1.54E+02
Crawler truck	4c.1	Large Component Class A	SMVRR - Betteravia	2.96E-01	9.94E-03	1.10E-02	5.40E-03	1.37E-01	1.24E-03	1.37E+02
Long Haul Truck	6a.1	RPV/RVI Class A/B/C	SMVRR - Betteravia	3.26E-01	1.14E-02	9.97E-03	4.43E-03	1.58E-01	1.39E-03	1.54E+02

Notes:

1. Daily emissions based on estimated maximum number of trucks per day to Betteravia railyard.

Daily Emission Calculation Assumptions

4 days/week
52 weeks/year

Conversions for Emission Calculations

Emission Factor Look-up for formulas		Annual
First Sum	EF1	= miles/year * g/mile * tons/grams
Second Sum	EF2	= trips/year * g/trip * tons/grams
Third Sum	EF3	= trips/year * g/vehicle/day * tons/grams

Conversions	
453.592	grams/lb
2000	lb/ton
907184	grams/ton
2204.62	lb/metric ton

DPM Emissions - Used for HRA

Table 8.9 SB to Betteravia DPM Emissions Only

Truck Type	Trip Number	Classification	Final Destination	Annual Emissions
				PM10 ton/year
Long Haul Truck	3c.1	Large Component Class A	SMVRR - Betteravia	1.30E-06
Crawler truck	4c.1	Large Component Class A	SMVRR - Betteravia	1.45E-05
Long Haul Truck	6a.1	RPV/RVI Class A/B/C	SMVRR - Betteravia	2.41E-06

Note:
1. Assumes 100% of truck traffic to the SMVRR goes to Betteravia.

Appendix D1.6

Phase 1 Rail Emissions SB County

Emissions Summary

Table 9.1 Annual Locomotive Emissions

Railyard	Annual Emissions						
	NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e
	ton/year						MT/year
From Betteravia Railyard	0.07	0.0025	0.0014	0.00	0.02	0.00	8.47

Note:
1. Each line item assumes 100% of the rail transport planned to travel from SMVRR originates from one of the two facilities.

Table 9.2 Daily Locomotive Emissions

Railyard	Daily Emissions						
	NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e
	pounds/day						
From Betteravia Railyard	0.645	0.024	0.014	0.014	0.232	0.001	81.396

Note:
1. Each line item assumes 100% of the rail transport planned to travel from SMVRR originates from one of the two facilities.
2. Maximum Daily Emissions include a safety factor of 1.25.

Trip Information

Table 9.3.1 Waste Shipment Information

Waste Type	Trip Number	Waste Route	Railyard ¹	Number of Originating Truckloads ¹	Total Tons from Truckloads	Number of Trucks per Railcar	Number Railcars	Number of Trains	Load of each Railcar to UPRR	Average Train Load ⁴
				no. trucks to railyard	tons	no. trucks/railcar	no. rail cars	no. trains	tons/railcar	tons/train/RT
Large Component Class A	3c.2	Utah or Texas	Betteravia	20	2503	5	4	1	626	1412
Large Component Class A	4c.2	Utah or Texas	Betteravia	42	5257	1	42	2	125	2154
RPV/RVI Class A/B/C	6a.2	Utah or Texas	Betteravia	37	513	1	37	2	14	868

Notes:
1. Number of originating truckloads assumes 100% to Betteravia. Values are rounded up to produce whole truckload values. The "Total" railyard line is used for the air districts outside of Santa Barbara because the route distance in these air districts is the same no matter the originating railyard.
2. Number of railcars for each waste type/railyard destination is based on typical expected number of truckloads in a railcar, according to estimates below by waste type:

Waste Type	Trucks/Railcar
Large Component Class A, Trip 3	5
Large Component Class A, Trip 4	1
RPV/RVI Class A/B/C, Trip 6	1

- 3a. When considering potential load of railcar - number of rail cars is based on an estimate of 110 tons per rail car. This value was determined based on first round of transportation emission calculations.
110 tons/rail car
- 3b. When considering potential load of railcar - Number of trains assumes a maximum of 30 rail cars per train. Also determined in first round of calcs based on UCLA Transportation study.
30 rail cars/train
- 3c. When considering potential load of railcar -Train load calculation assumptions
80000
40 ton/car Empty rail car <https://www.up.com/customers/all/equipment/descriptions/flatcars/index.htm>
110 average tons waste/rail car
150 total tons/rail car Loaded flat rail car
95 tons/rail car Average rail car load for one RT (assumes loaded on way there and unloaded on way back)
2850 total tons/train
4. Average train load is based on the assumption that the train is fully loaded on the way to the waste disposal facility, and unloaded (only empty rail cars) on the way back to SMVRR. The average weight of the train is used for the average round trip load.

Table 9.3.2 Waste Shipment Information between Railyards and UPRR Main Connection

Waste Type	Trip Number	Waste Route	Railyard ¹	Number of Originating Truckloads	Number of Trucks per Railcar	Estimated Number of Railcars	Number of Railcars per Trip to UPRR Line	Number of Trips to UPRR Line	Total Tons from Truckloads	Load of each Railcar to UPRR	Load of Trip to UPRR
				no. trucks to railyard	no. trucks/railcar	no. railcars	no. railcars/trip	no. trips	tons	tons/railcar	tons/RT
Large Component Class A	3c.2	Utah or Texas	Betteravia	20	5	4	1	4	2503	626	353
Large Component Class A	4c.2	Utah or Texas	Betteravia	42	1	42	2	21	5257	125	205
RPV/RVI Class A/B/C	6a.2	Utah or Texas	Betteravia	37	1	37	6	6	513	14	282

Notes:

1. This table was added to calculate the train load for trips between the railyards and the UPRR main line connection based on estimated railcar trips agreed on between ERM and PG&E.
2. The load of trip to UPRR is based on the average of the weight of the loaded railcar and empty railcar to account for a loaded railcar on the way to UPRR and an empty railcar on return trip to SVMR site.

Table 9.4.1 Rail Route Information from UPRR to County Border

Waste Type	Trip Number	Air District	Railyard	One Way Miles	Round Trip Miles	Total ton-miles	Total ton-mile/yr
				VMT	VMT/RT	ton-miles	ton-mile/yr
Large Component Class A	3c.2	SBCAPCD	Betteravia	108	215	303703	59758
Large Component Class A	4c.2	SBCAPCD	Betteravia	108	215	926934	182389
RPV/RVI Class A/B/C	6a.2	SBCAPCD	Betteravia	108	215	373602	73512

Notes:

1. Ton-miles are calculated for Santa Barbara County air district based on trains originating the Betteravia railyards
2. One-way miles are the distance along the UPRR mainline to the SB county border (same for each railyard). Emissions from the railyards to the UPRR main line connection have been added below.
3. Total ton-miles = # trips * tons/trip * VMT/RT
4. Time assumptions

Period	Start Date	End Date	Number of Days	Number of Years
Period 1	12/2/2024	12/31/2029	1855	5.1

Table 9.4.2 Rail Route Information from Railyards to UPRR

Waste Type	Trip Number	Air District	Railyard	One Way Miles	Round Trip Miles	Total ton-miles	Total ton-mile/yr
				VMT	VMT/RT	ton-miles	ton-mile/yr
Large Component Class A	3c.2	SBCAPCD	Betteravia	4	9	12552	2470
Large Component Class A	4c.2	SBCAPCD	Betteravia	4	9	38311	7538
RPV/RVI Class A/B/C	6a.2	SBCAPCD	Betteravia	4	9	15441	3038

Notes:

1. This table has been added to quantify the updated emissions of transport trips between the railyards and the UPRR main line connection.
2. One-way miles are the distance from the specified SMVR site to the UPRR line.

Emission Factors

Table 9.5 Locomotive Emission Factors

Engine Type	Unit	NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e
Large Line Haul	g/gal	74.00	2.74	1.60	1.55	26.62	0.10	10301.30
Large Line Haul	g/ton-mile	0.19	0.01	0.00	0.00	0.07	0.00	25.75
Railcar Mover	g/bhp-hr	1.00	0.08	0.02	0.01	1.83	--	--
Railcar Mover	g/gal	15.20	1.28	0.23	0.22	27.82	0.10	10301.30

Notes:

Large Line Haul Notes

1. NOx, PM10, ROG, and PM2.5 emission factors give the expected fleet average emission factors by calendar year. The year 2025 is used as the worst-case year for rail transportation emissions.
2. NOx and PM10 emission factors taken from Tables 5 and 6 of EPA document EPA-420-F-09-025.

Railcar Mover Trackmobile Notes

1. NOx, PM10, and CO emission factors taken from Table 2 of EPA 420-F-09-025 assuming Tier 4 engine as provided by Trackmobile technical specification sheet.

General Notes

1. Source of NOx, PM10, PM2.5, ROG, CO, and SO2 emission factors and derivations: EPA document Emission Factors for Locomotives (EPA-420-F-09-025) <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100500B.pdf>
2. ROG emission factors were calculated by multiplying the HC emission factors found in Table 7 of the EPA document EPA-420-F-09-025 by a factor of 1.053 according to guidance in the document.
3. CO emission factors were calculated based on the CO emission factor in Tables 1 and 2 for large line and switching, respectively, and the conversion factors in Table 3 of the EPA document EPA-420-F-09-025. The CO emission factor was developed in the context of adopting new emission standards, which for CO, were intended to cap CO emissions at pre-control levels and resulted in a projection of CO emission factors remaining the same for all tiers of emission standards. Recent testing also suggests that emission controls designed to reduce PM and HC emissions are also reducing CO emissions, according to the EPA document EPA-420-F-09-025. As such, the CO emission factor presents a conservative estimate to use for calculating CO emissions.
4. PM2.5 emission factors were calculated by multiplying PM10 emissions by a factor of 0.97, following guidance in EPA-420-F-09-025.
5. SO2 emission factors were calculated with the below conversions/assumptions (calculation method in EPA document, derived from NONROAD Technical Document NR-009c). The assumption of 100% conversion of sulfur in fuel to SO2 is a conservative estimate, as the actual fraction of fuel sulfur emitted as SO2 may be as low as 95 percent, according to EPA document EPA-420-F-09-025.

- 7.05 Fuel density (lb/gal)
- 453.592 g/lb
- 100% sulfur in fuel to SO2 conversion
- 2 g SO2/ g S
- 15 sulfur content (ppm) - ultra low sulfur fuel

Equation: $SO_2 \text{ (g/gal)} = (\text{fuel density [lb/gal]}) \times (\text{conversion factor [g/lb]}) \times (64 \text{ g } SO_2/32 \text{ g S}) \times (\text{S content of fuel [ppm]})$

6. CO2, CH4, N2O emission factors were derived from 2018 EPA Emission Factors for Greenhouse Gas Inventories https://www.epa.gov/sites/production/files/2018-03/documents/emission-factors_mar_2018_0.pdf

- CO2 from Table 2, Diesel Fuel 10210 g CO2/gallon fuel
- CH4 from Table 5, Diesel Locomotives 0.8 g CO2/gallon fuel
- N2O from Table 5, Diesel Locomotives 0.26 g CO2/gallon fuel

7. CO2e calculated using global warming potentials (GWP) below, taken from IPCC Fifth Assessment Report 2014, Working Group 1 Climate Change 2013: The Physical Science Basis (Chapter 8)

- CO2 1
- CH4 28
- N2O 265

8. Conversion from g/gal to g/ton-mile is 400 ton-miles/gal as indicated in EPA-420-F-09-025.

Emission Calculations

Table 9.6.1 Long Line Haul Annual Emissions from UPRR to SB County Border

Waste Type	Trip Number	Air District	Railyard	Annual Emissions						
				NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e
				ton/year						
Large Component Class A	3c.2	SBCAPCD	Betteravia	1.22E-02	4.51E-04	2.63E-04	2.56E-04	4.38E-03	1.58E-05	1.539
Large Component Class A	4c.2	SBCAPCD	Betteravia	3.72E-02	1.38E-03	8.04E-04	7.80E-04	1.34E-02	4.82E-05	4.697
RPV/RVI Class A/B/C	6a.2	SBCAPCD	Betteravia	1.50E-02	5.55E-04	3.24E-04	3.14E-04	5.39E-03	1.94E-05	1.893

Table 9.6.2 Long Line Haul Annual Emissions between Railyards and UPRR

Waste Type	Trip Number	Air District	Railyard	Annual Emissions						
				NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e
				ton/year						
Large Component Class A	3c.2	SBCAPCD	Betteravia	5.04E-04	1.86E-05	1.09E-05	1.06E-05	1.81E-04	6.53E-07	0.064
Large Component Class A	4c.2	SBCAPCD	Betteravia	1.54E-03	5.69E-05	3.32E-05	3.22E-05	5.53E-04	1.99E-06	0.194
RPV/RVI Class A/B/C	6a.2	SBCAPCD	Betteravia	6.20E-04	2.29E-05	1.34E-05	1.30E-05	2.23E-04	8.03E-07	0.078

Notes:
1. This table was added to calculate the emissions from railcars being transported between the SMVR railyards and the UPRR main line connection.

Annual Emission Calculation Assumptions

453.592	g/lb
2000	lb/ton
907184	g/ton
1000000	g/metric ton (MT)

Table 9.7.1 Long Line Haul Daily Emissions from UPRR to SB County Border

Waste Type	Trip Number	Air District	Railyard	Daily Emissions						
				NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e
				pounds/day						
Large Component Class A	3c.2	SBCAPCD	Betteravia	1.17E-01	4.34E-03	2.53E-03	2.46E-03	4.22E-02	1.52E-04	14.798
Large Component Class A	4c.2	SBCAPCD	Betteravia	3.58E-01	1.32E-02	7.73E-03	7.50E-03	1.29E-01	4.64E-04	45.164
RPV/RVI Class A/B/C	6a.2	SBCAPCD	Betteravia	1.44E-01	5.33E-03	3.12E-03	3.02E-03	5.19E-02	1.87E-04	18.204

Table 9.7.2 Long Line Haul Daily Emissions between Railyards and UPRR

Waste Type	Trip Number	Air District	Railyard	Daily Emissions						
				NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e
				pounds/day						
Large Component Class A	3c.2	SBCAPCD	Betteravia	4.84E-03	1.79E-04	1.05E-04	1.02E-04	1.74E-03	6.28E-06	0.612
Large Component Class A	4c.2	SBCAPCD	Betteravia	1.48E-02	5.47E-04	3.20E-04	3.10E-04	5.32E-03	1.92E-05	1.867
RPV/RVI Class A/B/C	6a.2	SBCAPCD	Betteravia	5.96E-03	2.20E-04	1.29E-04	1.25E-04	2.14E-03	7.72E-06	0.752

Notes:
1. This table was added to calculate the emissions from railcars being transported between the SMVR railyards and the UPRR main line connection.

Daily Emission Calculation Assumptions

4	days/week
52	weeks/year

Table 9.8 Railcar Mover - Annual Emissions

Air District	Railyard	Annual Emissions						CO ₂ e MT/year
		NOx	ROG	PM10	PM2.5	CO	SOx	
SBCAPCD	Betteravia	0.170	0.014	0.003	0.002	0.312	0.001	104.742

Table 9.9 Railcar Mover - Daily Emissions

Air District	Railyard	Daily Emissions						CO ₂ e pounds/day
		NOx	ROG	PM10	PM2.5	CO	SOx	
SBCAPCD	Betteravia	1.634	0.138	0.025	0.024	2.990	0.010	1107.137

Notes:

1. Operating time and fuel consumption for Railcar Mover

<p>Period 1</p>	<p>3 hr/day at each railh 15 gal/hr 48.75 gal/day 1060 5.08 years</p>	<p>From PG&E equipment usage data Estimate based on comparable equipr 10168 gal/yr</p>	<p>https://www.petersonpower.com/sites/power/files/paragraphs/document/C7.1%20200kW%20TSS%20LEHE1585-00.pdf Trackmobile specified in PG&E equipment list; looked on Trackmobile website and the new models all have Tier 4 Cummins diesel engines but no fuel consumption info for any of them. Used a comparable Caterpillar diesel engine (from a generator set) and fuel consumption.</p>
-----------------	---	--	---

Appendix D1.7

Phase 1 Truck Emissions Outside SLO/SB

Emission Summary

Table 10.1 Other Counties Truck Emissions Summary

District	Annual Emissions						
	NOx	ROG	PM10	PM2.5	CO	SO2	CO ₂ e
	ton/year						MT/year
SCAQMD	4.85E-02	6.33E-04	2.32E-03	1.03E-03	6.81E-03	2.76E-04	27.707
SJVAPCD	4.33E-02	5.82E-04	2.06E-03	9.12E-04	6.35E-03	2.45E-04	24.632
MDAQMD	5.05E-02	6.17E-04	2.45E-03	1.08E-03	6.43E-03	2.90E-04	29.131

Notes:

1. Maximum includes all truck emissions occurring in the same year. Not actually the case because some routes/destinations are in Period 1 vs Period 2.
2. Emission estimates included in summary include routes that travel directly out of state with one disposal location, and truck routes to SMVRR for further transport by rail.

Trip Information

Table 10.2 Long Haul Trucks

Trip Number	Truck Type	Waste Type	Waste Route ¹	Number of Shipments no. trips
1	Long Haul Truck	Hazardous/Regulated	Nevada	277
2	Long Haul Truck	Radioactive waste (Class B&C)	Andrews, TX (WCS)	10
3a	Long Haul Truck	Large Component Class A	Clive, UT	20
3b	Long Haul Truck	Large Component Class A	Andrews, TX (WCS)	20
4a	Crawler truck	Large Component Class A	Clive, UT	126
4b	Crawler truck	Large Component Class A	Andrews, TX (WCS)	126
5a	Long Haul Truck	RPV/RVI Class A/B/C	Clive, UT	58
5b	Long Haul Truck	RPV/RVI Class A/B/C	Andrews, TX (WCS)	58
6b	Long Haul Truck	RPV/RVI Class A/B/C	Andrews, TX (WCS)	37
8	Long Haul Truck	Recyclable Materials	Port of Long Beach	42
9	Long Haul Truck	Class A Waste	Clive, UT	4
11	Long Haul Truck	Clean debris and soil	Arizona	60

Notes:

1. Waste routes are assumed to be direct routes from DCPD to the final destination listed.
2. All truck transport leaving DCPD occurs in Period 1 of waste transportation activities.

Crawler Prime Mover Assumptions

Route	Waste Type	Number of Prime Movers
SMVRR	Legacy components	24

Routes and Trip Counts

Table 10.3 Outside SLO Trip Counts

Truck Type	Period	Trip Number	Waste Type	Waste Route ¹	County	Number of Round Trips per Year	Miles per Round Trip per Vehicle	Total Miles per Year
						trips/year	VMT/RT/Vehicle	VMT/year
Long Haul Truck	Period 1	1	Hazardous/Regulate	Nevada	SCAQMD	55	245.9	13403.6
Long Haul Truck	Period 1	1	Hazardous/Regulate	Nevada	SJVAPCD	55	211.3	11517.7
Long Haul Truck	Period 1	1	Hazardous/Regulate	Nevada	MDAQMD	55	330.1	17994.0
Long Haul Truck	Period 1	2	Radioactive waste (C	Andrews, TX (WCS)	SCAQMD	2	535.3	1053.4
Long Haul Truck	Period 1	2	Radioactive waste (C	Andrews, TX (WCS)	SJVAPCD	2	211.3	415.8
Long Haul Truck	Period 1	2	Radioactive waste (C	Andrews, TX (WCS)	MDAQMD	2	60.4	118.8
Long Haul Truck	Period 1	3a	Large Component Cl	Clive, UT	SCAQMD	4	245.9	967.8
Long Haul Truck	Period 1	3a	Large Component Cl	Clive, UT	SJVAPCD	4	211.3	831.6
Long Haul Truck	Period 1	3a	Large Component Cl	Clive, UT	MDAQMD	4	330.1	1299.2
Long Haul Truck	Period 1	3b	Large Component Cl	Andrews, TX (WCS)	SCAQMD	4	535.3	2106.7
Long Haul Truck	Period 1	3b	Large Component Cl	Andrews, TX (WCS)	SJVAPCD	4	211.3	831.6
Long Haul Truck	Period 1	3b	Large Component Cl	Andrews, TX (WCS)	MDAQMD	4	60.4	237.5
Crawler truck	Period 1	4a	Large Component Cl	Clive, UT	SCAQMD	25	245.9	6097.0
Crawler truck	Period 1	4a	Large Component Cl	Clive, UT	SJVAPCD	25	211.3	5239.1
Crawler truck	Period 1	4a	Large Component Cl	Clive, UT	MDAQMD	25	330.1	8185.0
Crawler truck	Period 1	4b	Large Component Cl	Andrews, TX (WCS)	SCAQMD	25	535.3	13272.2
Crawler truck	Period 1	4b	Large Component Cl	Andrews, TX (WCS)	SJVAPCD	25	211.3	5239.1
Crawler truck	Period 1	4b	Large Component Cl	Andrews, TX (WCS)	MDAQMD	25	60.4	1496.3
Long Haul Truck	Period 1	5a	RPV/RVI Class A/B/C	Clive, UT	SCAQMD	11	245.9	2806.5
Long Haul Truck	Period 1	5a	RPV/RVI Class A/B/C	Clive, UT	SJVAPCD	11	211.3	2411.7
Long Haul Truck	Period 1	5a	RPV/RVI Class A/B/C	Clive, UT	MDAQMD	11	330.1	3767.7
Long Haul Truck	Period 1	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	SCAQMD	11	535.3	6109.4
Long Haul Truck	Period 1	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	SJVAPCD	11	211.3	2411.7
Long Haul Truck	Period 1	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	MDAQMD	11	60.4	688.8
Long Haul Truck	Period 1	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	SCAQMD	7	535.3	3897.4
Long Haul Truck	Period 1	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	SJVAPCD	7	211.3	1538.5
Long Haul Truck	Period 1	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	MDAQMD	7	60.4	439.4
Long Haul Truck	Period 3	8	Recyclable Materials	Port of Long Beach	SJVAPCD	21	211.3	4443.8
Long Haul Truck	Period 3	8	Recyclable Materials	Port of Long Beach	SCAQMD	21	190.0	3995.5
Long Haul Truck	Period 2	9	Class A Waste	Clive, UT	SCAQMD	1	245.9	245.9
Long Haul Truck	Period 2	9	Class A Waste	Clive, UT	SJVAPCD	1	211.3	211.3
Long Haul Truck	Period 2	9	Class A Waste	Clive, UT	MDAQMD	1	330.1	330.1
Long Haul Truck	Period 1	11	Clean debris and soil	Arizona	SCAQMD	12	535.3	6320.1
Long Haul Truck	Period 1	11	Clean debris and soil	Arizona	SJVAPCD	12	211.3	2494.8
Long Haul Truck	Period 1	11	Clean debris and soil	Arizona	MDAQMD	12	60.4	712.5

Notes:

1. No truck trips during Period 2
2. Trip Numbers 1 through 6 occur in Period 1
3. Trip Numbers 8 and 9 occur in Period 3

Time Assumptions

Period	Start Date	End Date	Days	Years
Period 1	12/2/2024	12/31/2029	1855	5.082
Period 2	1/1/2030	12/31/2033	1460	4.000
Period 3	1/1/2034	12/31/2035	729	1.997

Emission Factors

Table 10.4 Total EFs (Diesel and Tire Wear Emission Factors)

Vehicle Type	Emission Factor	Emission Factor Description	Unit	NOx	ROG	PM10	PM2.5	CO	SO ₂	CO ₂ e
Long Haul Truck	EF1	Running exhaust, tire and brake wear particulate emissions	g/mile	2.2288	0.0216	0.1128	0.0498	0.1963	0.0132	1458
Crawler Truck	EF1	Running exhaust, tire and brake wear particulate emissions	g/mile	2.1603	0.0190	0.1243	0.0609	0.1711	0.0119	1315
Long Haul Truck	EF2	Start exhaust tailpipe	g/trip	3.5424	--	--	--	--	--	--
Crawler Truck	EF2	Start exhaust tailpipe	g/trip	1.8520	--	--	--	--	--	--
Long Haul Truck	EF3	Idle exhaust, diurnal evaporative HC emissions, resting evaporative losses	g/vehicle/day	25.8760	2.1642	0.0100	0.0096	31.9093	0.0515	5706
Crawler Truck	EF3	Idle exhaust, diurnal evaporative HC emissions, resting evaporative losses	g/vehicle/day	22.2530	1.8744	0.0082	0.0078	27.6688	0.0434	4811

Source: EMFAC 2017. See EMFAC tab

Greenhouse Gas Global Warming Potentials

Pollutant	GWP
CO2	1
CH4	25
N2O	298

Table 10.5 DPM Emission Factors

Vehicle Type	Emission Factor Des	Unit	PM10	PM2.5
Long Haul Truck	Running exhaust PM10 and PM2.5	g/mile	0.0150	0.0144
Crawler Truck	Running exhaust PM10 and PM2.5	g/mile	0.0266	0.0254

Emission Calculations

Table 10.6 Emission Calculations

Truck Type	Trip Number	Classification	Final Destination	County	Annual Emissions						
					NOx	ROG	PM10	PM2.5	CO	SO2	CO ₂ e
					ton/year						
Long Haul Truck	1	Hazardous/Regulated	Nevada	SCAQMD	3.47E-02	4.49E-04	1.67E-03	7.37E-04	4.82E-03	1.97E-04	1.99E+01
Long Haul Truck	1	Hazardous/Regulated	Nevada	SJVAPCD	3.01E-02	4.04E-04	1.43E-03	6.33E-04	4.41E-03	1.70E-04	1.71E+01
Long Haul Truck	1	Hazardous/Regulated	Nevada	MDAQMD	4.60E-02	5.59E-04	2.24E-03	9.89E-04	5.81E-03	2.64E-04	2.65E+01
Long Haul Truck	2	Radioactive waste (Class B&C)	Andrews, TX (WCS)	SCAQMD	2.65E-03	2.98E-05	1.31E-04	5.79E-05	2.97E-04	1.54E-05	1.55E+00
Long Haul Truck	2	Radioactive waste (Class B&C)	Andrews, TX (WCS)	SJVAPCD	1.09E-03	1.46E-05	5.17E-05	2.29E-05	1.59E-04	6.14E-06	6.17E-01
Long Haul Truck	2	Radioactive waste (Class B&C)	Andrews, TX (WCS)	MDAQMD	3.56E-04	7.52E-06	1.48E-05	6.54E-06	9.49E-05	1.83E-06	1.84E-01
Long Haul Truck	3a	Large Component Class A	Clive, UT	SCAQMD	2.51E-03	3.24E-05	1.20E-04	5.32E-05	3.48E-04	1.43E-05	1.43E+00
Long Haul Truck	3a	Large Component Class A	Clive, UT	SJVAPCD	2.17E-03	2.92E-05	1.03E-04	4.57E-05	3.18E-04	1.23E-05	1.23E+00
Long Haul Truck	3a	Large Component Class A	Clive, UT	MDAQMD	3.32E-03	4.03E-05	1.62E-04	7.14E-05	4.20E-04	1.91E-05	1.92E+00
Long Haul Truck	3b	Large Component Class A	Andrews, TX (WCS)	SCAQMD	5.30E-03	5.96E-05	2.62E-04	1.16E-04	5.94E-04	3.08E-05	3.09E+00
Long Haul Truck	3b	Large Component Class A	Andrews, TX (WCS)	SJVAPCD	2.17E-03	2.92E-05	1.03E-04	4.57E-05	3.18E-04	1.23E-05	1.23E+00
Long Haul Truck	3b	Large Component Class A	Andrews, TX (WCS)	MDAQMD	7.11E-04	1.50E-05	2.96E-05	1.31E-05	1.90E-04	3.67E-06	3.69E-01
Crawler truck	4a	Large Component Class A	Clive, UT	SCAQMD	1.52E-02	1.79E-04	8.36E-04	4.10E-04	1.91E-03	8.09E-05	8.14E+00
Crawler truck	4a	Large Component Class A	Clive, UT	SJVAPCD	1.31E-02	1.61E-04	7.18E-04	3.52E-04	1.74E-03	6.97E-05	7.01E+00
Crawler truck	4a	Large Component Class A	Clive, UT	MDAQMD	2.01E-02	2.23E-04	1.12E-03	5.50E-04	2.30E-03	1.08E-04	1.09E+01
Crawler truck	4b	Large Component Class A	Andrews, TX (WCS)	SCAQMD	3.23E-02	3.29E-04	1.82E-03	8.91E-04	3.26E-03	1.75E-04	1.76E+01
Crawler truck	4b	Large Component Class A	Andrews, TX (WCS)	SJVAPCD	1.31E-02	1.61E-04	7.18E-04	3.52E-04	1.74E-03	6.97E-05	7.01E+00
Crawler truck	4b	Large Component Class A	Andrews, TX (WCS)	MDAQMD	4.22E-03	8.26E-05	2.05E-04	1.01E-04	1.04E-03	2.08E-05	2.09E+00
Long Haul Truck	5a	RPV/RVI Class A/B/C	Clive, UT	SCAQMD	7.27E-03	9.41E-05	3.49E-04	1.54E-04	1.01E-03	4.13E-05	4.16E+00
Long Haul Truck	5a	RPV/RVI Class A/B/C	Clive, UT	SJVAPCD	6.30E-03	8.47E-05	3.00E-04	1.33E-04	9.23E-04	3.56E-05	3.58E+00
Long Haul Truck	5a	RPV/RVI Class A/B/C	Clive, UT	MDAQMD	9.63E-03	1.17E-04	4.68E-04	2.07E-04	1.22E-03	5.53E-05	5.56E+00
Long Haul Truck	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	SCAQMD	1.54E-02	1.73E-04	7.59E-04	3.36E-04	1.72E-03	8.93E-05	8.97E+00
Long Haul Truck	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	SJVAPCD	6.30E-03	8.47E-05	3.00E-04	1.33E-04	9.23E-04	3.56E-05	3.58E+00
Long Haul Truck	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	MDAQMD	2.06E-03	4.36E-05	8.57E-05	3.80E-05	5.50E-04	1.06E-05	1.07E+00
Long Haul Truck	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	SCAQMD	9.81E-03	1.10E-04	4.84E-04	2.14E-04	1.10E-03	5.69E-05	5.72E+00
Long Haul Truck	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	SJVAPCD	4.02E-03	5.40E-05	1.91E-04	8.46E-05	5.89E-04	2.27E-05	2.28E+00
Long Haul Truck	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	MDAQMD	1.32E-03	2.78E-05	5.47E-05	2.42E-05	3.51E-04	6.79E-06	6.82E-01
Long Haul Truck	8	Recyclable Materials	Port of Long Beach	SJVAPCD	1.16E-02	1.56E-04	5.53E-04	2.44E-04	1.70E-03	6.56E-05	6.60E+00
Long Haul Truck	8	Recyclable Materials	Port of Long Beach	SCAQMD	1.05E-02	1.45E-04	4.97E-04	2.20E-04	1.60E-03	5.91E-05	5.94E+00
Long Haul Truck	9	Class A Waste	Clive, UT	SCAQMD	6.37E-04	8.24E-06	3.06E-05	1.35E-05	8.84E-05	3.62E-06	3.64E-01
Long Haul Truck	9	Class A Waste	Clive, UT	SJVAPCD	5.52E-04	7.42E-06	2.63E-05	1.16E-05	8.09E-05	3.12E-06	3.14E-01
Long Haul Truck	9	Class A Waste	Clive, UT	MDAQMD	8.44E-04	1.02E-05	4.10E-05	1.81E-05	1.07E-04	4.84E-06	4.87E-01
Long Haul Truck	11	Clean debris and soil	Arizona	SCAQMD	1.59E-02	1.79E-04	7.86E-04	3.47E-04	1.78E-03	9.23E-05	9.28E+00
Long Haul Truck	11	Clean debris and soil	Arizona	SJVAPCD	6.51E-03	8.76E-05	3.10E-04	1.37E-04	9.55E-04	3.69E-05	3.70E+00
Long Haul Truck	11	Clean debris and soil	Arizona	MDAQMD	2.13E-03	4.51E-05	8.87E-05	3.93E-05	5.69E-04	1.10E-05	1.11E+00

Emission Factor Look-up for formulas

		Annual
First Sum	EF1	= miles/year * g/mile * tons/grams
Second Sum	EF2	= trips/year * g/trip * tons/grams
Third Sum	EF3	= trips/year * g/vehicle/day * tons/grams

Conversions

453.592	grams/lb
2000	lb/ton
907184	grams/ton
2204.62	lb/metric ton

Scenario Analysis

Scenario Combinations - Truck Only

1. Trip Numbers 1, 2, 8, 9, 11, 6b constant

Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
3a	3b	3b	3a	3a	3b	3b	3a
4a	4a	4b	4b	4a	4a	4b	4b
5a	5a	5a	5b	5b	5b	5b	5a

2. Scenario 7 includes all routes to Texas, which has the greatest total mileage within California.

3. All 8 Scenarios include *only* truck routes. No routes to SMVRR are considered in this Scenario analysis

Scenario	Annual Emissions						
	NOx	ROG	PM10	PM2.5	CO	SO2	CO ₂ e
	ton/year						
Constant (1,2,8,9,11,6b)	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
Scenario 1	7.96E-02	9.60E-04	4.18E-03	1.98E-03	1.02E-02	4.37E-04	4.39E+01
Scenario 2	7.98E-02	9.62E-04	4.19E-03	1.98E-03	1.02E-02	4.38E-04	4.40E+01
Scenario 3	8.10E-02	9.72E-04	4.26E-03	2.01E-03	1.03E-02	4.44E-04	4.47E+01
Scenario 4	8.14E-02	9.76E-04	4.27E-03	2.02E-03	1.03E-02	4.46E-04	4.49E+01
Scenario 5	8.02E-02	9.66E-04	4.21E-03	1.99E-03	1.02E-02	4.40E-04	4.42E+01
Scenario 6	8.04E-02	9.67E-04	4.22E-03	1.99E-03	1.03E-02	4.41E-04	4.43E+01
Scenario 7	8.15E-02	9.78E-04	4.28E-03	2.02E-03	1.03E-02	4.47E-04	4.50E+01
Scenario 8	8.08E-02	9.70E-04	4.25E-03	2.01E-03	1.03E-02	4.43E-04	4.45E+01
Scenario 1 + Constant	2.58E-01	1.80E-01	1.83E-01	1.81E-01	1.89E-01	1.79E-01	4.41E+01
Scenario 2 + Constant	2.58E-01	1.80E-01	1.83E-01	1.81E-01	1.89E-01	1.79E-01	4.42E+01
Scenario 3 + Constant	2.60E-01	1.80E-01	1.83E-01	1.81E-01	1.89E-01	1.79E-01	4.48E+01
Scenario 4 + Constant	2.60E-01	1.80E-01	1.83E-01	1.81E-01	1.89E-01	1.79E-01	4.50E+01
Scenario 5 + Constant	2.59E-01	1.80E-01	1.83E-01	1.81E-01	1.89E-01	1.79E-01	4.44E+01
Scenario 6 + Constant	2.59E-01	1.80E-01	1.83E-01	1.81E-01	1.89E-01	1.79E-01	4.45E+01
Scenario 7 + Constant	2.60E-01	1.80E-01	1.83E-01	1.81E-01	1.89E-01	1.79E-01	4.52E+01
Scenario 8 + Constant	2.59E-01	1.80E-01	1.83E-01	1.81E-01	1.89E-01	1.79E-01	4.47E+01
Max Emissions (Scenario 7)	0.2602	0.1796	0.1829	0.1807	0.1890	0.1791	45.1624

Constant 1,2,8,9,11,6b by District

Air District	Annual Emissions						
	NOx	ROG	PM10	PM2.5	CO	SO2	CO ₂ e
	ton/year						
SCAQMD	7.42E-02	9.21E-04	3.60E-03	1.59E-03	9.69E-03	4.25E-04	4.27E+01
SJVAPCD	5.38E-02	7.24E-04	2.56E-03	1.13E-03	7.90E-03	3.05E-04	3.06E+01
MDAQMD	5.06E-02	6.49E-04	2.44E-03	1.08E-03	6.93E-03	2.89E-04	2.90E+01

Table 10.7 DPM Emissions Only

Truck Type	Trip Number	Classification	Final Destination	County	Annual Emissions	
					PM10	PM2.5
					ton/year	
Long Haul Truck	1	Hazardous/Regulated	Nevada	SCAQMD	2.22E-04	2.12E-04
Long Haul Truck	1	Hazardous/Regulated	Nevada	SJVAPCD	1.91E-04	1.82E-04
Long Haul Truck	1	Hazardous/Regulated	Nevada	MDAQMD	2.98E-04	2.85E-04
Long Haul Truck	2	Radioactive waste (Class B&C)	Andrews, TX (WCS)	SCAQMD	1.74E-05	1.67E-05
Long Haul Truck	2	Radioactive waste (Class B&C)	Andrews, TX (WCS)	SJVAPCD	6.88E-06	6.58E-06
Long Haul Truck	2	Radioactive waste (Class B&C)	Andrews, TX (WCS)	MDAQMD	1.97E-06	1.88E-06
Long Haul Truck	3a	Large Component Class A	Clive, UT	SCAQMD	1.60E-05	1.53E-05
Long Haul Truck	3a	Large Component Class A	Clive, UT	SJVAPCD	1.38E-05	1.32E-05
Long Haul Truck	3a	Large Component Class A	Clive, UT	MDAQMD	2.15E-05	2.06E-05
Long Haul Truck	3b	Large Component Class A	Andrews, TX (WCS)	SCAQMD	3.49E-05	3.34E-05
Long Haul Truck	3b	Large Component Class A	Andrews, TX (WCS)	SJVAPCD	1.38E-05	1.32E-05
Long Haul Truck	3b	Large Component Class A	Andrews, TX (WCS)	MDAQMD	3.93E-06	3.76E-06
Crawler truck	4a	Large Component Class A	Clive, UT	SCAQMD	1.79E-04	1.71E-04
Crawler truck	4a	Large Component Class A	Clive, UT	SJVAPCD	1.54E-04	1.47E-04
Crawler truck	4a	Large Component Class A	Clive, UT	MDAQMD	2.40E-04	2.30E-04
Crawler truck	4b	Large Component Class A	Andrews, TX (WCS)	SCAQMD	3.89E-04	3.72E-04
Crawler truck	4b	Large Component Class A	Andrews, TX (WCS)	SJVAPCD	1.54E-04	1.47E-04
Crawler truck	4b	Large Component Class A	Andrews, TX (WCS)	MDAQMD	4.39E-05	4.20E-05
Long Haul Truck	5a	RPV/RVI Class A/B/C	Clive, UT	SCAQMD	4.65E-05	4.44E-05
Long Haul Truck	5a	RPV/RVI Class A/B/C	Clive, UT	SJVAPCD	3.99E-05	3.82E-05
Long Haul Truck	5a	RPV/RVI Class A/B/C	Clive, UT	MDAQMD	6.24E-05	5.97E-05
Long Haul Truck	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	SCAQMD	1.01E-04	9.68E-05
Long Haul Truck	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	SJVAPCD	3.99E-05	3.82E-05
Long Haul Truck	5b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	MDAQMD	1.14E-05	1.09E-05
Long Haul Truck	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	SCAQMD	6.45E-05	6.17E-05
Long Haul Truck	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	SJVAPCD	2.55E-05	2.44E-05
Long Haul Truck	6b	RPV/RVI Class A/B/C	Andrews, TX (WCS)	MDAQMD	7.27E-06	6.96E-06
Long Haul Truck	8	Recyclable Materials	Port of Long Beach	SJVAPCD	7.36E-05	7.04E-05
Long Haul Truck	8	Recyclable Materials	Port of Long Beach	SCAQMD	6.61E-05	6.33E-05
Long Haul Truck	9	Class A Waste	Clive, UT	SCAQMD	4.07E-06	3.89E-06
Long Haul Truck	9	Class A Waste	Clive, UT	SJVAPCD	3.50E-06	3.35E-06
Long Haul Truck	9	Class A Waste	Clive, UT	MDAQMD	5.46E-06	5.23E-06
Long Haul Truck	11	Clean debris and soil	Arizona	SCAQMD	1.05E-04	1.00E-04
Long Haul Truck	11	Clean debris and soil	Arizona	SJVAPCD	4.13E-05	3.95E-05
Long Haul Truck	11	Clean debris and soil	Arizona	MDAQMD	1.18E-05	1.13E-05

Appendix D1.8

Phase 1 Rail Emissions Outside SLO/SB

Emissions Summary

Table 11.1 Other Districts Locomotive Emissions Summary

Air District	Annual Emissions						
	NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e
	ton/year						MT/year
VCAPCD	3.35E-02	1.24E-03	7.25E-04	7.03E-04	1.21E-02	4.35E-05	4.234
SCAQMD	6.88E-02	2.55E-03	1.49E-03	1.44E-03	2.48E-02	8.92E-05	8.692
MDAQMD	1.41E-01	5.21E-03	3.05E-03	2.95E-03	5.07E-02	1.83E-04	17.786

- Notes:
- SBCAPCD includes rail transport by long line haul and the operation of rail car movers at the SMVRR sites.
 - Maximum Daily emissions are based on the average daily emissions multiplied by a scaling factor of 1.25 to calculate a conservative maximum.

Trip Information

Table 11.2 Waste Shipment Information

Waste Type	Trip Number	Waste Route	Railyard ¹	Number of Originating Truckloads ¹	Total Tons from Truckloads	Number Railcars	Number of Trains	Average Train Load ⁴
				no. trucks to railyard	tons	no. rail cars	no. trains	tons/train/RT
Large Component Class A	Total_3	Utah or Texas	Total	20	2503	23	1	2185
Large Component Class A	Total_4	Utah or Texas	Total	42	5257	48	2	2280
RPV/RVI Class A/B/C	Total_6	Utah or Texas	Total	37	513	5	1	475

- Notes:
- Number of originating truckloads assumes 100% to Betteravia. Values are rounded up to produce whole truckload values. The "Total" railyard line is used for the air districts outside of Santa Barbara because the route distance in these air districts is the same no matter the originating railyard.
 - Number of rail cars is based on an estimate of 110 tons per rail car. This value was determined based on first round of transportation emission calculations.
110 tons/rail car
 - Number of trains assumes a maximum of 30 rail cars per train. Also determined in first round of calcs based on UCLA Transportation study.
30 rail cars/train
 - Train load calculation assumptions
 40 ton/car Empty rail car <https://www.up.com/customers/all/equipment/descriptions/flatcars/index.htm>
 110 average tons waste/rail car
 150 total tons/rail car Loaded flat rail car
 95 tons/rail car Average rail car load for one RT (assumes loaded on way there and unloaded on way back)
 2850 total tons/train

Average train load is based on the assumption that the train is fully loaded on the way to the waste disposal facility, and unloaded (only empty rail cars) on the way back to SMVRR. The average weight of the train is used for the average round trip load.

Table 11.3 Route Information

Waste Type	Trip Number	Air District	Railyard	One Way Miles	Round Trip Miles	Total ton-miles	Total ton-mile/yr
				VMT	VMT/RT	ton-miles	ton-mile/yr
Large Component Class A	Total_3	VCAPCD	Total	58	116	252855	49753
Large Component Class A	Total_3	SCAQMD	Total	119	238	519076	102136
Large Component Class A	Total_3	MDAQMD	Total	243	486	1062228	209010
Large Component Class A	Total_4	VCAPCD	Total	58	116	527698	103833
Large Component Class A	Total_4	SCAQMD	Total	119	238	1083289	213154
Large Component Class A	Total_4	MDAQMD	Total	243	486	2216824	436194
RPV/RVI Class A/B/C	Total_6	VCAPCD	Total	58	116	54968	10816
RPV/RVI Class A/B/C	Total_6	SCAQMD	Total	119	238	112843	22204
RPV/RVI Class A/B/C	Total_6	MDAQMD	Total	243	486	230919	45437

Notes:

1. Ton-miles are calculated for Santa Barbara County air district based on trains originating from the Betteravia railyards. The other railyards are calculated based on the total rail travel through that air district, regardless of the originating railyard.
2. Total ton-miles = # trains * tons/train/RT * VMT/RT
3. Time assumptions

Period	Start Date	End Date	Number of Days	Number of Years
Period 1	12/2/2024	12/31/2029	1855	5.1

4. Route within California to Texas is longer so using that as worst-case analysis.

Emission Factors

Table 11.4 Locomotive Emission Factors

Engine Type	Unit	NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e
Large Line Haul	g/gal	74.00	2.74	1.60	1.55	26.62	0.10	10301.30
Large Line Haul	g/ton-mile	0.19	0.01	0.00	0.00	0.07	0.00	25.75
Railcar Mover	g/bhp-hr	1.00	0.08	0.02	0.01	1.83	--	--
Railcar Mover	g/gal	15.20	1.28	0.23	0.22	27.82	0.10	10301.30

Notes:

Large Line Haul Notes

1. NOx, PM10, ROG, and PM2.5 emission factors give the expected fleet average emission factors by calendar year. The year 2025 is used as the worst-case year for rail transportation emissions.
2. NOx and PM10 emission factors taken from Tables 5 and 6 of EPA document EPA-420-F-09-025.

Railcar Mover Trackmobile Notes

1. NOx, PM10, and CO emission factors taken from Table 2 of EPA 420-F-09-025 assuming Tier 4 engine as provided by Trackmobile technical specification sheet.

General Notes

1. Source of NOx, PM10, PM2.5, ROG, CO, and SO2 emission factors and derivations: EPA document Emission Factors for Locomotives (EPA-420-F-09-025) <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100500B.pdf>
2. ROG emission factors were calculated by multiplying the HC emission factors found in Table 7 of the EPA document EPA-420-F-09-025 by a factor of 1.053 according to guidance in the document.
3. CO emission factors were calculated based on the CO emission factor in Tables 1 and 2 for large line and switching, respectively, and the conversion factors in Table 3 of the EPA document EPA-420-F-09-025. The CO emission factor was developed in the context of adopting new emission standards, which for CO, were intended to cap CO emissions at pre-control levels and resulted in a projection of CO emission factors remaining the same for all tiers of emission standards. Recent testing also suggests that emission controls designed to reduce PM and HC emissions are also reducing CO emissions, according to the EPA document EPA-420-F-09-025. As such, the CO emission factor presents a conservative estimate to use for calculating CO emissions.

4. PM2.5 emission factors were calculated by multiplying PM10 emissions by a factor of 0.97, following guidance in EPA-420-F-09-025.
5. SO2 emission factors were calculated with the below conversions/assumptions (calculation method in EPA document, derived from NONROAD Technical Document NR-009c). The assumption of 100% conversion of sulfur in fuel to SO2 is a conservative estimate, as the actual fraction of fuel sulfur emitted as SO2 may be as low as 95 percent, according to EPA document EPA-420-F-09-025.

$$\begin{aligned}
 &7.05 \text{ Fuel density (lb/gal)} \\
 &453.592 \text{ g/lb} \\
 &100\% \text{ sulfur in fuel to SO}_2 \text{ conversion} \\
 &2 \text{ g SO}_2 / \text{g S} \\
 &15 \text{ sulfur content (ppm) - ultra low sulfur fuel} \\
 \text{Equation: } \text{SO}_2 \text{ (g/gal)} &= (\text{fuel density [lb/gal]}) \times (\text{conversion factor [g/lb]}) \times (64 \text{ g SO}_2 / 32 \text{ g S}) \times (\text{S content of fuel [ppm]})
 \end{aligned}$$

6. CO₂, CH₄, N₂O emission factors were derived from 2018 EPA Emission Factors for Greenhouse Gas Inventories https://www.epa.gov/sites/production/files/2018-03/documents/emission-factors_mar_2018_0.pdf

CO₂ from Table 2, Diesel Fuel 10210 g CO₂/gallon fuel
 CH₄ from Table 5, Diesel Locomoti 0.8 g CO₂/gallon fuel
 N₂O from Table 5, Diesel Locomoti 0.26 g CO₂/gallon fuel

7. CO₂e calculated using global warming potentials (GWP) below, taken from IPCC Fifth Assessment Report 2014, Working Group 1 Climate Change 2013: The Physical Science Basis (Chapter 8)

CO₂ 1
 CH₄ 28
 N₂O 265

8. Conversion from g/gal to g/ton-mile is 400 ton-miles/gal as indicated in EPA-420-F-09-025.

Emission Calculations

Table 11.5 Large Line Haul Emission Calculations

Waste Type	Trip Number	Air District	Railyard	Annual Emissions						
				NOx	ROG	PM10	PM2.5	CO	SOx	CO ₂ e
				ton/year						MT/year
Large Component Class A	Total_3	VCAPCD	Total	1.01E-02	3.75E-04	2.19E-04	2.13E-04	3.65E-03	1.32E-05	1.281
	Total_3	SCAQMD	Total	2.08E-02	7.71E-04	4.50E-04	4.37E-04	7.49E-03	2.70E-05	2.630
	Total_3	MDAQMD	Total	4.26E-02	1.58E-03	9.22E-04	8.94E-04	1.53E-02	5.53E-05	5.383
Large Component Class A	Total_4	VCAPCD	Total	2.12E-02	7.83E-04	4.58E-04	4.44E-04	7.62E-03	2.75E-05	2.674
	Total_4	SCAQMD	Total	4.35E-02	1.61E-03	9.40E-04	9.12E-04	1.56E-02	5.64E-05	5.489
	Total_4	MDAQMD	Total	8.90E-02	3.29E-03	1.92E-03	1.87E-03	3.20E-02	1.15E-04	11.233
RPV/RVI Class A/B/C	Total_6	VCAPCD	Total	2.21E-03	8.16E-05	4.77E-05	4.63E-05	7.94E-04	2.86E-06	0.279
	Total_6	SCAQMD	Total	4.53E-03	1.68E-04	9.79E-05	9.50E-05	1.63E-03	5.87E-06	0.572
	Total_6	MDAQMD	Total	9.27E-03	3.43E-04	2.00E-04	1.94E-04	3.33E-03	1.20E-05	1.170

Notes:

1. Weight conversions

453.592 g/lb
 2000 lb/ton
 907184 g/ton
 1000000 g/metric ton (MT)

2. Maximum Daily Emissions calculated by multiplying average daily emissions over life of project by safety factor of

1.25

Appendix D1.9

Phase 1 CalEEMod SLO County

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

DCPP Decommissioning
San Luis Obispo County APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	0.00	1000sqft	585.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	3.2	Precipitation Freq (Days)	44
Climate Zone	4			Operational Year	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Project Characteristics -

Land Use - Total lot acreage.

Construction Phase - 20 working days per month based on 4 day work week and 5 weeks per month.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Trips and VMT - Data from PG&E employee totals. Assumed 22 miles from downtown SLO to DCPP.

Demolition -

Grading -

Construction Off-road Equipment Mitigation - Scenario 2: Tier 4 Final for equipment HP>100, Tier 4 Interim for equipment HP<100. Put all tractors/loaders at Tier 3 to be conservative because the equipment has both HP less than and greater than 100.

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	76.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	74.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	52.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	27.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	259.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	52.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	21.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	28.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	31.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	98.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	301.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblLandUse	LotAcreage	0.00	585.00
tblOffRoadEquipment	HorsePower	187.00	199.00
tblOffRoadEquipment	HorsePower	187.00	199.00
tblOffRoadEquipment	HorsePower	187.00	249.00
tblOffRoadEquipment	HorsePower	187.00	169.00
tblOffRoadEquipment	HorsePower	187.00	199.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	249.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	249.00
tbloffRoadEquipment	HorsePower	187.00	169.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	20.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tblOffRoadEquipment	HorsePower	97.00	349.00
tblOffRoadEquipment	HorsePower	97.00	59.00
tblOffRoadEquipment	HorsePower	97.00	224.00
tblOffRoadEquipment	HorsePower	97.00	249.00
tblOffRoadEquipment	HorsePower	97.00	349.00
tblOffRoadEquipment	HorsePower	97.00	59.00
tblOffRoadEquipment	LoadFactor	0.42	0.38
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	1.80
tblOffRoadEquipment	UsageHours	8.00	0.20
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	5.70
tblOffRoadEquipment	UsageHours	8.00	0.20
tblOffRoadEquipment	UsageHours	8.00	9.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tbloffRoadEquipment	UsageHours	8.00	0.10
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	5.70
tbloffRoadEquipment	UsageHours	8.00	0.30
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	0.10
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	1.80
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	1.80
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	0.20
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	5.10
tbloffRoadEquipment	UsageHours	8.00	5.10
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tblTripsAndVMT	WorkerTripNumber	328.00	810.00
tblTripsAndVMT	WorkerTripNumber	303.00	816.00
tblTripsAndVMT	WorkerTripNumber	213.00	658.00
tblTripsAndVMT	WorkerTripNumber	153.00	758.00
tblTripsAndVMT	WorkerTripNumber	150.00	722.00
tblTripsAndVMT	WorkerTripNumber	145.00	724.00
tblTripsAndVMT	WorkerTripNumber	173.00	755.00
tblTripsAndVMT	WorkerTripNumber	120.00	740.00
tblTripsAndVMT	WorkerTripNumber	305.00	725.00
tblTripsAndVMT	WorkerTripNumber	360.00	756.00

2.0 Emissions Summary

DCPP Decommissioning - San Luis Obispo County APCD Air District, 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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

DCPP Decommissioning - San Luis Obispo County APCD Air District, 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	Jan-26	Demolition	1/1/2026	1/28/2026	5	20	
2	Feb-26	Demolition	2/1/2026	2/28/2026	5	20	
3	Mar-26	Demolition	3/1/2026	3/27/2026	5	20	
4	Apr-26	Demolition	4/1/2026	4/28/2026	5	20	
5	May-26	Demolition	5/1/2026	5/28/2026	5	20	
6	Jun-26	Demolition	6/1/2026	6/26/2026	5	20	
7	Jul-26	Demolition	7/1/2026	7/28/2026	5	20	
8	Aug-26	Demolition	8/1/2026	8/28/2026	5	20	
9	Sep-26	Demolition	9/1/2026	9/28/2026	5	20	
10	Oct-26	Demolition	10/1/2026	10/28/2026	5	20	
11	Nov-26	Demolition	11/1/2026	11/27/2026	5	20	
12	Dec-26	Demolition	12/7/2026	1/1/2027	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Jan-26	Aerial Lifts	3	9.00	63	0.31
Jan-26	Aerial Lifts	1	3.60	63	0.31
Jan-26	Aerial Lifts	1	9.00	63	0.31
Jan-26	Cranes	4	9.00	231	0.29
Jan-26	Cranes	1	3.60	231	0.29
Jan-26	Crushing/Proc. Equipment	2	9.00	85	0.78
Jan-26	Excavators	1	9.00	158	0.38
Jan-26	Excavators	4	9.00	158	0.38
Jan-26	Excavators	1	1.80	158	0.38
Jan-26	Forklifts	1	9.00	89	0.20
Jan-26	Forklifts	1	9.00	89	0.20
Jan-26	Graders	1	1.80	199	0.41
Jan-26	Off-Highway Trucks	8	9.00	402	0.38
Jan-26	Off-Highway Trucks	1	7.10	402	0.38
Jan-26	Off-Highway Trucks	1	10.30	402	0.38
Jan-26	Off-Highway Trucks	2	9.00	402	0.38
Jan-26	Off-Highway Trucks	2	9.00	402	0.38
Jan-26	Off-Highway Trucks	1	3.60	402	0.38
Jan-26	Off-Highway Trucks	2	9.00	199	0.38
Jan-26	Off-Highway Trucks	2	9.00	402	0.38
Jan-26	Off-Highway Trucks	1	9.00	402	0.38
Jan-26	Off-Highway Trucks	1	9.00	402	0.38
Jan-26	Off-Highway Trucks	1	9.00	402	0.38
Jan-26	Other Construction Equipment	4	9.00	6	0.42
Jan-26	Other Construction Equipment	2	9.00	6	0.42

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Jan-26	Other Construction Equipment	2	9.00	20	0.38
Jan-26	Plate Compactors	1	9.00	8	0.43
Jan-26	Rollers	1	1.80	80	0.38
Jan-26	Rollers	1	9.00	80	0.38
Jan-26	Skid Steer Loaders	4	9.00	65	0.37
Jan-26	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Jan-26	Tractors/Loaders/Backhoes	4	9.00	349	0.37
Jan-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Jan-26	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Jan-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Jan-26	Tractors/Loaders/Backhoes	1	9.00	97	0.37
Feb-26	Aerial Lifts	4	9.00	63	0.31
Feb-26	Aerial Lifts	1	4.50	63	0.31
Feb-26	Aerial Lifts	2	9.00	63	0.31
Feb-26	Aerial Lifts	1	9.00	63	0.31
Feb-26	Air Compressors	5	9.00	78	0.48
Feb-26	Cranes	4	9.00	231	0.29
Feb-26	Cranes	3	9.00	231	0.29
Feb-26	Cranes	1	4.50	231	0.29
Feb-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Feb-26	Excavators	2	9.00	158	0.38
Feb-26	Excavators	1	9.00	158	0.38
Feb-26	Forklifts	1	9.00	89	0.20
Feb-26	Forklifts	1	9.00	89	0.20
Feb-26	Graders	1	1.80	199	0.41
Feb-26	Off-Highway Trucks	4	9.00	402	0.38
Feb-26	Off-Highway Trucks	4	9.00	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Feb-26	Off-Highway Trucks	1	7.10	402	0.38
Feb-26	Off-Highway Trucks	1	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	9.00	402	0.38
Feb-26	Off-Highway Trucks	16	9.00	402	0.38
Feb-26	Off-Highway Trucks	2	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	9.00	199	0.38
Feb-26	Off-Highway Trucks	2	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	5.70	402	0.38
Feb-26	Other Construction Equipment	2	9.00	6	0.42
Feb-26	Other Construction Equipment	2	9.00	6	0.42
Feb-26	Other Construction Equipment	2	9.00	20	0.42
Feb-26	Plate Compactors	1	9.00	8	0.43
Feb-26	Rollers	1	1.80	80	0.38
Feb-26	Skid Steer Loaders	2	9.00	65	0.37
Feb-26	Tractors/Loaders/Backhoes	1	1.10	224	0.37
Feb-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Feb-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Feb-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Feb-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Feb-26	Tractors/Loaders/Backhoes	1	9.00	97	0.37
Feb-26	Welders	3	9.00	46	0.45
Mar-26	Aerial Lifts	2	9.00	63	0.31
Mar-26	Aerial Lifts	1	9.00	63	0.31
Mar-26	Bore/Drill Rigs	1	0.50	221	0.50

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Mar-26	Bore/Drill Rigs	1	1.80	221	0.50
Mar-26	Cranes	4	9.00	231	0.29
Mar-26	Cranes	1	4.50	231	0.29
Mar-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Mar-26	Excavators	2	9.00	158	0.38
Mar-26	Excavators	1	9.00	158	0.38
Mar-26	Graders	1	1.80	199	0.41
Mar-26	Off-Highway Trucks	4	9.00	402	0.38
Mar-26	Off-Highway Trucks	2	9.00	402	0.38
Mar-26	Off-Highway Trucks	5	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	2.60	402	0.38
Mar-26	Off-Highway Trucks	1	1.80	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	0.20	402	0.38
Mar-26	Off-Highway Trucks	4	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	7.20	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	199	0.38
Mar-26	Off-Highway Trucks	2	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	1.30	402	0.38
Mar-26	Other Construction Equipment	2	9.00	6	0.42
Mar-26	Other Construction Equipment	2	9.00	6	0.42
Mar-26	Other Construction Equipment	2	9.00	20	0.42
Mar-26	Plate Compactors	1	9.00	8	0.43

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Mar-26	Rollers	1	1.80	80	0.38
Mar-26	Skid Steer Loaders	2	9.00	65	0.37
Mar-26	Tractors/Loaders/Backhoes	1	1.20	224	0.37
Mar-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Mar-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Mar-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Mar-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Mar-26	Tractors/Loaders/Backhoes	1	9.00	97	0.37
Apr-26	Aerial Lifts	1	9.00	63	0.31
Apr-26	Aerial Lifts	1	9.00	63	0.31
Apr-26	Bore/Drill Rigs	1	0.50	221	0.50
Apr-26	Bore/Drill Rigs	1	1.80	221	0.50
Apr-26	Cranes	4	9.00	231	0.29
Apr-26	Cranes	1	3.60	231	0.29
Apr-26	Cranes	1	4.50	231	0.29
Apr-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Apr-26	Crushing/Proc. Equipment	1	0.90	85	0.78
Apr-26	Excavators	2	9.00	158	0.38
Apr-26	Excavators	1	1.80	158	0.38
Apr-26	Graders	1	1.80	199	0.41
Apr-26	Off-Highway Trucks	4	9.00	402	0.38
Apr-26	Off-Highway Trucks	1	3.60	402	0.38
Apr-26	Off-Highway Trucks	2	9.00	402	0.38
Apr-26	Off-Highway Trucks	1	9.00	402	0.38
Apr-26	Off-Highway Trucks	1	1.80	402	0.38
Apr-26	Off-Highway Trucks	1	5.80	402	0.38
Apr-26	Off-Highway Trucks	1	9.00	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Apr-26	Off-Highway Trucks	1	0.20	402	0.38
Apr-26	Off-Highway Trucks	4	9.00	402	0.38
Apr-26	Off-Highway Trucks	1	7.20	402	0.38
Apr-26	Off-Highway Trucks	1	9.00	199	0.38
Apr-26	Off-Highway Trucks	2	9.00	402	0.38
Apr-26	Off-Highway Trucks	1	7.10	402	0.38
Apr-26	Off-Highway Trucks	1	0.90	402	0.38
Apr-26	Off-Highway Trucks	1	0.90	199	0.38
Apr-26	Other Construction Equipment	2	9.00	6	0.42
Apr-26	Other Construction Equipment	2	9.00	6	0.42
Apr-26	Other Construction Equipment	2	9.00	20	0.42
Apr-26	Other Construction Equipment	1	1.80	6	0.42
Apr-26	Rollers	1	1.80	80	0.38
Apr-26	Skid Steer Loaders	2	9.00	65	0.37
Apr-26	Skid Steer Loaders	1	4.50	65	0.37
Apr-26	Skid Steer Loaders	1	1.80	65	0.37
Apr-26	Tractors/Loaders/Backhoes	1	1.10	224	0.37
Apr-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Apr-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Apr-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Apr-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Apr-26	Tractors/Loaders/Backhoes	1	1.80	349	0.37
Apr-26	Tractors/Loaders/Backhoes	1	1.80	97	0.37
May-26	Aerial Lifts	1	9.00	63	0.31
May-26	Bore/Drill Rigs	1	0.50	221	0.50
May-26	Bore/Drill Rigs	1	1.80	221	0.50
May-26	Cranes	4	9.00	231	0.29

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

May-26	Cranes	1	3.60	231	0.29
May-26	Crushing/Proc. Equipment	1	9.00	85	0.78
May-26	Crushing/Proc. Equipment	1	0.90	85	0.78
May-26	Excavators	2	9.00	158	0.38
May-26	Excavators	1	1.80	158	0.38
May-26	Graders	1	1.80	199	0.41
May-26	Off-Highway Trucks	4	9.00	402	0.38
May-26	Off-Highway Trucks	1	3.60	402	0.38
May-26	Off-Highway Trucks	2	9.00	402	0.38
May-26	Off-Highway Trucks	1	9.00	402	0.38
May-26	Off-Highway Trucks	1	1.80	402	0.38
May-26	Off-Highway Trucks	1	5.80	402	0.38
May-26	Off-Highway Trucks	1	9.00	402	0.38
May-26	Off-Highway Trucks	1	0.20	402	0.38
May-26	Off-Highway Trucks	4	9.00	402	0.38
May-26	Off-Highway Trucks	1	7.20	402	0.38
May-26	Off-Highway Trucks	1	9.00	199	0.38
May-26	Off-Highway Trucks	2	9.00	402	0.38
May-26	Off-Highway Trucks	1	7.10	402	0.38
May-26	Off-Highway Trucks	1	0.90	402	0.38
May-26	Off-Highway Trucks	1	0.90	199	0.38
May-26	Other Construction Equipment	2	9.00	6	0.42
May-26	Other Construction Equipment	2	9.00	6	0.42
May-26	Other Construction Equipment	2	9.00	20	0.42
May-26	Other Construction Equipment	1	1.80	6	0.42
May-26	Rollers	1	1.80	80	0.38
May-26	Skid Steer Loaders	2	9.00	65	0.37

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

May-26	Skid Steer Loaders	1	4.50	65	0.37
May-26	Skid Steer Loaders	1	1.80	65	0.37
May-26	Tractors/Loaders/Backhoes	1	1.10	224	0.37
May-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
May-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
May-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
May-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
May-26	Tractors/Loaders/Backhoes	1	1.80	349	0.37
May-26	Tractors/Loaders/Backhoes	1	1.80	97	0.37
Jun-26	Aerial Lifts	1	9.00	63	0.31
Jun-26	Bore/Drill Rigs	1	0.50	221	0.50
Jun-26	Bore/Drill Rigs	1	1.80	221	0.50
Jun-26	Cranes	1	9.00	231	0.29
Jun-26	Cranes	4	9.00	231	0.29
Jun-26	Cranes	1	5.40	231	0.29
Jun-26	Crushing/Proc. Equipment	2	9.00	85	0.78
Jun-26	Excavators	4	9.00	158	0.38
Jun-26	Graders	1	1.80	199	0.41
Jun-26	Off-Highway Trucks	8	9.00	402	0.38
Jun-26	Off-Highway Trucks	4	9.00	402	0.38
Jun-26	Off-Highway Trucks	1	9.00	402	0.38
Jun-26	Off-Highway Trucks	1	1.80	402	0.38
Jun-26	Off-Highway Trucks	1	5.80	402	0.38
Jun-26	Off-Highway Trucks	2	9.00	402	0.38
Jun-26	Off-Highway Trucks	1	0.50	402	0.38
Jun-26	Off-Highway Trucks	4	9.00	402	0.38
Jun-26	Off-Highway Trucks	1	7.20	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Jun-26	Off-Highway Trucks	2	9.00	199	0.38
Jun-26	Off-Highway Trucks	2	9.00	402	0.38
Jun-26	Off-Highway Trucks	1	2.60	402	0.38
Jun-26	Other Construction Equipment	4	9.00	6	0.42
Jun-26	Other Construction Equipment	2	9.00	6	0.42
Jun-26	Other Construction Equipment	2	9.00	20	0.42
Jun-26	Rollers	1	1.80	80	0.38
Jun-26	Skid Steer Loaders	4	9.00	65	0.37
Jun-26	Skid Steer Loaders	1	4.50	65	0.37
Jun-26	Tractors/Loaders/Backhoes	1	1.10	224	0.37
Jun-26	Tractors/Loaders/Backhoes	4	9.00	349	0.37
Jun-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Jun-26	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Jun-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Jul-26	Bore/Drill Rigs	1	0.50	221	0.50
Jul-26	Bore/Drill Rigs	1	1.80	221	0.50
Jul-26	Cranes	1	9.00	231	0.29
Jul-26	Cranes	4	9.00	231	0.29
Jul-26	Cranes	1	5.40	231	0.29
Jul-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Jul-26	Excavators	2	9.00	158	0.38
Jul-26	Graders	1	1.80	199	0.41
Jul-26	Off-Highway Trucks	4	9.00	402	0.38
Jul-26	Off-Highway Trucks	2	9.00	402	0.38
Jul-26	Off-Highway Trucks	1	7.10	402	0.38
Jul-26	Off-Highway Trucks	1	9.00	402	0.38
Jul-26	Off-Highway Trucks	1	9.00	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Jul-26	Off-Highway Trucks	1	0.20	402	0.38
Jul-26	Off-Highway Trucks	4	9.00	402	0.38
Jul-26	Off-Highway Trucks	1	9.00	199	0.38
Jul-26	Off-Highway Trucks	2	9.00	402	0.38
Jul-26	Off-Highway Trucks	1	5.80	402	0.38
Jul-26	Other Construction Equipment	2	9.00	6	0.42
Jul-26	Other Construction Equipment	2	9.00	6	0.42
Jul-26	Pumps	1	9.00	84	0.74
Jul-26	Pumps	1	0.60	84	0.74
Jul-26	Rollers	1	1.80	80	0.38
Jul-26	Skid Steer Loaders	2	9.00	65	0.37
Jul-26	Skid Steer Loaders	1	4.50	65	0.37
Jul-26	Tractors/Loaders/Backhoes	1	1.10	224	0.37
Jul-26	Tractors/Loaders/Backhoes	1	4.50	249	0.37
Jul-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Jul-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Jul-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Jul-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Aug-26	Aerial Lifts	1	9.00	63	0.31
Aug-26	Air Compressors	13	9.00	78	0.48
Aug-26	Air Compressors	1	1.80	78	0.48
Aug-26	Air Compressors	1	2.30	78	0.48
Aug-26	Cranes	1	9.00	231	0.29
Aug-26	Cranes	4	9.00	231	0.29
Aug-26	Cranes	1	1.80	231	0.29
Aug-26	Cranes	1	7.60	231	0.29
Aug-26	Crushing/Proc. Equipment	1	9.00	85	0.78

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Aug-26	Excavators	2	9.00	158	0.38
Aug-26	Forklifts	1	0.40	89	0.20
Aug-26	Graders	1	4.40	199	0.41
Aug-26	Graders	1	9.00	249	0.41
Aug-26	Off-Highway Trucks	1	0.10	402	0.38
Aug-26	Off-Highway Trucks	4	9.00	402	0.38
Aug-26	Off-Highway Trucks	3	9.00	402	0.38
Aug-26	Off-Highway Trucks	1	9.00	402	0.38
Aug-26	Off-Highway Trucks	1	9.00	402	0.38
Aug-26	Off-Highway Trucks	4	9.00	402	0.38
Aug-26	Off-Highway Trucks	1	9.00	199	0.38
Aug-26	Off-Highway Trucks	1	0.70	402	0.38
Aug-26	Off-Highway Trucks	1	5.80	402	0.38
Aug-26	Other Construction Equipment	2	9.00	6	0.42
Aug-26	Pumps	1	9.00	84	0.74
Aug-26	Pumps	1	0.60	84	0.74
Aug-26	Rollers	1	1.80	80	0.38
Aug-26	Rollers	1	9.00	80	0.38
Aug-26	Rubber Tired Dozers	1	9.00	247	0.40
Aug-26	Skid Steer Loaders	2	9.00	65	0.37
Aug-26	Skid Steer Loaders	1	4.50	65	0.37
Aug-26	Tractors/Loaders/Backhoes	1	1.10	224	0.37
Aug-26	Tractors/Loaders/Backhoes	1	4.50	249	0.37
Aug-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Aug-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Aug-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Aug-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Aug-26	Welders	55	9.00	46	0.45
Aug-26	Welders	1	7.20	46	0.45
Aug-26	Welders	1	0.50	46	0.45
Sep-26	Aerial Lifts	1	9.00	63	0.31
Sep-26	Air Compressors	13	9.00	78	0.48
Sep-26	Air Compressors	1	1.80	78	0.48
Sep-26	Cranes	1	9.00	231	0.29
Sep-26	Cranes	1	4.50	231	0.29
Sep-26	Cranes	4	9.00	231	0.29
Sep-26	Cranes	1	7.20	231	0.29
Sep-26	Cranes	1	5.40	231	0.29
Sep-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Sep-26	Excavators	1	0.20	158	0.38
Sep-26	Excavators	4	9.00	158	0.38
Sep-26	Excavators	2	9.00	158	0.38
Sep-26	Excavators	1	9.00	158	0.38
Sep-26	Forklifts	1	9.00	89	0.20
Sep-26	Forklifts	1	1.90	89	0.20
Sep-26	Forklifts	1	0.70	89	0.20
Sep-26	Forklifts	1	9.00	89	0.20
Sep-26	Forklifts	1	1.80	89	0.20
Sep-26	Graders	1	6.90	199	0.41
Sep-26	Graders	1	9.00	249	0.41
Sep-26	Graders	1	9.00	169	0.41
Sep-26	Off-Highway Trucks	1	0.10	402	0.38
Sep-26	Off-Highway Trucks	4	9.00	402	0.38
Sep-26	Off-Highway Trucks	4	9.00	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Sep-26	Off-Highway Trucks	1	5.20	402	0.38
Sep-26	Off-Highway Trucks	3	9.00	402	0.38
Sep-26	Off-Highway Trucks	1	4.10	402	0.38
Sep-26	Off-Highway Trucks	1	9.00	402	0.38
Sep-26	Off-Highway Trucks	1	9.00	402	0.38
Sep-26	Off-Highway Trucks	1	9.00	199	0.38
Sep-26	Off-Highway Trucks	1	5.80	402	0.38
Sep-26	Other Construction Equipment	2	9.00	6	0.42
Sep-26	Paving Equipment	1	0.60	132	0.36
Sep-26	Pumps	1	9.00	84	0.74
Sep-26	Pumps	1	0.60	84	0.74
Sep-26	Rollers	4	9.00	80	0.38
Sep-26	Rollers	1	0.70	80	0.38
Sep-26	Rollers	1	1.80	80	0.38
Sep-26	Rubber Tired Dozers	3	9.00	247	0.40
Sep-26	Skid Steer Loaders	2	9.00	65	0.37
Sep-26	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Sep-26	Tractors/Loaders/Backhoes	1	4.50	249	0.37
Sep-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Sep-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Sep-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Sep-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Sep-26	Welders	55	9.00	46	0.45
Sep-26	Welders	1	7.20	46	0.45
Sep-26	Welders	2	9.00	46	0.45
Sep-26	Welders	1	2.60	46	0.45
Sep-26	Welders	1	1.80	46	0.45

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Sep-26	Welders	1	1.80	46	0.45
Oct-26	Aerial Lifts	1	9.00	63	0.31
Oct-26	Aerial Lifts	1	4.50	63	0.31
Oct-26	Air Compressors	14	9.00	78	0.48
Oct-26	Air Compressors	1	6.70	78	0.48
Oct-26	Cranes	1	9.00	231	0.29
Oct-26	Cranes	1	4.50	231	0.29
Oct-26	Cranes	4	9.00	231	0.29
Oct-26	Cranes	1	7.20	231	0.29
Oct-26	Cranes	1	5.40	231	0.29
Oct-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Oct-26	Excavators	1	0.20	158	0.38
Oct-26	Excavators	4	9.00	158	0.38
Oct-26	Excavators	2	9.00	158	0.38
Oct-26	Excavators	1	9.00	158	0.38
Oct-26	Forklifts	1	9.00	89	0.20
Oct-26	Forklifts	1	0.70	89	0.20
Oct-26	Forklifts	1	9.00	89	0.20
Oct-26	Forklifts	1	1.80	89	0.20
Oct-26	Forklifts	1	1.80	89	0.20
Oct-26	Graders	1	6.90	199	0.41
Oct-26	Graders	1	9.00	249	0.41
Oct-26	Graders	1	9.00	169	0.41
Oct-26	Off-Highway Trucks	4	9.00	402	0.38
Oct-26	Off-Highway Trucks	5	9.00	402	0.38
Oct-26	Off-Highway Trucks	1	0.70	402	0.38
Oct-26	Off-Highway Trucks	3	9.00	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Oct-26	Off-Highway Trucks	1	4.10	402	0.38
Oct-26	Off-Highway Trucks	1	9.00	402	0.38
Oct-26	Off-Highway Trucks	1	4.10	402	0.38
Oct-26	Off-Highway Trucks	1	9.00	402	0.38
Oct-26	Off-Highway Trucks	1	9.00	199	0.38
Oct-26	Off-Highway Trucks	1	5.80	402	0.38
Oct-26	Other Construction Equipment	2	9.00	6	0.42
Oct-26	Paving Equipment	2	9.00	132	0.36
Oct-26	Paving Equipment	1	7.20	132	0.36
Oct-26	Paving Equipment	1	0.60	132	0.36
Oct-26	Pumps	1	9.00	84	0.74
Oct-26	Pumps	1	0.60	84	0.74
Oct-26	Rollers	5	9.00	80	0.38
Oct-26	Rollers	1	0.60	80	0.38
Oct-26	Rollers	1	5.90	80	0.38
Oct-26	Rubber Tired Dozers	3	9.00	247	0.40
Oct-26	Skid Steer Loaders	2	9.00	65	0.37
Oct-26	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Oct-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Oct-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Oct-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Oct-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Oct-26	Tractors/Loaders/Backhoes	1	4.40	97	0.37
Oct-26	Welders	55	9.00	46	0.45
Oct-26	Welders	1	7.70	46	0.45
Oct-26	Welders	2	9.00	46	0.45
Oct-26	Welders	1	2.60	46	0.45

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Oct-26	Welders	1	1.80	46	0.45
Oct-26	Welders	1	1.40	46	0.45
Nov-26	Aerial Lifts	1	4.50	63	0.31
Nov-26	Air Compressors	14	9.00	78	0.48
Nov-26	Air Compressors	1	6.60	78	0.48
Nov-26	Cranes	1	9.00	231	0.29
Nov-26	Cranes	1	5.40	231	0.29
Nov-26	Cranes	1	4.50	231	0.29
Nov-26	Cranes	1	7.20	231	0.29
Nov-26	Excavators	1	5.70	158	0.38
Nov-26	Excavators	1	0.20	158	0.38
Nov-26	Excavators	1	9.00	158	0.38
Nov-26	Excavators	1	0.10	158	0.38
Nov-26	Excavators	1	9.00	158	0.38
Nov-26	Forklifts	1	9.00	89	0.20
Nov-26	Forklifts	1	1.90	89	0.20
Nov-26	Forklifts	1	0.70	89	0.20
Nov-26	Forklifts	1	3.90	89	0.20
Nov-26	Forklifts	1	9.00	89	0.20
Nov-26	Forklifts	1	1.90	89	0.20
Nov-26	Generator Sets	1	0.10	84	0.74
Nov-26	Graders	1	5.70	199	0.41
Nov-26	Off-Highway Trucks	1	0.10	402	0.38
Nov-26	Off-Highway Trucks	2	9.00	402	0.38
Nov-26	Off-Highway Trucks	1	7.10	402	0.38
Nov-26	Off-Highway Trucks	3	9.00	402	0.38
Nov-26	Off-Highway Trucks	1	0.60	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Nov-26	Off-Highway Trucks	2	9.00	402	0.38
Nov-26	Off-Highway Trucks	1	4.10	402	0.38
Nov-26	Off-Highway Trucks	1	9.00	402	0.38
Nov-26	Off-Highway Trucks	1	5.80	402	0.38
Nov-26	Pavers	1	9.00	130	0.42
Nov-26	Pavers	1	4.50	130	0.42
Nov-26	Pavers	1	6.20	130	0.42
Nov-26	Pavers	1	0.20	130	0.42
Nov-26	Paving Equipment	1	1.90	132	0.36
Nov-26	Paving Equipment	4	9.00	132	0.36
Nov-26	Paving Equipment	1	2.70	132	0.36
Nov-26	Paving Equipment	1	0.10	132	0.36
Nov-26	Paving Equipment	1	6.20	132	0.36
Nov-26	Rollers	1	12.60	80	0.38
Nov-26	Rollers	1	5.90	80	0.38
Nov-26	Rough Terrain Forklifts	1	0.10	100	0.40
Nov-26	Rubber Tired Dozers	1	5.10	247	0.40
Nov-26	Tractors/Loaders/Backhoes	1	1.00	224	0.37
Nov-26	Tractors/Loaders/Backhoes	1	9.00	249	0.37
Nov-26	Tractors/Loaders/Backhoes	1	7.60	97	0.37
Nov-26	Welders	55	9.00	46	0.45
Nov-26	Welders	1	7.70	46	0.45
Nov-26	Welders	1	1.80	46	0.45
Nov-26	Welders	4	9.00	46	0.45
Nov-26	Welders	1	5.40	46	0.45
Nov-26	Welders	1	0.40	46	0.45
Nov-26	Welders	1	9.00	46	0.45

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Nov-26	Welders	1	7.60	46	0.45
Nov-26	Welders	1	1.80	46	0.45
Dec-26	Aerial Lifts	1	9.00	63	0.31
Dec-26	Air Compressors	11	9.00	78	0.48
Dec-26	Air Compressors	1	2.30	78	0.48
Dec-26	Cranes	1	9.00	231	0.29
Dec-26	Cranes	1	5.40	231	0.29
Dec-26	Cranes	1	4.50	231	0.29
Dec-26	Cranes	1	9.00	231	0.29
Dec-26	Cranes	1	9.00	231	0.29
Dec-26	Cranes	1	3.60	231	0.29
Dec-26	Excavators	1	5.70	158	0.38
Dec-26	Excavators	1	0.30	158	0.38
Dec-26	Excavators	1	9.00	158	0.38
Dec-26	Excavators	1	0.10	158	0.38
Dec-26	Excavators	1	9.00	158	0.38
Dec-26	Forklifts	1	9.00	89	0.20
Dec-26	Forklifts	1	1.90	89	0.20
Dec-26	Forklifts	1	4.50	89	0.20
Dec-26	Forklifts	1	3.90	89	0.20
Dec-26	Forklifts	1	9.00	89	0.20
Dec-26	Forklifts	1	1.90	89	0.20
Dec-26	Generator Sets	1	0.10	84	0.74
Dec-26	Graders	1	5.70	199	0.41
Dec-26	Off-Highway Trucks	1	0.20	402	0.38
Dec-26	Off-Highway Trucks	1	0.10	402	0.38
Dec-26	Off-Highway Trucks	2	9.00	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Dec-26	Off-Highway Trucks	1	7.10	402	0.38
Dec-26	Off-Highway Trucks	3	9.00	402	0.38
Dec-26	Off-Highway Trucks	1	0.60	402	0.38
Dec-26	Off-Highway Trucks	1	9.00	402	0.38
Dec-26	Off-Highway Trucks	1	4.10	402	0.38
Dec-26	Off-Highway Trucks	1	9.00	402	0.38
Dec-26	Off-Highway Trucks	1	5.80	402	0.38
Dec-26	Off-Highway Trucks	1	2.10	402	0.38
Dec-26	Pavers	1	9.00	130	0.42
Dec-26	Pavers	1	4.50	130	0.42
Dec-26	Pavers	1	6.20	130	0.42
Dec-26	Pavers	1	0.20	130	0.42
Dec-26	Paving Equipment	1	1.90	132	0.36
Dec-26	Paving Equipment	4	9.00	132	0.36
Dec-26	Paving Equipment	1	2.70	132	0.36
Dec-26	Paving Equipment	1	0.10	132	0.36
Dec-26	Paving Equipment	1	6.20	132	0.36
Dec-26	Pumps	1	9.00	84	0.74
Dec-26	Pumps	1	1.40	84	0.74
Dec-26	Rollers	1	9.00	80	0.38
Dec-26	Rollers	1	3.60	80	0.38
Dec-26	Rollers	1	5.90	80	0.38
Dec-26	Rough Terrain Forklifts	1	0.10	100	0.40
Dec-26	Rubber Tired Dozers	1	5.10	247	0.40
Dec-26	Tractors/Loaders/Backhoes	1	1.00	224	0.37
Dec-26	Tractors/Loaders/Backhoes	1	9.00	97	0.37
Dec-26	Tractors/Loaders/Backhoes	1	7.60	97	0.37

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Dec-26	Welders	42	9.00	46	0.45
Dec-26	Welders	1	5.40	46	0.45
Dec-26	Welders	1	1.80	46	0.45
Dec-26	Welders	4	9.00	46	0.45
Dec-26	Welders	1	5.40	46	0.45
Dec-26	Welders	1	0.40	46	0.45
Dec-26	Welders	1	9.00	46	0.45
Dec-26	Welders	1	3.10	46	0.45
Dec-26	Welders	1	1.80	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Jan-26	70	692.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Feb-26	85	658.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Mar-26	61	758.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Apr-26	60	722.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
May-26	58	724.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Jun-26	69	755.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Jul-26	48	740.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Aug-26	122	725.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Sep-26	144	756.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Oct-26	151	862.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Nov-26	131	810.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Dec-26	121	816.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Use Cleaner Engines for Construction Equipment

3.2 Jan-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	18.1470	127.9014	158.2942	0.4779		4.9433	4.9433		4.5687	4.5687		46,211.35 25	46,211.35 25	14.5352		46,574.73 13
Total	18.1470	127.9014	158.2942	0.4779	4.3228	4.9433	9.2661	0.6546	4.5687	5.2233		46,211.35 25	46,211.35 25	14.5352		46,574.73 13

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	3.7171	2.4315	22.2970	0.0815	11.5727	0.0601	11.6328	3.0687	0.0553	3.1240		8,125.987 8	8,125.987 8	0.1684		8,130.197 5
Total	3.7171	2.4315	22.2970	0.0815	11.5727	0.0601	11.6328	3.0687	0.0553	3.1240		8,125.987 8	8,125.987 8	0.1684		8,130.197 5

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.2 Jan-26 - 2026

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	6.6171	60.5249	243.0185	0.4779		1.1906	1.1906		1.1906	1.1906	0.0000	46,211.35 24	46,211.35 24	14.5352		46,574.73 13
Total	6.6171	60.5249	243.0185	0.4779	4.3228	1.1906	5.5134	0.6546	1.1906	1.8452	0.0000	46,211.35 24	46,211.35 24	14.5352		46,574.73 13

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	3.7171	2.4315	22.2970	0.0815	11.5727	0.0601	11.6328	3.0687	0.0553	3.1240		8,125.987 8	8,125.987 8	0.1684		8,130.197 5
Total	3.7171	2.4315	22.2970	0.0815	11.5727	0.0601	11.6328	3.0687	0.0553	3.1240		8,125.987 8	8,125.987 8	0.1684		8,130.197 5

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.3 Feb-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	26.9908	183.0031	209.9597	0.6922		6.8995	6.8995		6.4004	6.4004		66,782.85 33	66,782.85 33	20.6619		67,299.40 13
Total	26.9908	183.0031	209.9597	0.6922	4.3228	6.8995	11.2223	0.6546	6.4004	7.0550		66,782.85 33	66,782.85 33	20.6619		67,299.40 13

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	3.5345	2.3120	21.2015	0.0775	11.0041	0.0571	11.0612	2.9179	0.0526	2.9705		7,726.734 1	7,726.734 1	0.1601		7,730.737 0
Total	3.5345	2.3120	21.2015	0.0775	11.0041	0.0571	11.0612	2.9179	0.0526	2.9705		7,726.734 1	7,726.734 1	0.1601		7,730.737 0

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.3 Feb-26 - 2026

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	9.1827	73.0952	334.1455	0.6922		1.7051	1.7051		1.7051	1.7051	0.0000	66,782.85 33	66,782.85 33	20.6619		67,299.40 12
Total	9.1827	73.0952	334.1455	0.6922	4.3228	1.7051	6.0279	0.6546	1.7051	2.3597	0.0000	66,782.85 33	66,782.85 33	20.6619		67,299.40 12

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	3.5345	2.3120	21.2015	0.0775	11.0041	0.0571	11.0612	2.9179	0.0526	2.9705		7,726.734 1	7,726.734 1	0.1601		7,730.737 0
Total	3.5345	2.3120	21.2015	0.0775	11.0041	0.0571	11.0612	2.9179	0.0526	2.9705		7,726.734 1	7,726.734 1	0.1601		7,730.737 0

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.4 Mar-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	17.7149	119.9130	138.1878	0.4695		4.5317	4.5317		4.1801	4.1801		45,413.6973	45,413.6973	14.4782		45,775.6519
Total	17.7149	119.9130	138.1878	0.4695	4.3228	4.5317	8.8546	0.6546	4.1801	4.8347		45,413.6973	45,413.6973	14.4782		45,775.6519

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	4.0716	2.6634	24.4236	0.0892	12.6765	0.0658	12.7422	3.3614	0.0606	3.4220		8,901.0098	8,901.0098	0.1845		8,905.6210
Total	4.0716	2.6634	24.4236	0.0892	12.6765	0.0658	12.7422	3.3614	0.0606	3.4220		8,901.0098	8,901.0098	0.1845		8,905.6210

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.4 Mar-26 - 2026

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	6.1407	43.7407	225.6645	0.4695		1.0235	1.0235		1.0235	1.0235	0.0000	45,413.6972	45,413.6972	14.4782		45,775.6518
Total	6.1407	43.7407	225.6645	0.4695	4.3228	1.0235	5.3464	0.6546	1.0235	1.6782	0.0000	45,413.6972	45,413.6972	14.4782		45,775.6518

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	4.0716	2.6634	24.4236	0.0892	12.6765	0.0658	12.7422	3.3614	0.0606	3.4220		8,901.0098	8,901.0098	0.1845		8,905.6210
Total	4.0716	2.6634	24.4236	0.0892	12.6765	0.0658	12.7422	3.3614	0.0606	3.4220		8,901.0098	8,901.0098	0.1845		8,905.6210

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.5 Apr-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	14.2092	98.8565	111.6854	0.3712		3.7796	3.7796		3.4882	3.4882		35,904.67 29	35,904.67 29	11.3912		36,189.45 27
Total	14.2092	98.8565	111.6854	0.3712	4.3228	3.7796	8.1024	0.6546	3.4882	4.1428		35,904.67 29	35,904.67 29	11.3912		36,189.45 27

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	3.8783	2.5369	23.2636	0.0850	12.0744	0.0627	12.1371	3.2017	0.0577	3.2595		8,478.270 5	8,478.270 5	0.1757		8,482.662 7
Total	3.8783	2.5369	23.2636	0.0850	12.0744	0.0627	12.1371	3.2017	0.0577	3.2595		8,478.270 5	8,478.270 5	0.1757		8,482.662 7

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.5 Apr-26 - 2026

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	4.9272	38.1010	179.7605	0.3712		0.8582	0.8582		0.8582	0.8582	0.0000	35,904.67 29	35,904.67 29	11.3912		36,189.45 27
Total	4.9272	38.1010	179.7605	0.3712	4.3228	0.8582	5.1810	0.6546	0.8582	1.5128	0.0000	35,904.67 29	35,904.67 29	11.3912		36,189.45 27

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	3.8783	2.5369	23.2636	0.0850	12.0744	0.0627	12.1371	3.2017	0.0577	3.2595		8,478.270 5	8,478.270 5	0.1757		8,482.662 7
Total	3.8783	2.5369	23.2636	0.0850	12.0744	0.0627	12.1371	3.2017	0.0577	3.2595		8,478.270 5	8,478.270 5	0.1757		8,482.662 7

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.6 May-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	13.9950	96.4891	109.4812	0.3660		3.6938	3.6938		3.4093	3.4093		35,407.38 58	35,407.38 58	11.2304		35,688.14 48
Total	13.9950	96.4891	109.4812	0.3660	4.3228	3.6938	8.0166	0.6546	3.4093	4.0639		35,407.38 58	35,407.38 58	11.2304		35,688.14 48

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	3.8890	2.5439	23.3281	0.0852	12.1079	0.0629	12.1707	3.2106	0.0579	3.2685		8,501.756 0	8,501.756 0	0.1762		8,506.160 4
Total	3.8890	2.5439	23.3281	0.0852	12.1079	0.0629	12.1707	3.2106	0.0579	3.2685		8,501.756 0	8,501.756 0	0.1762		8,506.160 4

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.6 May-26 - 2026

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	4.8409	36.8665	176.8647	0.3660		0.8095	0.8095		0.8095	0.8095	0.0000	35,407.38 58	35,407.38 58	11.2304		35,688.14 48
Total	4.8409	36.8665	176.8647	0.3660	4.3228	0.8095	5.1323	0.6546	0.8095	1.4641	0.0000	35,407.38 58	35,407.38 58	11.2304		35,688.14 48

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	3.8890	2.5439	23.3281	0.0852	12.1079	0.0629	12.1707	3.2106	0.0579	3.2685		8,501.756 0	8,501.756 0	0.1762		8,506.160 4
Total	3.8890	2.5439	23.3281	0.0852	12.1079	0.0629	12.1707	3.2106	0.0579	3.2685		8,501.756 0	8,501.756 0	0.1762		8,506.160 4

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.7 Jun-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	19.7771	136.3969	159.4960	0.5211		5.2267	5.2267		4.8286	4.8286		50,404.12 23	50,404.12 23	15.8997		50,801.61 48
Total	19.7771	136.3969	159.4960	0.5211	4.3228	5.2267	9.5495	0.6546	4.8286	5.4832		50,404.12 23	50,404.12 23	15.8997		50,801.61 48

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	4.0555	2.6529	24.3269	0.0889	12.6263	0.0655	12.6918	3.3481	0.0604	3.4084		8,865.781 5	8,865.781 5	0.1837		8,870.374 5
Total	4.0555	2.6529	24.3269	0.0889	12.6263	0.0655	12.6918	3.3481	0.0604	3.4084		8,865.781 5	8,865.781 5	0.1837		8,870.374 5

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.7 Jun-26 - 2026

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	6.9867	56.5240	255.8023	0.5211		1.1493	1.1493		1.1493	1.1493	0.0000	50,404.12 23	50,404.12 23	15.8997		50,801.61 48
Total	6.9867	56.5240	255.8023	0.5211	4.3228	1.1493	5.4722	0.6546	1.1493	1.8040	0.0000	50,404.12 23	50,404.12 23	15.8997		50,801.61 48

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	4.0555	2.6529	24.3269	0.0889	12.6263	0.0655	12.6918	3.3481	0.0604	3.4084		8,865.781 5	8,865.781 5	0.1837		8,870.374 5
Total	4.0555	2.6529	24.3269	0.0889	12.6263	0.0655	12.6918	3.3481	0.0604	3.4084		8,865.781 5	8,865.781 5	0.1837		8,870.374 5

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.8 Jul-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	13.5695	96.1508	106.2091	0.3537		3.6948	3.6948		3.4189	3.4189		34,203.45 86	34,203.45 86	10.6495		34,469.69 71
Total	13.5695	96.1508	106.2091	0.3537	4.3228	3.6948	8.0177	0.6546	3.4189	4.0735		34,203.45 86	34,203.45 86	10.6495		34,469.69 71

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	3.9750	2.6002	23.8436	0.0871	12.3754	0.0642	12.4397	3.2815	0.0592	3.3407		8,689.640 2	8,689.640 2	0.1801		8,694.141 9
Total	3.9750	2.6002	23.8436	0.0871	12.3754	0.0642	12.4397	3.2815	0.0592	3.3407		8,689.640 2	8,689.640 2	0.1801		8,694.141 9

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.8 Jul-26 - 2026

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	4.7292	37.4219	172.2709	0.3537		0.7402	0.7402		0.7402	0.7402	0.0000	34,203.4586	34,203.4586	10.6495		34,469.6971
Total	4.7292	37.4219	172.2709	0.3537	4.3228	0.7402	5.0631	0.6546	0.7402	1.3949	0.0000	34,203.4586	34,203.4586	10.6495		34,469.6971

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	3.9750	2.6002	23.8436	0.0871	12.3754	0.0642	12.4397	3.2815	0.0592	3.3407		8,689.6402	8,689.6402	0.1801		8,694.1419
Total	3.9750	2.6002	23.8436	0.0871	12.3754	0.0642	12.4397	3.2815	0.0592	3.3407		8,689.6402	8,689.6402	0.1801		8,694.1419

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.9 Aug-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	31.6593	217.1362	253.7913	0.5806		7.8504	7.8504		7.5307	7.5307		53,531.76 60	53,531.76 60	12.3956		53,841.65 67
Total	31.6593	217.1362	253.7913	0.5806	4.3228	7.8504	12.1732	0.6546	7.5307	8.1853		53,531.76 60	53,531.76 60	12.3956		53,841.65 67

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	3.8944	2.5474	23.3603	0.0853	12.1246	0.0629	12.1875	3.2150	0.0580	3.2730		8,513.498 8	8,513.498 8	0.1764		8,517.909 3
Total	3.8944	2.5474	23.3603	0.0853	12.1246	0.0629	12.1875	3.2150	0.0580	3.2730		8,513.498 8	8,513.498 8	0.1764		8,517.909 3

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.9 Aug-26 - 2026

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	8.7766	167.8108	309.6044	0.5806		3.8082	3.8082		3.8082	3.8082	0.0000	53,531.76 59	53,531.76 59	12.3956		53,841.65 66
Total	8.7766	167.8108	309.6044	0.5806	4.3228	3.8082	8.1310	0.6546	3.8082	4.4628	0.0000	53,531.76 59	53,531.76 59	12.3956		53,841.65 66

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	3.8944	2.5474	23.3603	0.0853	12.1246	0.0629	12.1875	3.2150	0.0580	3.2730		8,513.498 8	8,513.498 8	0.1764		8,517.909 3
Total	3.8944	2.5474	23.3603	0.0853	12.1246	0.0629	12.1875	3.2150	0.0580	3.2730		8,513.498 8	8,513.498 8	0.1764		8,517.909 3

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.10 Sep-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	36.6827	260.2825	302.2144	0.6758		9.7840	9.7840		9.3178	9.3178		62,636.59 24	62,636.59 24	15.2289		63,017.31 58
Total	36.6827	260.2825	302.2144	0.6758	4.3228	9.7840	14.1068	0.6546	9.3178	9.9724		62,636.59 24	62,636.59 24	15.2289		63,017.31 58

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	4.0609	2.6564	24.3591	0.0890	12.6430	0.0656	12.7086	3.3525	0.0604	3.4129		8,877.524 3	8,877.524 3	0.1840		8,882.123 3
Total	4.0609	2.6564	24.3591	0.0890	12.6430	0.0656	12.7086	3.3525	0.0604	3.4129		8,877.524 3	8,877.524 3	0.1840		8,882.123 3

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.10 Sep-26 - 2026

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	10.0923	181.3945	368.0340	0.6758		4.0654	4.0654		4.0654	4.0654	0.0000	62,636.59 23	62,636.59 23	15.2289		63,017.31 57
Total	10.0923	181.3945	368.0340	0.6758	4.3228	4.0654	8.3882	0.6546	4.0654	4.7200	0.0000	62,636.59 23	62,636.59 23	15.2289		63,017.31 57

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	4.0609	2.6564	24.3591	0.0890	12.6430	0.0656	12.7086	3.3525	0.0604	3.4129		8,877.524 3	8,877.524 3	0.1840		8,882.123 3
Total	4.0609	2.6564	24.3591	0.0890	12.6430	0.0656	12.7086	3.3525	0.0604	3.4129		8,877.524 3	8,877.524 3	0.1840		8,882.123 3

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.11 Oct-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	38.2236	272.2153	321.6119	0.7121		10.3186	10.3186		9.8192	9.8192		66,131.4388	66,131.4388	16.1833		66,536.0223
Total	38.2236	272.2153	321.6119	0.7121	4.3228	10.3186	14.6414	0.6546	9.8192	10.4738		66,131.4388	66,131.4388	16.1833		66,536.0223

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	4.6303	3.0288	27.7746	0.1015	14.4157	0.0748	14.4905	3.8226	0.0689	3.8915		10,122.2565	10,122.2565	0.2098		10,127.5004
Total	4.6303	3.0288	27.7746	0.1015	14.4157	0.0748	14.4905	3.8226	0.0689	3.8915		10,122.2565	10,122.2565	0.2098		10,127.5004

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.11 Oct-26 - 2026

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	10.6331	187.2542	391.2015	0.7121		4.1433	4.1433		4.1433	4.1433	0.0000	66,131.4388	66,131.4388	16.1833		66,536.0222
Total	10.6331	187.2542	391.2015	0.7121	4.3228	4.1433	8.4661	0.6546	4.1433	4.7979	0.0000	66,131.4388	66,131.4388	16.1833		66,536.0222

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	4.6303	3.0288	27.7746	0.1015	14.4157	0.0748	14.4905	3.8226	0.0689	3.8915		10,122.2565	10,122.2565	0.2098		10,127.5004
Total	4.6303	3.0288	27.7746	0.1015	14.4157	0.0748	14.4905	3.8226	0.0689	3.8915		10,122.2565	10,122.2565	0.2098		10,127.5004

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.12 Nov-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	29.1711	194.5123	246.1011	0.4996		7.0781	7.0781		6.8339	6.8339		45,406.64 22	45,406.64 22	9.6658		45,648.28 78
Total	29.1711	194.5123	246.1011	0.4996	4.3228	7.0781	11.4010	0.6546	6.8339	7.4886		45,406.64 22	45,406.64 22	9.6658		45,648.28 78

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	4.3510	2.8461	26.0991	0.0954	13.5461	0.0703	13.6164	3.5920	0.0648	3.6567		9,511.633 1	9,511.633 1	0.1971		9,516.560 7
Total	4.3510	2.8461	26.0991	0.0954	13.5461	0.0703	13.6164	3.5920	0.0648	3.6567		9,511.633 1	9,511.633 1	0.1971		9,516.560 7

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.12 Nov-26 - 2026

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	7.6002	162.1296	281.2653	0.4996		3.8207	3.8207		3.8207	3.8207	0.0000	45,406.64 22	45,406.64 22	9.6658		45,648.28 78
Total	7.6002	162.1296	281.2653	0.4996	4.3228	3.8207	8.1435	0.6546	3.8207	4.4753	0.0000	45,406.64 22	45,406.64 22	9.6658		45,648.28 78

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	4.3510	2.8461	26.0991	0.0954	13.5461	0.0703	13.6164	3.5920	0.0648	3.6567		9,511.633 1	9,511.633 1	0.1971		9,516.560 7
Total	4.3510	2.8461	26.0991	0.0954	13.5461	0.0703	13.6164	3.5920	0.0648	3.6567		9,511.633 1	9,511.633 1	0.1971		9,516.560 7

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.13 Dec-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	25.3432	174.1662	217.9993	0.4488		6.4654	6.4654		6.2086	6.2086		41,119.4073	41,119.4073	9.1782		41,348.8614
Total	25.3432	174.1662	217.9993	0.4488	4.3228	6.4654	10.7882	0.6546	6.2086	6.8632		41,119.4073	41,119.4073	9.1782		41,348.8614

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	4.3832	2.8672	26.2924	0.0961	13.6464	0.0708	13.7172	3.6186	0.0652	3.6838		9,582.0897	9,582.0897	0.1986		9,587.0537
Total	4.3832	2.8672	26.2924	0.0961	13.6464	0.0708	13.7172	3.6186	0.0652	3.6838		9,582.0897	9,582.0897	0.1986		9,587.0537

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.13 Dec-26 - 2026

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	6.7595	133.9302	252.7300	0.4488		3.1013	3.1013		3.1013	3.1013	0.0000	41,119.40 73	41,119.40 73	9.1782		41,348.86 14
Total	6.7595	133.9302	252.7300	0.4488	4.3228	3.1013	7.4241	0.6546	3.1013	3.7559	0.0000	41,119.40 73	41,119.40 73	9.1782		41,348.86 14

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	4.3832	2.8672	26.2924	0.0961	13.6464	0.0708	13.7172	3.6186	0.0652	3.6838		9,582.089 7	9,582.089 7	0.1986		9,587.053 7
Total	4.3832	2.8672	26.2924	0.0961	13.6464	0.0708	13.7172	3.6186	0.0652	3.6838		9,582.089 7	9,582.089 7	0.1986		9,587.053 7

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.13 Dec-26 - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	25.3432	174.1662	217.9993	0.4488		6.4654	6.4654		6.2086	6.2086		41,119.4073	41,119.4073	9.1782		41,348.8614
Total	25.3432	174.1662	217.9993	0.4488	4.3228	6.4654	10.7882	0.6546	6.2086	6.8632		41,119.4073	41,119.4073	9.1782		41,348.8614

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	4.1716	2.6097	24.3918	0.0927	13.6464	0.0668	13.7132	3.6186	0.0615	3.6801		9,251.1328	9,251.1328	0.1793		9,255.6155
Total	4.1716	2.6097	24.3918	0.0927	13.6464	0.0668	13.7132	3.6186	0.0615	3.6801		9,251.1328	9,251.1328	0.1793		9,255.6155

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.13 Dec-26 - 2027

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	6.7595	133.9302	252.7300	0.4488		3.1013	3.1013		3.1013	3.1013	0.0000	41,119.4073	41,119.4073	9.1782		41,348.8614
Total	6.7595	133.9302	252.7300	0.4488	4.3228	3.1013	7.4241	0.6546	3.1013	3.7559	0.0000	41,119.4073	41,119.4073	9.1782		41,348.8614

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	4.1716	2.6097	24.3918	0.0927	13.6464	0.0668	13.7132	3.6186	0.0615	3.6801		9,251.1328	9,251.1328	0.1793		9,255.6155
Total	4.1716	2.6097	24.3918	0.0927	13.6464	0.0668	13.7132	3.6186	0.0615	3.6801		9,251.1328	9,251.1328	0.1793		9,255.6155

4.0 Operational Detail - Mobile

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Heavy Industry	13.00	13.00	13.00	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.602606	0.026011	0.198672	0.108173	0.017753	0.004949	0.012577	0.019761	0.002270	0.001100	0.004459	0.000730	0.000939

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Heavy Industry	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					
General Heavy Industry	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

DCPP Decommissioning - San Luis Obispo County APCD Air District, 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	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

DCPP Decommissioning - San Luis Obispo County APCD Air District, 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

DCPP Decommissioning
San Luis Obispo County APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	0.00	1000sqft	585.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	3.2	Precipitation Freq (Days)	44
Climate Zone	4			Operational Year	2034
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Project Characteristics -

Land Use - Total lot acreage.

Construction Phase - 20 working days per month based on 4 day work week and 5 weeks per month.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Trips and VMT - Data from PG&E employee totals. Assumed 22 miles from downtown SLO to DCPP.

Demolition -

Grading -

Construction Off-road Equipment Mitigation - Scenario 2: Tier 4 Final for equipment HP>50, Tier 4 Interim for HP<50.

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	134.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	73.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	116.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	95.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	241.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	80.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	40.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	56.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	200.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	496.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	15.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	15.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	999.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	999.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	7.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	10.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	9.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	7.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

tblTripsAndVMT	WorkerTripNumber	233.00	431.00
tblTripsAndVMT	WorkerTripNumber	338.00	436.00
tblTripsAndVMT	WorkerTripNumber	420.00	442.00
tblTripsAndVMT	WorkerTripNumber	323.00	426.00
tblTripsAndVMT	WorkerTripNumber	308.00	429.00
tblTripsAndVMT	WorkerTripNumber	425.00	517.00
tblTripsAndVMT	WorkerTripNumber	240.00	409.00
tblTripsAndVMT	WorkerTripNumber	305.00	425.00
tblTripsAndVMT	WorkerTripNumber	368.00	381.00
tblTripsAndVMT	WorkerTripNumber	368.00	406.00
tblTripsAndVMT	WorkerTripNumber	370.00	405.00
tblTripsAndVMT	WorkerTripNumber	345.00	397.00

2.0 Emissions Summary

DCPP Decommissioning - San Luis Obispo County APCD Air District, 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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

DCPP Decommissioning - San Luis Obispo County APCD Air District, 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	Jan-33	Demolition	1/3/2033	1/28/2033	5	20	
2	Feb-33	Demolition	2/1/2033	2/28/2033	5	20	
3	Mar-33	Demolition	3/1/2033	3/28/2033	5	20	
4	Apr-33	Demolition	4/1/2033	4/28/2033	5	20	
5	May-33	Demolition	5/1/2033	5/27/2033	5	20	
6	Jun-33	Demolition	6/1/2033	6/28/2033	5	20	
7	Jul-33	Demolition	7/1/2033	7/28/2033	5	20	
8	Aug-33	Demolition	8/1/2033	8/26/2033	5	20	
9	Sep-33	Demolition	9/1/2033	9/28/2033	5	20	
10	Oct-33	Demolition	10/1/2033	10/28/2033	5	20	
11	Nov-33	Demolition	11/1/2033	11/28/2033	5	20	
12	Dec-33	Demolition	12/6/2033	1/2/2034	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Jan-33	Air Compressors	3	9.00	78	0.48
Jan-33	Air Compressors	1	0.50	78	0.48
Jan-33	Air Compressors	1	0.10	78	0.48
Jan-33	Cranes	1	0.90	231	0.29
Jan-33	Cranes	4	9.00	231	0.29
Jan-33	Cranes	1	0.90	231	0.29
Jan-33	Crawler Tractors	1	0.10	159	0.43
Jan-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Jan-33	Excavators	2	9.00	158	0.38
Jan-33	Excavators	4	9.00	158	0.38
Jan-33	Forklifts	1	3.60	89	0.20
Jan-33	Forklifts	1	3.60	89	0.20
Jan-33	Forklifts	4	9.00	89	0.20
Jan-33	Forklifts	2	9.00	89	0.20
Jan-33	Graders	1	1.80	199	0.41
Jan-33	Off-Highway Trucks	2	9.00	402	0.38
Jan-33	Off-Highway Trucks	8	9.00	402	0.38
Jan-33	Off-Highway Trucks	1	7.10	402	0.38
Jan-33	Off-Highway Trucks	1	7.20	402	0.38
Jan-33	Off-Highway Trucks	1	5.80	402	0.38
Jan-33	Off-Highway Trucks	1	0.10	402	0.38
Jan-33	Off-Highway Trucks	2	9.00	402	0.38
Jan-33	Off-Highway Trucks	1	9.00	142	0.38
Jan-33	Off-Highway Trucks	1	9.00	199	0.38
Jan-33	Off-Highway Trucks	1	3.10	142	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Jan-33	Other Construction Equipment	4	9.00	6	0.42
Jan-33	Pumps	2	9.00	84	0.74
Jan-33	Pumps	1	5.80	84	0.74
Jan-33	Rollers	1	1.80	80	0.38
Jan-33	Rough Terrain Forklifts	1	9.00	100	0.40
Jan-33	Rough Terrain Forklifts	1	0.10	100	0.40
Jan-33	Rough Terrain Forklifts	1	9.00	100	0.40
Jan-33	Skid Steer Loaders	4	9.00	65	0.37
Jan-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Jan-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Jan-33	Tractors/Loaders/Backhoes	4	9.00	349	0.37
Jan-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Jan-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Jan-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Jan-33	Welders	11	9.00	46	0.45
Jan-33	Welders	1	1.40	46	0.45
Jan-33	Welders	1	3.60	46	0.45
Feb-33	Air Compressors	1	0.10	78	0.48
Feb-33	Air Compressors	8	9.00	78	0.48
Feb-33	Air Compressors	1	5.80	78	0.48
Feb-33	Cranes	1	0.90	231	0.29
Feb-33	Cranes	4	9.00	231	0.29
Feb-33	Cranes	1	0.90	231	0.29
Feb-33	Crawler Tractors	1	0.10	212	0.43
Feb-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Feb-33	Excavators	1	2.90	158	0.38
Feb-33	Excavators	2	9.00	158	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Feb-33	Excavators	4	9.00	158	0.38
Feb-33	Forklifts	1	3.60	89	0.20
Feb-33	Forklifts	4	9.00	89	0.20
Feb-33	Forklifts	2	9.00	89	0.20
Feb-33	Forklifts	1	3.60	89	0.20
Feb-33	Forklifts	1	2.10	89	0.20
Feb-33	Graders	1	1.80	199	0.41
Feb-33	Off-Highway Trucks	2	9.00	402	0.38
Feb-33	Off-Highway Trucks	8	9.00	402	0.38
Feb-33	Off-Highway Trucks	1	7.10	402	0.38
Feb-33	Off-Highway Trucks	1	9.00	402	0.38
Feb-33	Off-Highway Trucks	1	7.20	402	0.38
Feb-33	Off-Highway Trucks	1	5.80	402	0.38
Feb-33	Off-Highway Trucks	1	2.20	402	0.38
Feb-33	Off-Highway Trucks	2	9.00	402	0.38
Feb-33	Off-Highway Trucks	1	9.00	142	0.38
Feb-33	Off-Highway Trucks	1	9.00	199	0.38
Feb-33	Off-Highway Trucks	1	4.90	402	0.38
Feb-33	Off-Highway Trucks	1	3.10	142	0.38
Feb-33	Other Construction Equipment	4	9.00	6	0.42
Feb-33	Pavers	1	3.10	130	0.42
Feb-33	Paving Equipment	1	3.10	132	0.36
Feb-33	Pumps	2	9.00	84	0.74
Feb-33	Pumps	1	5.80	84	0.74
Feb-33	Rollers	1	1.80	80	0.38
Feb-33	Rough Terrain Forklifts	1	9.00	100	0.40
Feb-33	Rough Terrain Forklifts	1	0.10	100	0.40

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Feb-33	Rough Terrain Forklifts	1	9.00	100	0.40
Feb-33	Skid Steer Loaders	4	9.00	65	0.37
Feb-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Feb-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Feb-33	Tractors/Loaders/Backhoes	4	9.00	349	0.37
Feb-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Feb-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Feb-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Feb-33	Welders	30	9.00	46	0.45
Feb-33	Welders	1	6.80	46	0.45
Feb-33	Welders	1	3.60	46	0.45
Mar-33	Air Compressors	20	9.00	78	0.48
Mar-33	Air Compressors	1	1.80	78	0.48
Mar-33	Cranes	1	0.90	231	0.29
Mar-33	Cranes	4	9.00	231	0.29
Mar-33	Cranes	1	0.90	231	0.29
Mar-33	Crawler Tractors	1	0.10	159	0.43
Mar-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Mar-33	Excavators	1	2.90	158	0.38
Mar-33	Excavators	2	9.00	158	0.38
Mar-33	Excavators	4	9.00	158	0.38
Mar-33	Forklifts	1	3.60	89	0.20
Mar-33	Forklifts	4	9.00	89	0.20
Mar-33	Forklifts	2	9.00	89	0.20
Mar-33	Forklifts	1	3.60	89	0.20
Mar-33	Graders	1	1.80	199	0.41
Mar-33	Off-Highway Trucks	2	9.00	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Mar-33	Off-Highway Trucks	8	9.00	402	0.38
Mar-33	Off-Highway Trucks	1	7.10	402	0.38
Mar-33	Off-Highway Trucks	1	9.00	402	0.38
Mar-33	Off-Highway Trucks	1	7.20	402	0.38
Mar-33	Off-Highway Trucks	1	5.80	402	0.38
Mar-33	Off-Highway Trucks	2	9.00	402	0.38
Mar-33	Off-Highway Trucks	1	9.00	142	0.38
Mar-33	Off-Highway Trucks	1	9.00	199	0.38
Mar-33	Off-Highway Trucks	1	4.90	402	0.38
Mar-33	Off-Highway Trucks	1	3.10	142	0.38
Mar-33	Other Construction Equipment	4	9.00	6	0.42
Mar-33	Pavers	1	3.10	130	0.42
Mar-33	Paving Equipment	1	3.10	132	0.36
Mar-33	Rollers	1	1.80	80	0.38
Mar-33	Rough Terrain Forklifts	1	9.00	100	0.40
Mar-33	Rough Terrain Forklifts	1	0.10	100	0.40
Mar-33	Rough Terrain Forklifts	1	9.00	100	0.40
Mar-33	Skid Steer Loaders	4	9.00	65	0.37
Mar-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Mar-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Mar-33	Tractors/Loaders/Backhoes	4	9.00	349	0.37
Mar-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Mar-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Mar-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Mar-33	Welders	71	9.00	46	0.45
Mar-33	Welders	1	2.00	46	0.45
Mar-33	Welders	1	3.60	46	0.45

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Apr-33	Air Compressors	5	9.00	78	0.48
Apr-33	Air Compressors	1	1.40	78	0.48
Apr-33	Cranes	1	0.90	231	0.29
Apr-33	Cranes	3	9.00	231	0.29
Apr-33	Cranes	1	4.50	231	0.29
Apr-33	Cranes	1	0.90	231	0.29
Apr-33	Crawler Tractors	1	0.10	159	0.43
Apr-33	Crushing/Proc. Equipment	1	7.90	85	0.78
Apr-33	Excavators	2	9.00	158	0.38
Apr-33	Excavators	3	9.00	158	0.38
Apr-33	Excavators	1	4.50	158	0.38
Apr-33	Forklifts	1	3.60	89	0.20
Apr-33	Forklifts	4	9.00	89	0.20
Apr-33	Forklifts	2	9.00	89	0.20
Apr-33	Forklifts	1	3.60	89	0.20
Apr-33	Graders	1	1.80	199	0.41
Apr-33	Off-Highway Trucks	2	9.00	402	0.38
Apr-33	Off-Highway Trucks	7	9.00	402	0.38
Apr-33	Off-Highway Trucks	1	7.10	402	0.38
Apr-33	Off-Highway Trucks	1	7.20	402	0.38
Apr-33	Off-Highway Trucks	1	5.80	402	0.38
Apr-33	Off-Highway Trucks	1	9.00	402	0.38
Apr-33	Off-Highway Trucks	1	9.00	142	0.38
Apr-33	Off-Highway Trucks	1	7.90	199	0.38
Apr-33	Off-Highway Trucks	1	6.80	402	0.38
Apr-33	Off-Highway Trucks	1	3.10	142	0.38
Apr-33	Other Construction Equipment	3	9.00	6	0.42

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Apr-33	Other Construction Equipment	1	4.50	6	0.42
Apr-33	Rollers	1	1.80	80	0.38
Apr-33	Rough Terrain Forklifts	1	9.00	100	0.40
Apr-33	Rough Terrain Forklifts	1	0.10	100	0.40
Apr-33	Rough Terrain Forklifts	1	9.00	100	0.40
Apr-33	Skid Steer Loaders	3	9.00	65	0.37
Apr-33	Skid Steer Loaders	1	4.50	65	0.37
Apr-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Apr-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Apr-33	Tractors/Loaders/Backhoes	3	9.00	349	0.37
Apr-33	Tractors/Loaders/Backhoes	1	4.50	349	0.37
Apr-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Apr-33	Tractors/Loaders/Backhoes	3	9.00	97	0.37
Apr-33	Tractors/Loaders/Backhoes	1	4.50	97	0.37
Apr-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Apr-33	Welders	18	9.00	46	0.45
Apr-33	Welders	1	4.70	46	0.45
Apr-33	Welders	1	3.60	46	0.45
May-33	Air Compressors	11	9.00	78	0.48
May-33	Air Compressors	1	8.80	78	0.48
May-33	Cranes	1	0.90	231	0.29
May-33	Cranes	2	9.00	231	0.29
May-33	Cranes	1	0.90	231	0.29
May-33	Crawler Tractors	1	0.10	159	0.43
May-33	Crushing/Proc. Equipment	1	4.50	85	0.78
May-33	Excavators	2	9.00	158	0.38
May-33	Excavators	2	9.00	158	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

May-33	Forklifts	1	3.60	89	0.20
May-33	Forklifts	4	9.00	89	0.20
May-33	Forklifts	2	9.00	89	0.20
May-33	Forklifts	1	3.60	89	0.20
May-33	Graders	1	1.80	199	0.41
May-33	Off-Highway Trucks	2	9.00	402	0.38
May-33	Off-Highway Trucks	4	9.00	402	0.38
May-33	Off-Highway Trucks	1	7.10	402	0.38
May-33	Off-Highway Trucks	1	7.20	402	0.38
May-33	Off-Highway Trucks	1	5.80	402	0.38
May-33	Off-Highway Trucks	1	9.00	402	0.38
May-33	Off-Highway Trucks	1	9.00	142	0.38
May-33	Off-Highway Trucks	1	4.50	199	0.38
May-33	Off-Highway Trucks	1	3.10	142	0.38
May-33	Other Construction Equipment	2	9.00	6	0.42
May-33	Rollers	1	1.80	80	0.38
May-33	Rough Terrain Forklifts	1	9.00	100	0.40
May-33	Rough Terrain Forklifts	1	0.10	100	0.40
May-33	Rough Terrain Forklifts	1	9.00	100	0.40
May-33	Skid Steer Loaders	2	9.00	65	0.37
May-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
May-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
May-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
May-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
May-33	Tractors/Loaders/Backhoes	2	9.00	97	0.37
May-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
May-33	Welders	54	9.00	46	0.45

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

May-33	Welders	1	8.50	46	0.45
May-33	Welders	1	3.60	46	0.45
Jun-33	Air Compressors	16	9.00	78	0.48
Jun-33	Air Compressors	1	2.20	78	0.48
Jun-33	Cranes	1	0.90	231	0.29
Jun-33	Cranes	2	9.00	231	0.29
Jun-33	Cranes	1	0.90	231	0.29
Jun-33	Crawler Tractors	1	0.10	159	0.43
Jun-33	Crushing/Proc. Equipment	1	4.50	85	0.78
Jun-33	Excavators	2	9.00	158	0.38
Jun-33	Excavators	2	9.00	158	0.38
Jun-33	Forklifts	1	3.60	89	0.20
Jun-33	Forklifts	4	9.00	89	0.20
Jun-33	Forklifts	2	9.00	89	0.20
Jun-33	Forklifts	1	3.60	89	0.20
Jun-33	Graders	1	1.80	199	0.41
Jun-33	Off-Highway Trucks	2	9.00	402	0.38
Jun-33	Off-Highway Trucks	4	9.00	402	0.38
Jun-33	Off-Highway Trucks	1	7.10	402	0.38
Jun-33	Off-Highway Trucks	1	7.20	402	0.38
Jun-33	Off-Highway Trucks	1	5.80	402	0.38
Jun-33	Off-Highway Trucks	1	9.00	142	0.38
Jun-33	Off-Highway Trucks	1	4.50	199	0.38
Jun-33	Off-Highway Trucks	1	9.00	402	0.38
Jun-33	Off-Highway Trucks	1	3.10	142	0.38
Jun-33	Other Construction Equipment	2	9.00	6	0.42
Jun-33	Rollers	1	1.80	80	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Jun-33	Rough Terrain Forklifts	1	9.00	100	0.40
Jun-33	Rough Terrain Forklifts	1	0.10	100	0.40
Jun-33	Rough Terrain Forklifts	1	9.00	100	0.40
Jun-33	Skid Steer Loaders	2	9.00	65	0.37
Jun-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Jun-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Jun-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Jun-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Jun-33	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Jun-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Jun-33	Welders	74	9.00	46	0.45
Jun-33	Welders	1	1.60	46	0.45
Jun-33	Welders	1	3.60	46	0.45
Jul-33	Air Compressors	11	9.00	78	0.48
Jul-33	Air Compressors	1	5.40	78	0.48
Jul-33	Air Compressors	2	9.00	78	0.48
Jul-33	Cranes	7	9.00	231	0.29
Jul-33	Crawler Tractors	1	0.10	159	0.43
Jul-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Jul-33	Crushing/Proc. Equipment	1	6.80	85	0.78
Jul-33	Excavators	2	9.00	158	0.38
Jul-33	Excavators	7	9.00	158	0.38
Jul-33	Forklifts	4	9.00	89	0.20
Jul-33	Forklifts	2	9.00	89	0.20
Jul-33	Graders	1	1.80	199	0.41
Jul-33	Off-Highway Trucks	2	9.00	402	0.38
Jul-33	Off-Highway Trucks	8	9.00	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Jul-33	Off-Highway Trucks	1	7.10	402	0.38
Jul-33	Off-Highway Trucks	1	5.80	402	0.38
Jul-33	Off-Highway Trucks	3	9.00	402	0.38
Jul-33	Off-Highway Trucks	1	4.50	402	0.38
Jul-33	Off-Highway Trucks	1	9.00	142	0.38
Jul-33	Off-Highway Trucks	1	9.00	199	0.38
Jul-33	Off-Highway Trucks	1	3.10	142	0.38
Jul-33	Off-Highway Trucks	1	6.80	199	0.38
Jul-33	Other Construction Equipment	7	9.00	6	0.42
Jul-33	Rollers	1	1.80	80	0.38
Jul-33	Rough Terrain Forklifts	1	9.00	100	0.40
Jul-33	Rough Terrain Forklifts	1	0.10	100	0.40
Jul-33	Rough Terrain Forklifts	1	9.00	100	0.40
Jul-33	Skid Steer Loaders	7	9.00	65	0.37
Jul-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Jul-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Jul-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Jul-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Jul-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Jul-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Jul-33	Welders	52	9.00	46	0.45
Jul-33	Welders	1	5.00	46	0.45
Aug-33	Air Compressors	10	9.00	78	0.48
Aug-33	Air Compressors	1	0.60	78	0.48
Aug-33	Cranes	7	9.00	231	0.29
Aug-33	Crawler Tractors	1	0.10	159	0.43
Aug-33	Crushing/Proc. Equipment	1	9.00	85	0.78

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Aug-33	Crushing/Proc. Equipment	1	6.80	85	0.78
Aug-33	Excavators	2	9.00	158	0.38
Aug-33	Excavators	7	9.00	158	0.38
Aug-33	Forklifts	1	7.20	89	0.20
Aug-33	Forklifts	4	9.00	89	0.20
Aug-33	Forklifts	2	9.00	89	0.20
Aug-33	Forklifts	1	3.60	89	0.20
Aug-33	Graders	1	1.80	199	0.41
Aug-33	Off-Highway Trucks	2	9.00	402	0.38
Aug-33	Off-Highway Trucks	8	9.00	402	0.38
Aug-33	Off-Highway Trucks	1	7.10	402	0.38
Aug-33	Off-Highway Trucks	1	3.60	402	0.38
Aug-33	Off-Highway Trucks	1	5.80	402	0.38
Aug-33	Off-Highway Trucks	3	9.00	402	0.38
Aug-33	Off-Highway Trucks	1	4.50	402	0.38
Aug-33	Off-Highway Trucks	1	9.00	142	0.38
Aug-33	Off-Highway Trucks	1	9.00	199	0.38
Aug-33	Off-Highway Trucks	1	3.10	142	0.38
Aug-33	Off-Highway Trucks	1	6.80	199	0.38
Aug-33	Other Construction Equipment	7	9.00	6	0.42
Aug-33	Paving Equipment	1	0.20	132	0.36
Aug-33	Rollers	1	1.80	80	0.38
Aug-33	Rough Terrain Forklifts	1	9.00	100	0.40
Aug-33	Rough Terrain Forklifts	1	0.10	100	0.40
Aug-33	Rough Terrain Forklifts	1	9.00	100	0.40
Aug-33	Skid Steer Loaders	7	9.00	65	0.37
Aug-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Aug-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Aug-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Aug-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Aug-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Aug-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Aug-33	Welders	52	9.00	46	0.45
Aug-33	Welders	1	1.90	46	0.45
Sep-33	Air Compressors	7	9.00	78	0.48
Sep-33	Air Compressors	1	6.30	78	0.48
Sep-33	Air Compressors	4	9.00	78	0.48
Sep-33	Cranes	7	9.00	231	0.29
Sep-33	Crawler Tractors	1	0.10	159	0.43
Sep-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Sep-33	Crushing/Proc. Equipment	1	6.80	85	0.78
Sep-33	Excavators	2	9.00	158	0.38
Sep-33	Excavators	7	9.00	158	0.38
Sep-33	Forklifts	1	7.20	89	0.20
Sep-33	Forklifts	4	9.00	89	0.20
Sep-33	Forklifts	2	9.00	89	0.20
Sep-33	Forklifts	1	3.60	89	0.20
Sep-33	Generator Sets	1	4.50	84	0.74
Sep-33	Graders	1	1.80	199	0.41
Sep-33	Off-Highway Trucks	2	9.00	402	0.38
Sep-33	Off-Highway Trucks	8	9.00	402	0.38
Sep-33	Off-Highway Trucks	1	7.10	402	0.38
Sep-33	Off-Highway Trucks	1	3.60	402	0.38
Sep-33	Off-Highway Trucks	1	5.80	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Sep-33	Off-Highway Trucks	1	4.50	402	0.38
Sep-33	Off-Highway Trucks	3	9.00	402	0.38
Sep-33	Off-Highway Trucks	1	4.50	402	0.38
Sep-33	Off-Highway Trucks	1	9.00	142	0.38
Sep-33	Off-Highway Trucks	1	9.00	199	0.38
Sep-33	Off-Highway Trucks	1	3.10	142	0.38
Sep-33	Off-Highway Trucks	1	6.80	199	0.38
Sep-33	Other Construction Equipment	7	9.00	6	0.42
Sep-33	Paving Equipment	1	0.20	132	0.36
Sep-33	Rollers	1	1.80	80	0.38
Sep-33	Rough Terrain Forklifts	1	9.00	100	0.40
Sep-33	Rough Terrain Forklifts	1	0.10	100	0.40
Sep-33	Rough Terrain Forklifts	1	9.00	100	0.40
Sep-33	Skid Steer Loaders	7	9.00	65	0.37
Sep-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Sep-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Sep-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Sep-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Sep-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Sep-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Sep-33	Welders	39	9.00	46	0.45
Sep-33	Welders	1	8.30	46	0.45
Oct-33	Air Compressors	6	9.00	78	0.48
Oct-33	Air Compressors	1	8.20	78	0.48
Oct-33	Air Compressors	4	9.00	78	0.48
Oct-33	Cranes	7	9.00	231	0.29
Oct-33	Crawler Tractors	1	0.10	159	0.43

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Oct-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Oct-33	Crushing/Proc. Equipment	1	6.80	85	0.78
Oct-33	Excavators	2	9.00	158	0.38
Oct-33	Excavators	7	9.00	158	0.38
Oct-33	Forklifts	1	7.20	89	0.20
Oct-33	Forklifts	4	9.00	89	0.20
Oct-33	Forklifts	2	9.00	89	0.20
Oct-33	Forklifts	1	3.60	89	0.20
Oct-33	Generator Sets	1	4.50	84	0.74
Oct-33	Generator Sets	1	0.20	84	0.74
Oct-33	Graders	1	1.80	199	0.41
Oct-33	Off-Highway Trucks	2	9.00	402	0.38
Oct-33	Off-Highway Trucks	8	9.00	402	0.38
Oct-33	Off-Highway Trucks	1	7.10	402	0.38
Oct-33	Off-Highway Trucks	1	3.60	402	0.38
Oct-33	Off-Highway Trucks	1	5.80	402	0.38
Oct-33	Off-Highway Trucks	1	4.50	402	0.38
Oct-33	Off-Highway Trucks	3	9.00	402	0.38
Oct-33	Off-Highway Trucks	1	4.50	402	0.38
Oct-33	Off-Highway Trucks	1	9.00	142	0.38
Oct-33	Off-Highway Trucks	1	9.00	199	0.38
Oct-33	Off-Highway Trucks	1	3.10	142	0.38
Oct-33	Off-Highway Trucks	1	6.80	199	0.38
Oct-33	Other Construction Equipment	7	9.00	6	0.42
Oct-33	Paving Equipment	1	0.20	132	0.36
Oct-33	Rollers	1	1.80	80	0.38
Oct-33	Rough Terrain Forklifts	1	9.00	100	0.40

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Oct-33	Rough Terrain Forklifts	1	0.20	100	0.40
Oct-33	Rough Terrain Forklifts	1	9.00	100	0.40
Oct-33	Skid Steer Loaders	7	9.00	65	0.37
Oct-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Oct-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Oct-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Oct-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Oct-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Oct-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Oct-33	Welders	35	9.00	46	0.45
Oct-33	Welders	1	7.40	46	0.45
Oct-33	Welders	1	0.70	46	0.45
Nov-33	Aerial Lifts	1	9.00	63	0.31
Nov-33	Air Compressors	8	9.00	78	0.48
Nov-33	Air Compressors	1	0.90	78	0.48
Nov-33	Air Compressors	3	9.00	78	0.48
Nov-33	Cranes	6	9.00	231	0.29
Nov-33	Cranes	1	9.00	231	0.29
Nov-33	Crawler Tractors	1	0.10	159	0.43
Nov-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Nov-33	Crushing/Proc. Equipment	1	4.50	85	0.78
Nov-33	Excavators	2	9.00	158	0.38
Nov-33	Excavators	2	9.00	158	0.38
Nov-33	Excavators	10	9.00	158	0.38
Nov-33	Excavators	1	0.30	158	0.38
Nov-33	Excavators	6	9.00	158	0.38
Nov-33	Forklifts	1	7.20	89	0.20

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Nov-33	Forklifts	4	9.00	89	0.20
Nov-33	Forklifts	2	9.00	89	0.20
Nov-33	Forklifts	1	3.60	89	0.20
Nov-33	Generator Sets	1	9.00	84	0.74
Nov-33	Generator Sets	1	4.50	84	0.74
Nov-33	Generator Sets	1	0.20	84	0.74
Nov-33	Graders	1	1.80	199	0.41
Nov-33	Off-Highway Trucks	2	9.00	402	0.38
Nov-33	Off-Highway Trucks	8	9.00	402	0.38
Nov-33	Off-Highway Trucks	1	0.30	402	0.38
Nov-33	Off-Highway Trucks	1	7.10	402	0.38
Nov-33	Off-Highway Trucks	1	3.60	402	0.38
Nov-33	Off-Highway Trucks	1	5.80	402	0.38
Nov-33	Off-Highway Trucks	1	4.50	402	0.38
Nov-33	Off-Highway Trucks	2	9.00	402	0.38
Nov-33	Off-Highway Trucks	3	9.00	402	0.38
Nov-33	Off-Highway Trucks	1	9.00	142	0.38
Nov-33	Off-Highway Trucks	1	15.00	199	0.38
Nov-33	Off-Highway Trucks	1	3.10	142	0.38
Nov-33	Off-Highway Trucks	1	4.50	199	0.38
Nov-33	Other Construction Equipment	1	9.00	6	0.42
Nov-33	Other Construction Equipment	6	9.00	6	0.42
Nov-33	Other Construction Equipment	5	9.00	15	0.42
Nov-33	Other Construction Equipment	1	9.00	6	0.42
Nov-33	Pavers	1	0.90	130	0.42
Nov-33	Paving Equipment	1	0.20	132	0.36
Nov-33	Paving Equipment	1	0.30	132	0.36

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Nov-33	Pumps	1	9.00	84	0.74
Nov-33	Rollers	1	1.80	80	0.38
Nov-33	Rough Terrain Forklifts	1	9.00	100	0.40
Nov-33	Rough Terrain Forklifts	1	0.70	100	0.40
Nov-33	Rough Terrain Forklifts	2	9.00	100	0.40
Nov-33	Rough Terrain Forklifts	1	9.00	100	0.40
Nov-33	Skid Steer Loaders	4	9.00	65	0.37
Nov-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Nov-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Nov-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Nov-33	Tractors/Loaders/Backhoes	2	9.00	999	0.37
Nov-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Nov-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Nov-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Nov-33	Welders	41	9.00	46	0.45
Nov-33	Welders	1	8.60	46	0.45
Nov-33	Welders	1	0.70	46	0.45
Dec-33	Aerial Lifts	1	9.00	63	0.31
Dec-33	Air Compressors	3	9.00	78	0.48
Dec-33	Cranes	4	9.00	231	0.29
Dec-33	Cranes	1	9.00	231	0.29
Dec-33	Cranes	1	9.00	231	0.29
Dec-33	Crawler Tractors	1	0.10	159	0.43
Dec-33	Crushing/Proc. Equipment	3	9.00	85	0.78
Dec-33	Crushing/Proc. Equipment	1	4.50	85	0.78
Dec-33	Excavators	2	9.00	158	0.38
Dec-33	Excavators	2	9.00	158	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Dec-33	Excavators	10	9.00	158	0.38
Dec-33	Excavators	2	9.00	158	0.38
Dec-33	Excavators	9	9.00	158	0.38
Dec-33	Forklifts	1	7.20	89	0.20
Dec-33	Forklifts	4	9.00	89	0.20
Dec-33	Forklifts	2	9.00	89	0.20
Dec-33	Forklifts	1	3.60	89	0.20
Dec-33	Generator Sets	1	9.00	84	0.74
Dec-33	Generator Sets	1	4.50	84	0.74
Dec-33	Graders	1	1.80	199	0.41
Dec-33	Off-Highway Trucks	2	9.00	402	0.38
Dec-33	Off-Highway Trucks	8	9.00	402	0.38
Dec-33	Off-Highway Trucks	1	7.10	402	0.38
Dec-33	Off-Highway Trucks	1	3.60	402	0.38
Dec-33	Off-Highway Trucks	2	5.80	402	0.38
Dec-33	Off-Highway Trucks	1	4.50	402	0.38
Dec-33	Off-Highway Trucks	2	9.00	402	0.38
Dec-33	Off-Highway Trucks	6	9.00	402	0.38
Dec-33	Off-Highway Trucks	1	9.00	142	0.38
Dec-33	Off-Highway Trucks	3	9.00	199	0.38
Dec-33	Off-Highway Trucks	1	4.50	199	0.38
Dec-33	Off-Highway Trucks	1	3.10	142	0.38
Dec-33	Other Construction Equipment	1	9.00	6	0.42
Dec-33	Other Construction Equipment	12	9.00	6	0.42
Dec-33	Other Construction Equipment	5	9.00	15	0.42
Dec-33	Other Construction Equipment	1	9.00	6	0.42
Dec-33	Paving Equipment	1	0.20	132	0.36

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Dec-33	Pumps	1	9.00	84	0.74
Dec-33	Rollers	1	1.80	80	0.38
Dec-33	Rough Terrain Forklifts	1	9.00	100	0.40
Dec-33	Rough Terrain Forklifts	1	0.10	100	0.40
Dec-33	Rough Terrain Forklifts	2	9.00	100	0.40
Dec-33	Rough Terrain Forklifts	1	9.00	100	0.40
Dec-33	Skid Steer Loaders	4	9.00	65	0.37
Dec-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Dec-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Dec-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Dec-33	Tractors/Loaders/Backhoes	2	9.00	999	0.37
Dec-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Dec-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Dec-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37

Trips and VMT

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Jan-33	93	431.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Feb-33	123	429.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Mar-33	170	517.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Apr-33	96	409.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
May-33	122	425.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Jun-33	147	381.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Jul-33	147	406.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Aug-33	148	405.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Sep-33	138	397.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Oct-33	135	436.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Nov-33	168	442.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Dec-33	129	426.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.2 Jan-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	23.4357	82.1991	191.5376	0.5840		2.1847	2.1847		2.1847	2.1847		58,914.4175	58,914.4175	2.0672		58,966.0983
Total	23.4357	82.1991	191.5376	0.5840	4.3228	2.1847	6.5075	0.6546	2.1847	2.8393		58,914.4175	58,914.4175	2.0672		58,966.0983

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	1.4377	0.7911	8.5801	0.0420	7.2079	0.0227	7.2306	1.9113	0.0209	1.9322		4,197.0847	4,197.0847	0.0527		4,198.4026
Total	1.4377	0.7911	8.5801	0.0420	7.2079	0.0227	7.2306	1.9113	0.0209	1.9322		4,197.0847	4,197.0847	0.0527		4,198.4026

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.2 Jan-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	6.6334	53.0704	274.2356	0.5840		1.3973	1.3973		1.3973	1.3973	0.0000	58,914.4174	58,914.4174	2.0672		58,966.0983
Total	6.6334	53.0704	274.2356	0.5840	4.3228	1.3973	5.7201	0.6546	1.3973	2.0519	0.0000	58,914.4174	58,914.4174	2.0672		58,966.0983

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	1.4377	0.7911	8.5801	0.0420	7.2079	0.0227	7.2306	1.9113	0.0209	1.9322		4,197.0847	4,197.0847	0.0527		4,198.4026
Total	1.4377	0.7911	8.5801	0.0420	7.2079	0.0227	7.2306	1.9113	0.0209	1.9322		4,197.0847	4,197.0847	0.0527		4,198.4026

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.3 Feb-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	29.6222	119.5008	251.7649	0.6992		2.8695	2.8695		2.8695	2.8695		69,575.48 89	69,575.48 89	2.6151		69,640.86 53
Total	29.6222	119.5008	251.7649	0.6992	4.3228	2.8695	7.1923	0.6546	2.8695	3.5241		69,575.48 89	69,575.48 89	2.6151		69,640.86 53

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	1.4311	0.7875	8.5403	0.0418	7.1744	0.0226	7.1970	1.9024	0.0208	1.9232		4,177.608 7	4,177.608 7	0.0525		4,178.920 4
Total	1.4311	0.7875	8.5403	0.0418	7.1744	0.0226	7.1970	1.9024	0.0208	1.9232		4,177.608 7	4,177.608 7	0.0525		4,178.920 4

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.3 Feb-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	8.2420	92.4830	338.7534	0.6992		2.5134	2.5134		2.5134	2.5134	0.0000	69,575.4888	69,575.4888	2.6151		69,640.8652
Total	8.2420	92.4830	338.7534	0.6992	4.3228	2.5134	6.8362	0.6546	2.5134	3.1680	0.0000	69,575.4888	69,575.4888	2.6151		69,640.8652

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	1.4311	0.7875	8.5403	0.0418	7.1744	0.0226	7.1970	1.9024	0.0208	1.9232		4,177.6087	4,177.6087	0.0525		4,178.9204
Total	1.4311	0.7875	8.5403	0.0418	7.1744	0.0226	7.1970	1.9024	0.0208	1.9232		4,177.6087	4,177.6087	0.0525		4,178.9204

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.4 Mar-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	38.5352	182.8364	343.7244	0.8432		3.8375	3.8375		3.8375	3.8375		81,570.37 90	81,570.37 90	3.4055		81,655.51 57
Total	38.5352	182.8364	343.7244	0.8432	4.3228	3.8375	8.1603	0.6546	3.8375	4.4921		81,570.37 90	81,570.37 90	3.4055		81,655.51 57

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	1.7246	0.9490	10.2921	0.0504	8.6461	0.0272	8.6733	2.2927	0.0251	2.3177		5,034.554 1	5,034.554 1	0.0632		5,036.134 9
Total	1.7246	0.9490	10.2921	0.0504	8.6461	0.0272	8.6733	2.2927	0.0251	2.3177		5,034.554 1	5,034.554 1	0.0632		5,036.134 9

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.4 Mar-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	10.5056	169.2728	424.6378	0.8432		4.6767	4.6767		4.6767	4.6767	0.0000	81,570.3789	81,570.3789	3.4055		81,655.5157
Total	10.5056	169.2728	424.6378	0.8432	4.3228	4.6767	8.9995	0.6546	4.6767	5.3313	0.0000	81,570.3789	81,570.3789	3.4055		81,655.5157

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	1.7246	0.9490	10.2921	0.0504	8.6461	0.0272	8.6733	2.2927	0.0251	2.3177		5,034.5541	5,034.5541	0.0632		5,036.1349
Total	1.7246	0.9490	10.2921	0.0504	8.6461	0.0272	8.6733	2.2927	0.0251	2.3177		5,034.5541	5,034.5541	0.0632		5,036.1349

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.5 Apr-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	22.9955	84.8983	188.0761	0.5548		2.1268	2.1268		2.1268	2.1268		55,507.55 28	55,507.55 28	2.0292		55,558.28 27
Total	22.9955	84.8983	188.0761	0.5548	4.3228	2.1268	6.4496	0.6546	2.1268	2.7814		55,507.55 28	55,507.55 28	2.0292		55,558.28 27

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	1.3644	0.7508	8.1421	0.0399	6.8399	0.0216	6.8615	1.8137	0.0198	1.8335		3,982.848 4	3,982.848 4	0.0500		3,984.099 0
Total	1.3644	0.7508	8.1421	0.0399	6.8399	0.0216	6.8615	1.8137	0.0198	1.8335		3,982.848 4	3,982.848 4	0.0500		3,984.099 0

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.5 Apr-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	6.4424	63.9066	262.2594	0.5548		1.7126	1.7126		1.7126	1.7126	0.0000	55,507.55 28	55,507.55 28	2.0292		55,558.28 26
Total	6.4424	63.9066	262.2594	0.5548	4.3228	1.7126	6.0354	0.6546	1.7126	2.3672	0.0000	55,507.55 28	55,507.55 28	2.0292		55,558.28 26

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	1.3644	0.7508	8.1421	0.0399	6.8399	0.0216	6.8615	1.8137	0.0198	1.8335		3,982.848 4	3,982.848 4	0.0500		3,984.099 0
Total	1.3644	0.7508	8.1421	0.0399	6.8399	0.0216	6.8615	1.8137	0.0198	1.8335		3,982.848 4	3,982.848 4	0.0500		3,984.099 0

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.6 May-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	26.3133	129.2072	237.9050	0.5696		2.5866	2.5866		2.5866	2.5866		54,426.4254	54,426.4254	2.3262		54,484.5799
Total	26.3133	129.2072	237.9050	0.5696	4.3228	2.5866	6.9095	0.6546	2.5866	3.2413		54,426.4254	54,426.4254	2.3262		54,484.5799

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	1.4177	0.7801	8.4607	0.0414	7.1075	0.0224	7.1299	1.8847	0.0206	1.9053		4,138.6566	4,138.6566	0.0520		4,139.9561
Total	1.4177	0.7801	8.4607	0.0414	7.1075	0.0224	7.1299	1.8847	0.0206	1.9053		4,138.6566	4,138.6566	0.0520		4,139.9561

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.6 May-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	7.1874	125.8320	288.1622	0.5696		3.4931	3.4931		3.4931	3.4931	0.0000	54,426.4253	54,426.4253	2.3262		54,484.5798
Total	7.1874	125.8320	288.1622	0.5696	4.3228	3.4931	7.8159	0.6546	3.4931	4.1477	0.0000	54,426.4253	54,426.4253	2.3262		54,484.5798

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	1.4177	0.7801	8.4607	0.0414	7.1075	0.0224	7.1299	1.8847	0.0206	1.9053		4,138.6566	4,138.6566	0.0520		4,139.9561
Total	1.4177	0.7801	8.4607	0.0414	7.1075	0.0224	7.1299	1.8847	0.0206	1.9053		4,138.6566	4,138.6566	0.0520		4,139.9561

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.7 Jun-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	30.6970	160.5426	284.0658	0.6439		3.0721	3.0721		3.0721	3.0721		60,716.99 22	60,716.99 22	2.7151		60,784.86 88
Total	30.6970	160.5426	284.0658	0.6439	4.3228	3.0721	7.3949	0.6546	3.0721	3.7267		60,716.99 22	60,716.99 22	2.7151		60,784.86 88

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	1.2710	0.6994	7.5847	0.0372	6.3717	0.0201	6.3917	1.6896	0.0185	1.7080		3,710.183 9	3,710.183 9	0.0466		3,711.348 9
Total	1.2710	0.6994	7.5847	0.0372	6.3717	0.0201	6.3917	1.6896	0.0185	1.7080		3,710.183 9	3,710.183 9	0.0466		3,711.348 9

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.7 Jun-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	8.3255	162.5990	332.2778	0.6439		4.5296	4.5296		4.5296	4.5296	0.0000	60,716.99 22	60,716.99 22	2.7151		60,784.86 87
Total	8.3255	162.5990	332.2778	0.6439	4.3228	4.5296	8.8524	0.6546	4.5296	5.1842	0.0000	60,716.99 22	60,716.99 22	2.7151		60,784.86 87

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	1.2710	0.6994	7.5847	0.0372	6.3717	0.0201	6.3917	1.6896	0.0185	1.7080		3,710.183 9	3,710.183 9	0.0466		3,711.348 9
Total	1.2710	0.6994	7.5847	0.0372	6.3717	0.0201	6.3917	1.6896	0.0185	1.7080		3,710.183 9	3,710.183 9	0.0466		3,711.348 9

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.8 Jul-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	34.3881	153.5143	305.4468	0.7736		3.3807	3.3807		3.3807	3.3807		75,445.59 50	75,445.59 50	3.0398		75,521.58 86
Total	34.3881	153.5143	305.4468	0.7736	4.3228	3.3807	7.7035	0.6546	3.3807	4.0353		75,445.59 50	75,445.59 50	3.0398		75,521.58 86

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	1.3543	0.7452	8.0824	0.0396	6.7898	0.0214	6.8112	1.8004	0.0197	1.8201		3,953.634 3	3,953.634 3	0.0497		3,954.875 7
Total	1.3543	0.7452	8.0824	0.0396	6.7898	0.0214	6.8112	1.8004	0.0197	1.8201		3,953.634 3	3,953.634 3	0.0497		3,954.875 7

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.8 Jul-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	9.4660	136.3866	385.3166	0.7736		3.6495	3.6495		3.6495	3.6495	0.0000	75,445.59 49	75,445.59 49	3.0398		75,521.58 86
Total	9.4660	136.3866	385.3166	0.7736	4.3228	3.6495	7.9724	0.6546	3.6495	4.3042	0.0000	75,445.59 49	75,445.59 49	3.0398		75,521.58 86

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	1.3543	0.7452	8.0824	0.0396	6.7898	0.0214	6.8112	1.8004	0.0197	1.8201		3,953.634 3	3,953.634 3	0.0497		3,954.875 7
Total	1.3543	0.7452	8.0824	0.0396	6.7898	0.0214	6.8112	1.8004	0.0197	1.8201		3,953.634 3	3,953.634 3	0.0497		3,954.875 7

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.9 Aug-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	34.0196	149.7558	298.3160	0.7656		3.2977	3.2977		3.2977	3.2977		74,815.29 12	74,815.29 12	3.0079		74,890.48 85
Total	34.0196	149.7558	298.3160	0.7656	4.3228	3.2977	7.6205	0.6546	3.2977	3.9523		74,815.29 12	74,815.29 12	3.0079		74,890.48 85

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	1.3510	0.7434	8.0625	0.0395	6.7730	0.0213	6.7944	1.7960	0.0196	1.8156		3,943.896 3	3,943.896 3	0.0495		3,945.134 7
Total	1.3510	0.7434	8.0625	0.0395	6.7730	0.0213	6.7944	1.7960	0.0196	1.8156		3,943.896 3	3,943.896 3	0.0495		3,945.134 7

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.9 Aug-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	9.3909	135.4913	379.3377	0.7656		3.6237	3.6237		3.6237	3.6237	0.0000	74,815.29 11	74,815.29 11	3.0079		74,890.48 84
Total	9.3909	135.4913	379.3377	0.7656	4.3228	3.6237	7.9465	0.6546	3.6237	4.2783	0.0000	74,815.29 11	74,815.29 11	3.0079		74,890.48 84

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	1.3510	0.7434	8.0625	0.0395	6.7730	0.0213	6.7944	1.7960	0.0196	1.8156		3,943.896 3	3,943.896 3	0.0495		3,945.134 7
Total	1.3510	0.7434	8.0625	0.0395	6.7730	0.0213	6.7944	1.7960	0.0196	1.8156		3,943.896 3	3,943.896 3	0.0495		3,945.134 7

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.10 Sep-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	32.5108	137.0424	284.2959	0.7488		3.1671	3.1671		3.1671	3.1671		73,848.17 43	73,848.17 43	2.8726		73,919.98 85
Total	32.5108	137.0424	284.2959	0.7488	4.3228	3.1671	7.4899	0.6546	3.1671	3.8217		73,848.17 43	73,848.17 43	2.8726		73,919.98 85

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	1.3243	0.7287	7.9033	0.0387	6.6393	0.0209	6.6602	1.7605	0.0192	1.7797		3,865.992 2	3,865.992 2	0.0486		3,867.206 1
Total	1.3243	0.7287	7.9033	0.0387	6.6393	0.0209	6.6602	1.7605	0.0192	1.7797		3,865.992 2	3,865.992 2	0.0486		3,867.206 1

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.10 Sep-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	8.9860	113.3959	368.7490	0.7488		3.0044	3.0044		3.0044	3.0044	0.0000	73,848.17 43	73,848.17 43	2.8726		73,919.98 85
Total	8.9860	113.3959	368.7490	0.7488	4.3228	3.0044	7.3272	0.6546	3.0044	3.6590	0.0000	73,848.17 43	73,848.17 43	2.8726		73,919.98 85

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	1.3243	0.7287	7.9033	0.0387	6.6393	0.0209	6.6602	1.7605	0.0192	1.7797		3,865.992 2	3,865.992 2	0.0486		3,867.206 1
Total	1.3243	0.7287	7.9033	0.0387	6.6393	0.0209	6.6602	1.7605	0.0192	1.7797		3,865.992 2	3,865.992 2	0.0486		3,867.206 1

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.11 Oct-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	31.6216	130.6819	275.0449	0.7339		3.0699	3.0699		3.0699	3.0699		72,596.8782	72,596.8782	2.7937		72,666.7199
Total	31.6216	130.6819	275.0449	0.7339	4.3228	3.0699	7.3928	0.6546	3.0699	3.7246		72,596.8782	72,596.8782	2.7937		72,666.7199

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	1.4544	0.8003	8.6796	0.0425	7.2915	0.0230	7.3144	1.9335	0.0211	1.9546		4,245.7748	4,245.7748	0.0533		4,247.1079
Total	1.4544	0.8003	8.6796	0.0425	7.2915	0.0230	7.3144	1.9335	0.0211	1.9546		4,245.7748	4,245.7748	0.0533		4,247.1079

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.11 Oct-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	8.7548	105.7363	359.9414	0.7339		2.7885	2.7885		2.7885	2.7885	0.0000	72,596.87 81	72,596.87 81	2.7937		72,666.71 98
Total	8.7548	105.7363	359.9414	0.7339	4.3228	2.7885	7.1114	0.6546	2.7885	3.4432	0.0000	72,596.87 81	72,596.87 81	2.7937		72,666.71 98

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	1.4544	0.8003	8.6796	0.0425	7.2915	0.0230	7.3144	1.9335	0.0211	1.9546		4,245.774 8	4,245.774 8	0.0533		4,247.107 9
Total	1.4544	0.8003	8.6796	0.0425	7.2915	0.0230	7.3144	1.9335	0.0211	1.9546		4,245.774 8	4,245.774 8	0.0533		4,247.107 9

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.12 Nov-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	37.8027	156.2467	348.7701	0.8807		3.8184	3.8184		3.8184	3.8184		86,577.2292	86,577.2292	3.3438		86,660.8240
Total	37.8027	156.2467	348.7701	0.8807	4.3228	3.8184	8.1412	0.6546	3.8184	4.4730		86,577.2292	86,577.2292	3.3438		86,660.8240

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	1.4744	0.8113	8.7991	0.0431	7.3918	0.0233	7.4151	1.9601	0.0214	1.9815		4,304.2029	4,304.2029	0.0541		4,305.5544
Total	1.4744	0.8113	8.7991	0.0431	7.3918	0.0233	7.4151	1.9601	0.0214	1.9815		4,304.2029	4,304.2029	0.0541		4,305.5544

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.12 Nov-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	10.2788	120.1745	441.5762	0.8807		3.2822	3.2822		3.2822	3.2822	0.0000	86,577.22 92	86,577.22 92	3.3438		86,660.82 39
Total	10.2788	120.1745	441.5762	0.8807	4.3228	3.2822	7.6051	0.6546	3.2822	3.9369	0.0000	86,577.22 92	86,577.22 92	3.3438		86,660.82 39

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	1.4744	0.8113	8.7991	0.0431	7.3918	0.0233	7.4151	1.9601	0.0214	1.9815		4,304.202 9	4,304.202 9	0.0541		4,305.554 4
Total	1.4744	0.8113	8.7991	0.0431	7.3918	0.0233	7.4151	1.9601	0.0214	1.9815		4,304.202 9	4,304.202 9	0.0541		4,305.554 4

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.13 Dec-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	33.0761	102.8308	293.9263	0.8349		3.2544	3.2544		3.2544	3.2544		84,851.36 23	84,851.36 23	2.9220		84,924.41 19
Total	33.0761	102.8308	293.9263	0.8349	4.3228	3.2544	7.5772	0.6546	3.2544	3.9090		84,851.36 23	84,851.36 23	2.9220		84,924.41 19

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	1.4211	0.7820	8.4806	0.0415	7.1242	0.0224	7.1467	1.8891	0.0206	1.9098		4,148.394 7	4,148.394 7	0.0521		4,149.697 2
Total	1.4211	0.7820	8.4806	0.0415	7.1242	0.0224	7.1467	1.8891	0.0206	1.9098		4,148.394 7	4,148.394 7	0.0521		4,149.697 2

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.13 Dec-33 - 2033

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	9.0427	45.2444	404.8990	0.8349		1.1839	1.1839		1.1839	1.1839	0.0000	84,851.36 23	84,851.36 23	2.9220		84,924.41 18
Total	9.0427	45.2444	404.8990	0.8349	4.3228	1.1839	5.5067	0.6546	1.1839	1.8385	0.0000	84,851.36 23	84,851.36 23	2.9220		84,924.41 18

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	1.4211	0.7820	8.4806	0.0415	7.1242	0.0224	7.1467	1.8891	0.0206	1.9098		4,148.394 7	4,148.394 7	0.0521		4,149.697 2
Total	1.4211	0.7820	8.4806	0.0415	7.1242	0.0224	7.1467	1.8891	0.0206	1.9098		4,148.394 7	4,148.394 7	0.0521		4,149.697 2

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.13 Dec-33 - 2034

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	33.0761	102.8308	293.9263	0.8349		3.2544	3.2544		3.2544	3.2544		84,851.36 23	84,851.36 23	2.9220		84,924.41 19
Total	33.0761	102.8308	293.9263	0.8349	4.3228	3.2544	7.5772	0.6546	3.2544	3.9090		84,851.36 23	84,851.36 23	2.9220		84,924.41 19

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	1.3371	0.7268	8.0163	0.0409	7.1242	0.0210	7.1452	1.8891	0.0193	1.9084		4,080.911 1	4,080.911 1	0.0477		4,082.103 4
Total	1.3371	0.7268	8.0163	0.0409	7.1242	0.0210	7.1452	1.8891	0.0193	1.9084		4,080.911 1	4,080.911 1	0.0477		4,082.103 4

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

3.13 Dec-33 - 2034

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					4.3228	0.0000	4.3228	0.6546	0.0000	0.6546			0.0000			0.0000
Off-Road	9.0427	45.2444	404.8990	0.8349		1.1839	1.1839		1.1839	1.1839	0.0000	84,851.36 23	84,851.36 23	2.9220		84,924.41 18
Total	9.0427	45.2444	404.8990	0.8349	4.3228	1.1839	5.5067	0.6546	1.1839	1.8385	0.0000	84,851.36 23	84,851.36 23	2.9220		84,924.41 18

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	1.3371	0.7268	8.0163	0.0409	7.1242	0.0210	7.1452	1.8891	0.0193	1.9084		4,080.911 1	4,080.911 1	0.0477		4,082.103 4
Total	1.3371	0.7268	8.0163	0.0409	7.1242	0.0210	7.1452	1.8891	0.0193	1.9084		4,080.911 1	4,080.911 1	0.0477		4,082.103 4

4.0 Operational Detail - Mobile

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Heavy Industry	13.00	13.00	13.00	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.615581	0.024499	0.200162	0.102060	0.012058	0.004089	0.012646	0.020218	0.002251	0.001029	0.004096	0.000689	0.000621

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

DCPP Decommissioning - San Luis Obispo County APCD Air District, 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 Heavy Industry	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

	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 Heavy Industry	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

DCPP Decommissioning - San Luis Obispo County APCD Air District, 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	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

DCPP Decommissioning - San Luis Obispo County APCD Air District, 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

DCPP Decommissioning - San Luis Obispo County APCD Air District, Winter

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

SMVRR Equipment
Santa Barbara County APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	217.80	1000sqft	5.00	217,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.9	Precipitation Freq (Days)	37
Climate Zone	4			Operational Year	2030
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Waste transport to SMVRR 2024-2029. Assume equipment installed at start of Period 1 (Dec 2024).

Land Use - Betteravia Industrial park is 5 acres (SMVRR website).

Construction Phase - Period 1 12/1/2024 through 12/31/2029. Adjusted end date to account for 4 day work weeks.

Off-road Equipment - Generator set based on requirements for gantry lift system. Other equipment based on defaults or similar models

Trips and VMT - Assume 10 workers per day at one railyard. Used default trip length. 99 haul trips over distance from DCPD to SMVR (roughly 50 miles)

Energy Use -

Construction Off-road Equipment Mitigation - Assume Tier 4 final for hp >100 and Tier 4 interim for hp <100.

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	1,060.00
tblConstructionPhase	PhaseEndDate	12/6/2024	12/22/2028
tblOffRoadEquipment	HorsePower	84.00	369.00
tblOffRoadEquipment	HorsePower	172.00	24.80
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.31	0.31
tblOffRoadEquipment	LoadFactor	0.40	0.40
tblOffRoadEquipment	OffRoadEquipmentType	Rubber Tired Dozers	Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Aerial Lifts
tblOffRoadEquipment	OffRoadEquipmentType		Rough Terrain Forklifts
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	0.00	99.00
tblTripsAndVMT	WorkerTripNumber	25.00	10.00

2.0 Emissions Summary

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.5359	11.2801	12.4669	0.0441	0.0672	0.3791	0.4463	0.0179	0.3611	0.3790	0.0000	4,679.355 2	4,679.355 2	0.6727	4.1700e- 003	4,697.416 2
2025	1.4626	10.0453	12.3468	0.0441	0.0672	0.3257	0.3930	0.0179	0.3101	0.3280	0.0000	4,676.699 3	4,676.699 3	0.6723	4.0200e- 003	4,694.704 4
2026	1.4613	10.0428	12.3339	0.0441	0.0672	0.3257	0.3929	0.0179	0.3101	0.3279	0.0000	4,674.842 9	4,674.842 9	0.6722	3.8700e- 003	4,692.802 7
2027	1.4600	10.0405	12.3250	0.0440	0.0672	0.3257	0.3929	0.0179	0.3100	0.3279	0.0000	4,673.174 3	4,673.174 3	0.6721	3.7500e- 003	4,691.093 1
2028	1.4589	10.0386	12.3177	0.0440	0.0672	0.3257	0.3929	0.0179	0.3100	0.3279	0.0000	4,671.642 7	4,671.642 7	0.6721	3.6300e- 003	4,689.525 7
Maximum	1.5359	11.2801	12.4669	0.0441	0.0672	0.3791	0.4463	0.0179	0.3611	0.3790	0.0000	4,679.355 2	4,679.355 2	0.6727	4.1700e- 003	4,697.416 2

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

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	6.0458	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507
Energy	0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217
Mobile	1.3933	1.5749	12.2950	0.0231	2.9665	0.0165	2.9830	0.7925	0.0154	0.8079		2,357.7498	2,357.7498	0.1783	0.1295	2,400.7968
Total	7.5434	2.5228	13.1132	0.0288	2.9665	0.0886	3.0551	0.7925	0.0875	0.8800		3,495.0610	3,495.0610	0.2002	0.1504	3,544.8693

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	6.0458	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507
Energy	0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217
Mobile	1.3933	1.5749	12.2950	0.0231	2.9665	0.0165	2.9830	0.7925	0.0154	0.8079		2,357.7498	2,357.7498	0.1783	0.1295	2,400.7968
Total	7.5434	2.5228	13.1132	0.0288	2.9665	0.0886	3.0551	0.7925	0.0875	0.8800		3,495.0610	3,495.0610	0.2002	0.1504	3,544.8693

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	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	SMVR Operations	Site Preparation	12/1/2024	12/22/2028	5	1060	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
SMVR Operations	Generator Sets	2	4.00	369	0.74
SMVR Operations	Off-Highway Trucks	2	4.00	402	0.38
SMVR Operations	Other Construction Equipment	2	4.00	24.8	0.42
SMVR Operations	Aerial Lifts	2	4.00	63	0.31
SMVR Operations	Rough Terrain Forklifts	2	4.00	100	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
SMVR Operations	10	10.00	0.00	99.00	8.30	6.40	50.00	LD_Mix	HDT_Mix	HHDT

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

3.2 SMVR Operations - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5096	11.2286	12.2723	0.0435		0.3785	0.3785		0.3606	0.3606		4,613.792 2	4,613.792 2	0.6696		4,630.532 9
Total	1.5096	11.2286	12.2723	0.0435		0.3785	0.3785		0.3606	0.3606		4,613.792 2	4,613.792 2	0.6696		4,630.532 9

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5000e-004	0.0347	8.1600e-003	1.4000e-004	4.0600e-003	2.8000e-004	4.3500e-003	1.1100e-003	2.7000e-004	1.3800e-003		15.4063	15.4063	1.1400e-003	2.4700e-003	16.1714
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0259	0.0168	0.1864	5.0000e-004	0.0632	2.9000e-004	0.0635	0.0168	2.7000e-004	0.0170		50.1568	50.1568	1.9100e-003	1.7000e-003	50.7119
Total	0.0263	0.0515	0.1946	6.4000e-004	0.0672	5.7000e-004	0.0678	0.0179	5.4000e-004	0.0184		65.5630	65.5630	3.0500e-003	4.1700e-003	66.8833

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	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.7922	4,613.7922	0.6696		4,630.5329
Total	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.7922	4,613.7922	0.6696		4,630.5329

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5000e-004	0.0347	8.1600e-003	1.4000e-004	4.0600e-003	2.8000e-004	4.3500e-003	1.1100e-003	2.7000e-004	1.3800e-003		15.4063	15.4063	1.1400e-003	2.4700e-003	16.1714
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0259	0.0168	0.1864	5.0000e-004	0.0632	2.9000e-004	0.0635	0.0168	2.7000e-004	0.0170		50.1568	50.1568	1.9100e-003	1.7000e-003	50.7119
Total	0.0263	0.0515	0.1946	6.4000e-004	0.0672	5.7000e-004	0.0678	0.0179	5.4000e-004	0.0184		65.5630	65.5630	3.0500e-003	4.1700e-003	66.8833

3.2 SMVR Operations - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848
Total	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.3000e-004	0.0335	8.3100e-003	1.3000e-004	4.0600e-003	2.8000e-004	4.3400e-003	1.1100e-003	2.6000e-004	1.3700e-003		15.1199	15.1199	1.1900e-003	2.4300e-003	15.8733
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0244	0.0151	0.1740	4.8000e-004	0.0632	2.8000e-004	0.0634	0.0168	2.6000e-004	0.0170		48.5294	48.5294	1.7400e-003	1.5900e-003	49.0463
Total	0.0248	0.0486	0.1823	6.1000e-004	0.0672	5.6000e-004	0.0678	0.0179	5.2000e-004	0.0184		63.6493	63.6493	2.9300e-003	4.0200e-003	64.9197

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	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848
Total	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.3000e-004	0.0335	8.3100e-003	1.3000e-004	4.0600e-003	2.8000e-004	4.3400e-003	1.1100e-003	2.6000e-004	1.3700e-003		15.1199	15.1199	1.1900e-003	2.4300e-003	15.8733
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0244	0.0151	0.1740	4.8000e-004	0.0632	2.8000e-004	0.0634	0.0168	2.6000e-004	0.0170		48.5294	48.5294	1.7400e-003	1.5900e-003	49.0463
Total	0.0248	0.0486	0.1823	6.1000e-004	0.0672	5.6000e-004	0.0678	0.0179	5.2000e-004	0.0184		63.6493	63.6493	2.9300e-003	4.0200e-003	64.9197

3.2 SMVR Operations - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848
Total	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.2000e-004	0.0324	8.4200e-003	1.3000e-004	4.0600e-003	2.7000e-004	4.3300e-003	1.1100e-003	2.6000e-004	1.3700e-003		14.8295	14.8295	1.2400e-003	2.3800e-003	15.5708
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0230	0.0136	0.1610	4.6000e-004	0.0632	2.6000e-004	0.0634	0.0168	2.4000e-004	0.0170		46.9634	46.9634	1.5800e-003	1.4900e-003	47.4471
Total	0.0234	0.0461	0.1694	5.9000e-004	0.0672	5.3000e-004	0.0677	0.0179	5.0000e-004	0.0184		61.7929	61.7929	2.8200e-003	3.8700e-003	63.0179

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	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848
Total	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.2000e-004	0.0324	8.4200e-003	1.3000e-004	4.0600e-003	2.7000e-004	4.3300e-003	1.1100e-003	2.6000e-004	1.3700e-003		14.8295	14.8295	1.2400e-003	2.3800e-003	15.5708
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0230	0.0136	0.1610	4.6000e-004	0.0632	2.6000e-004	0.0634	0.0168	2.4000e-004	0.0170		46.9634	46.9634	1.5800e-003	1.4900e-003	47.4471
Total	0.0234	0.0461	0.1694	5.9000e-004	0.0672	5.3000e-004	0.0677	0.0179	5.0000e-004	0.0184		61.7929	61.7929	2.8200e-003	3.8700e-003	63.0179

3.2 SMVR Operations - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848
Total	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.0000e-004	0.0314	8.5400e-003	1.3000e-004	4.0600e-003	2.6000e-004	4.3200e-003	1.1100e-003	2.5000e-004	1.3600e-003		14.5132	14.5132	1.2700e-003	2.3400e-003	15.2409
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0218	0.0124	0.1519	4.5000e-004	0.0632	2.4000e-004	0.0634	0.0168	2.2000e-004	0.0170		45.6110	45.6110	1.4600e-003	1.4100e-003	46.0675
Total	0.0222	0.0438	0.1605	5.8000e-004	0.0672	5.0000e-004	0.0677	0.0179	4.7000e-004	0.0183		60.1243	60.1243	2.7300e-003	3.7500e-003	61.3084

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	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848
Total	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.0000e-004	0.0314	8.5400e-003	1.3000e-004	4.0600e-003	2.6000e-004	4.3200e-003	1.1100e-003	2.5000e-004	1.3600e-003		14.5132	14.5132	1.2700e-003	2.3400e-003	15.2409
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0218	0.0124	0.1519	4.5000e-004	0.0632	2.4000e-004	0.0634	0.0168	2.2000e-004	0.0170		45.6110	45.6110	1.4600e-003	1.4100e-003	46.0675
Total	0.0222	0.0438	0.1605	5.8000e-004	0.0672	5.0000e-004	0.0677	0.0179	4.7000e-004	0.0183		60.1243	60.1243	2.7300e-003	3.7500e-003	61.3084

3.2 SMVR Operations - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848
Total	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.9000e-004	0.0305	8.6600e-003	1.2000e-004	4.0600e-003	2.5000e-004	4.3200e-003	1.1100e-003	2.4000e-004	1.3500e-003		14.2079	14.2079	1.3100e-003	2.2900e-003	14.9224
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0207	0.0114	0.1445	4.4000e-004	0.0632	2.3000e-004	0.0634	0.0168	2.1000e-004	0.0170		44.3848	44.3848	1.3500e-003	1.3400e-003	44.8185
Total	0.0211	0.0419	0.1532	5.6000e-004	0.0672	4.8000e-004	0.0677	0.0179	4.5000e-004	0.0183		58.5927	58.5927	2.6600e-003	3.6300e-003	59.7409

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	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848
Total	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.9000e-004	0.0305	8.6600e-003	1.2000e-004	4.0600e-003	2.5000e-004	4.3200e-003	1.1100e-003	2.4000e-004	1.3500e-003		14.2079	14.2079	1.3100e-003	2.2900e-003	14.9224
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0207	0.0114	0.1445	4.4000e-004	0.0632	2.3000e-004	0.0634	0.0168	2.1000e-004	0.0170		44.3848	44.3848	1.3500e-003	1.3400e-003	44.8185
Total	0.0211	0.0419	0.1532	5.6000e-004	0.0672	4.8000e-004	0.0677	0.0179	4.5000e-004	0.0183		58.5927	58.5927	2.6600e-003	3.6300e-003	59.7409

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.3933	1.5749	12.2950	0.0231	2.9665	0.0165	2.9830	0.7925	0.0154	0.8079		2,357.7498	2,357.7498	0.1783	0.1295	2,400.7968
Unmitigated	1.3933	1.5749	12.2950	0.0231	2.9665	0.0165	2.9830	0.7925	0.0154	0.8079		2,357.7498	2,357.7498	0.1783	0.1295	2,400.7968

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	733.99	553.21	270.07	1,226,595	1,226,595
Total	733.99	553.21	270.07	1,226,595	1,226,595

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
Industrial Park	6.60	5.50	6.40	59.00	28.00	13.00	79	19	2

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.514923	0.057522	0.206064	0.138974	0.023636	0.006062	0.011219	0.006223	0.000940	0.000535	0.027699	0.003185	0.003017

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217
NaturalGas Unmitigated	0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217

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					
Industrial Park	9666.74	0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217
Total		0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

5.2 Energy by Land Use - NaturalGas

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					
Industrial Park	9.66674	0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217
Total		0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217

6.0 Area Detail

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	6.0458	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507
Unmitigated	6.0458	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.3829					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.6609					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0200e-003	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507
Total	6.0458	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.3829					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.6609					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0200e-003	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507
Total	6.0458	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507

7.0 Water Detail

7.1 Mitigation Measures Water

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

DCPP Decommissioning
San Luis Obispo County APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	0.00	1000sqft	585.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	3.2	Precipitation Freq (Days)	44
Climate Zone	4			Operational Year	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Project Characteristics -

Land Use - Total lot acreage.

Construction Phase - 20 working days per month based on 4 day work week and 5 weeks per month.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Off-road Equipment - Data from PG&E equipment list for 2026.

Trips and VMT - Data from PG&E employee totals. Assumed 22 miles from downtown SLO to DCCP.

Demolition -

Grading -

Construction Off-road Equipment Mitigation - Scenario 2: Tier 4 Final for equipment HP>100, Tier 4 Interim for equipment HP<100. Put all tractors/loaders at Tier 3 to be conservative because the equipment has both HP less than and greater than 100.

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	76.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	74.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	52.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	27.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	259.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	52.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	21.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	28.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	31.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	98.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	301.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblLandUse	LotAcreage	0.00	585.00
tblOffRoadEquipment	HorsePower	187.00	199.00
tblOffRoadEquipment	HorsePower	187.00	199.00
tblOffRoadEquipment	HorsePower	187.00	249.00
tblOffRoadEquipment	HorsePower	187.00	169.00
tblOffRoadEquipment	HorsePower	187.00	199.00

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	249.00
tbloffRoadEquipment	HorsePower	187.00	199.00
tbloffRoadEquipment	HorsePower	187.00	249.00
tbloffRoadEquipment	HorsePower	187.00	169.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	20.00

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	LoadFactor	0.42	0.38
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	1.80
tblOffRoadEquipment	UsageHours	8.00	0.20
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	5.70
tblOffRoadEquipment	UsageHours	8.00	0.20
tblOffRoadEquipment	UsageHours	8.00	9.00

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tbloffRoadEquipment	UsageHours	8.00	0.10
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	5.70
tbloffRoadEquipment	UsageHours	8.00	0.30
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	0.10
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	1.80
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	1.80
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	0.20
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	5.10
tbloffRoadEquipment	UsageHours	8.00	5.10
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripNumber	175.00	692.00
tblTripsAndVMT	WorkerTripNumber	378.00	862.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblTripsAndVMT	WorkerTripNumber	328.00	810.00
tblTripsAndVMT	WorkerTripNumber	303.00	816.00
tblTripsAndVMT	WorkerTripNumber	213.00	658.00
tblTripsAndVMT	WorkerTripNumber	153.00	758.00
tblTripsAndVMT	WorkerTripNumber	150.00	722.00
tblTripsAndVMT	WorkerTripNumber	145.00	724.00
tblTripsAndVMT	WorkerTripNumber	173.00	755.00
tblTripsAndVMT	WorkerTripNumber	120.00	740.00
tblTripsAndVMT	WorkerTripNumber	305.00	725.00
tblTripsAndVMT	WorkerTripNumber	360.00	756.00

2.0 Emissions Summary

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Jan-26	Demolition	1/1/2026	1/28/2026	5	20	
2	Feb-26	Demolition	2/1/2026	2/28/2026	5	20	
3	Mar-26	Demolition	3/1/2026	3/27/2026	5	20	
4	Apr-26	Demolition	4/1/2026	4/28/2026	5	20	
5	May-26	Demolition	5/1/2026	5/28/2026	5	20	
6	Jun-26	Demolition	6/1/2026	6/26/2026	5	20	
7	Jul-26	Demolition	7/1/2026	7/28/2026	5	20	
8	Aug-26	Demolition	8/1/2026	8/28/2026	5	20	
9	Sep-26	Demolition	9/1/2026	9/28/2026	5	20	
10	Oct-26	Demolition	10/1/2026	10/28/2026	5	20	
11	Nov-26	Demolition	11/1/2026	11/27/2026	5	20	
12	Dec-26	Demolition	12/7/2026	1/1/2027	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Jan-26	Aerial Lifts	3	9.00	63	0.31
Jan-26	Aerial Lifts	1	3.60	63	0.31
Jan-26	Aerial Lifts	1	9.00	63	0.31
Jan-26	Cranes	4	9.00	231	0.29

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Jan-26	Cranes	1	3.60	231	0.29
Jan-26	Crushing/Proc. Equipment	2	9.00	85	0.78
Jan-26	Excavators	1	9.00	158	0.38
Jan-26	Excavators	4	9.00	158	0.38
Jan-26	Excavators	1	1.80	158	0.38
Jan-26	Forklifts	1	9.00	89	0.20
Jan-26	Forklifts	1	9.00	89	0.20
Jan-26	Graders	1	1.80	199	0.41
Jan-26	Off-Highway Trucks	8	9.00	402	0.38
Jan-26	Off-Highway Trucks	1	7.10	402	0.38
Jan-26	Off-Highway Trucks	1	10.30	402	0.38
Jan-26	Off-Highway Trucks	2	9.00	402	0.38
Jan-26	Off-Highway Trucks	2	9.00	402	0.38
Jan-26	Off-Highway Trucks	1	3.60	402	0.38
Jan-26	Off-Highway Trucks	2	9.00	199	0.38
Jan-26	Off-Highway Trucks	2	9.00	402	0.38
Jan-26	Off-Highway Trucks	1	9.00	402	0.38
Jan-26	Off-Highway Trucks	1	9.00	402	0.38
Jan-26	Off-Highway Trucks	1	9.00	402	0.38
Jan-26	Other Construction Equipment	4	9.00	6	0.42
Jan-26	Other Construction Equipment	2	9.00	6	0.42
Jan-26	Other Construction Equipment	2	9.00	20	0.38
Jan-26	Plate Compactors	1	9.00	8	0.43
Jan-26	Rollers	1	1.80	80	0.38
Jan-26	Rollers	1	9.00	80	0.38
Jan-26	Skid Steer Loaders	4	9.00	65	0.37
Jan-26	Tractors/Loaders/Backhoes	1	0.20	224	0.37

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Jan-26	Tractors/Loaders/Backhoes	4	9.00	349	0.37
Jan-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Jan-26	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Jan-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Jan-26	Tractors/Loaders/Backhoes	1	9.00	97	0.37
Feb-26	Aerial Lifts	4	9.00	63	0.31
Feb-26	Aerial Lifts	1	4.50	63	0.31
Feb-26	Aerial Lifts	2	9.00	63	0.31
Feb-26	Aerial Lifts	1	9.00	63	0.31
Feb-26	Air Compressors	5	9.00	78	0.48
Feb-26	Cranes	4	9.00	231	0.29
Feb-26	Cranes	3	9.00	231	0.29
Feb-26	Cranes	1	4.50	231	0.29
Feb-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Feb-26	Excavators	2	9.00	158	0.38
Feb-26	Excavators	1	9.00	158	0.38
Feb-26	Forklifts	1	9.00	89	0.20
Feb-26	Forklifts	1	9.00	89	0.20
Feb-26	Graders	1	1.80	199	0.41
Feb-26	Off-Highway Trucks	4	9.00	402	0.38
Feb-26	Off-Highway Trucks	4	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	7.10	402	0.38
Feb-26	Off-Highway Trucks	1	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	9.00	402	0.38
Feb-26	Off-Highway Trucks	16	9.00	402	0.38
Feb-26	Off-Highway Trucks	2	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	9.00	199	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Feb-26	Off-Highway Trucks	2	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	9.00	402	0.38
Feb-26	Off-Highway Trucks	1	5.70	402	0.38
Feb-26	Other Construction Equipment	2	9.00	6	0.42
Feb-26	Other Construction Equipment	2	9.00	6	0.42
Feb-26	Other Construction Equipment	2	9.00	20	0.42
Feb-26	Plate Compactors	1	9.00	8	0.43
Feb-26	Rollers	1	1.80	80	0.38
Feb-26	Skid Steer Loaders	2	9.00	65	0.37
Feb-26	Tractors/Loaders/Backhoes	1	1.10	224	0.37
Feb-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Feb-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Feb-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Feb-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Feb-26	Tractors/Loaders/Backhoes	1	9.00	97	0.37
Feb-26	Welders	3	9.00	46	0.45
Mar-26	Aerial Lifts	2	9.00	63	0.31
Mar-26	Aerial Lifts	1	9.00	63	0.31
Mar-26	Bore/Drill Rigs	1	0.50	221	0.50
Mar-26	Bore/Drill Rigs	1	1.80	221	0.50
Mar-26	Cranes	4	9.00	231	0.29
Mar-26	Cranes	1	4.50	231	0.29
Mar-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Mar-26	Excavators	2	9.00	158	0.38
Mar-26	Excavators	1	9.00	158	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Mar-26	Graders	1	1.80	199	0.41
Mar-26	Off-Highway Trucks	4	9.00	402	0.38
Mar-26	Off-Highway Trucks	2	9.00	402	0.38
Mar-26	Off-Highway Trucks	5	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	2.60	402	0.38
Mar-26	Off-Highway Trucks	1	1.80	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	0.20	402	0.38
Mar-26	Off-Highway Trucks	4	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	7.20	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	199	0.38
Mar-26	Off-Highway Trucks	2	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	9.00	402	0.38
Mar-26	Off-Highway Trucks	1	1.30	402	0.38
Mar-26	Other Construction Equipment	2	9.00	6	0.42
Mar-26	Other Construction Equipment	2	9.00	6	0.42
Mar-26	Other Construction Equipment	2	9.00	20	0.42
Mar-26	Plate Compactors	1	9.00	8	0.43
Mar-26	Rollers	1	1.80	80	0.38
Mar-26	Skid Steer Loaders	2	9.00	65	0.37
Mar-26	Tractors/Loaders/Backhoes	1	1.20	224	0.37
Mar-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Mar-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Mar-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Mar-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Mar-26	Tractors/Loaders/Backhoes	1	9.00	97	0.37
Apr-26	Aerial Lifts	1	9.00	63	0.31
Apr-26	Aerial Lifts	1	9.00	63	0.31
Apr-26	Bore/Drill Rigs	1	0.50	221	0.50
Apr-26	Bore/Drill Rigs	1	1.80	221	0.50
Apr-26	Cranes	4	9.00	231	0.29
Apr-26	Cranes	1	3.60	231	0.29
Apr-26	Cranes	1	4.50	231	0.29
Apr-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Apr-26	Crushing/Proc. Equipment	1	0.90	85	0.78
Apr-26	Excavators	2	9.00	158	0.38
Apr-26	Excavators	1	1.80	158	0.38
Apr-26	Graders	1	1.80	199	0.41
Apr-26	Off-Highway Trucks	4	9.00	402	0.38
Apr-26	Off-Highway Trucks	1	3.60	402	0.38
Apr-26	Off-Highway Trucks	2	9.00	402	0.38
Apr-26	Off-Highway Trucks	1	9.00	402	0.38
Apr-26	Off-Highway Trucks	1	1.80	402	0.38
Apr-26	Off-Highway Trucks	1	5.80	402	0.38
Apr-26	Off-Highway Trucks	1	9.00	402	0.38
Apr-26	Off-Highway Trucks	1	0.20	402	0.38
Apr-26	Off-Highway Trucks	4	9.00	402	0.38
Apr-26	Off-Highway Trucks	1	7.20	402	0.38
Apr-26	Off-Highway Trucks	1	9.00	199	0.38
Apr-26	Off-Highway Trucks	2	9.00	402	0.38
Apr-26	Off-Highway Trucks	1	7.10	402	0.38

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Apr-26	Off-Highway Trucks	1	0.90	402	0.38
Apr-26	Off-Highway Trucks	1	0.90	199	0.38
Apr-26	Other Construction Equipment	2	9.00	6	0.42
Apr-26	Other Construction Equipment	2	9.00	6	0.42
Apr-26	Other Construction Equipment	2	9.00	20	0.42
Apr-26	Other Construction Equipment	1	1.80	6	0.42
Apr-26	Rollers	1	1.80	80	0.38
Apr-26	Skid Steer Loaders	2	9.00	65	0.37
Apr-26	Skid Steer Loaders	1	4.50	65	0.37
Apr-26	Skid Steer Loaders	1	1.80	65	0.37
Apr-26	Tractors/Loaders/Backhoes	1	1.10	224	0.37
Apr-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Apr-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Apr-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Apr-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Apr-26	Tractors/Loaders/Backhoes	1	1.80	349	0.37
Apr-26	Tractors/Loaders/Backhoes	1	1.80	97	0.37
May-26	Aerial Lifts	1	9.00	63	0.31
May-26	Bore/Drill Rigs	1	0.50	221	0.50
May-26	Bore/Drill Rigs	1	1.80	221	0.50
May-26	Cranes	4	9.00	231	0.29
May-26	Cranes	1	3.60	231	0.29
May-26	Crushing/Proc. Equipment	1	9.00	85	0.78
May-26	Crushing/Proc. Equipment	1	0.90	85	0.78
May-26	Excavators	2	9.00	158	0.38
May-26	Excavators	1	1.80	158	0.38
May-26	Graders	1	1.80	199	0.41

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

May-26	Off-Highway Trucks	4	9.00	402	0.38
May-26	Off-Highway Trucks	1	3.60	402	0.38
May-26	Off-Highway Trucks	2	9.00	402	0.38
May-26	Off-Highway Trucks	1	9.00	402	0.38
May-26	Off-Highway Trucks	1	1.80	402	0.38
May-26	Off-Highway Trucks	1	5.80	402	0.38
May-26	Off-Highway Trucks	1	9.00	402	0.38
May-26	Off-Highway Trucks	1	0.20	402	0.38
May-26	Off-Highway Trucks	4	9.00	402	0.38
May-26	Off-Highway Trucks	1	7.20	402	0.38
May-26	Off-Highway Trucks	1	9.00	199	0.38
May-26	Off-Highway Trucks	2	9.00	402	0.38
May-26	Off-Highway Trucks	1	7.10	402	0.38
May-26	Off-Highway Trucks	1	0.90	402	0.38
May-26	Off-Highway Trucks	1	0.90	199	0.38
May-26	Other Construction Equipment	2	9.00	6	0.42
May-26	Other Construction Equipment	2	9.00	6	0.42
May-26	Other Construction Equipment	2	9.00	20	0.42
May-26	Other Construction Equipment	1	1.80	6	0.42
May-26	Rollers	1	1.80	80	0.38
May-26	Skid Steer Loaders	2	9.00	65	0.37
May-26	Skid Steer Loaders	1	4.50	65	0.37
May-26	Skid Steer Loaders	1	1.80	65	0.37
May-26	Tractors/Loaders/Backhoes	1	1.10	224	0.37
May-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
May-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
May-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

May-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
May-26	Tractors/Loaders/Backhoes	1	1.80	349	0.37
May-26	Tractors/Loaders/Backhoes	1	1.80	97	0.37
Jun-26	Aerial Lifts	1	9.00	63	0.31
Jun-26	Bore/Drill Rigs	1	0.50	221	0.50
Jun-26	Bore/Drill Rigs	1	1.80	221	0.50
Jun-26	Cranes	1	9.00	231	0.29
Jun-26	Cranes	4	9.00	231	0.29
Jun-26	Cranes	1	5.40	231	0.29
Jun-26	Crushing/Proc. Equipment	2	9.00	85	0.78
Jun-26	Excavators	4	9.00	158	0.38
Jun-26	Graders	1	1.80	199	0.41
Jun-26	Off-Highway Trucks	8	9.00	402	0.38
Jun-26	Off-Highway Trucks	4	9.00	402	0.38
Jun-26	Off-Highway Trucks	1	9.00	402	0.38
Jun-26	Off-Highway Trucks	1	1.80	402	0.38
Jun-26	Off-Highway Trucks	1	5.80	402	0.38
Jun-26	Off-Highway Trucks	2	9.00	402	0.38
Jun-26	Off-Highway Trucks	1	0.50	402	0.38
Jun-26	Off-Highway Trucks	4	9.00	402	0.38
Jun-26	Off-Highway Trucks	1	7.20	402	0.38
Jun-26	Off-Highway Trucks	2	9.00	199	0.38
Jun-26	Off-Highway Trucks	2	9.00	402	0.38
Jun-26	Off-Highway Trucks	1	2.60	402	0.38
Jun-26	Other Construction Equipment	4	9.00	6	0.42
Jun-26	Other Construction Equipment	2	9.00	6	0.42
Jun-26	Other Construction Equipment	2	9.00	20	0.42

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Jun-26	Rollers	1	1.80	80	0.38
Jun-26	Skid Steer Loaders	4	9.00	65	0.37
Jun-26	Skid Steer Loaders	1	4.50	65	0.37
Jun-26	Tractors/Loaders/Backhoes	1	1.10	224	0.37
Jun-26	Tractors/Loaders/Backhoes	4	9.00	349	0.37
Jun-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Jun-26	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Jun-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Jul-26	Bore/Drill Rigs	1	0.50	221	0.50
Jul-26	Bore/Drill Rigs	1	1.80	221	0.50
Jul-26	Cranes	1	9.00	231	0.29
Jul-26	Cranes	4	9.00	231	0.29
Jul-26	Cranes	1	5.40	231	0.29
Jul-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Jul-26	Excavators	2	9.00	158	0.38
Jul-26	Graders	1	1.80	199	0.41
Jul-26	Off-Highway Trucks	4	9.00	402	0.38
Jul-26	Off-Highway Trucks	2	9.00	402	0.38
Jul-26	Off-Highway Trucks	1	7.10	402	0.38
Jul-26	Off-Highway Trucks	1	9.00	402	0.38
Jul-26	Off-Highway Trucks	1	9.00	402	0.38
Jul-26	Off-Highway Trucks	1	0.20	402	0.38
Jul-26	Off-Highway Trucks	4	9.00	402	0.38
Jul-26	Off-Highway Trucks	1	9.00	199	0.38
Jul-26	Off-Highway Trucks	2	9.00	402	0.38
Jul-26	Off-Highway Trucks	1	5.80	402	0.38
Jul-26	Other Construction Equipment	2	9.00	6	0.42

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Jul-26	Other Construction Equipment	2	9.00	6	0.42
Jul-26	Pumps	1	9.00	84	0.74
Jul-26	Pumps	1	0.60	84	0.74
Jul-26	Rollers	1	1.80	80	0.38
Jul-26	Skid Steer Loaders	2	9.00	65	0.37
Jul-26	Skid Steer Loaders	1	4.50	65	0.37
Jul-26	Tractors/Loaders/Backhoes	1	1.10	224	0.37
Jul-26	Tractors/Loaders/Backhoes	1	4.50	249	0.37
Jul-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Jul-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Jul-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Jul-26	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Aug-26	Aerial Lifts	1	9.00	63	0.31
Aug-26	Air Compressors	13	9.00	78	0.48
Aug-26	Air Compressors	1	1.80	78	0.48
Aug-26	Air Compressors	1	2.30	78	0.48
Aug-26	Cranes	1	9.00	231	0.29
Aug-26	Cranes	4	9.00	231	0.29
Aug-26	Cranes	1	1.80	231	0.29
Aug-26	Cranes	1	7.60	231	0.29
Aug-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Aug-26	Excavators	2	9.00	158	0.38
Aug-26	Forklifts	1	0.40	89	0.20
Aug-26	Graders	1	4.40	199	0.41
Aug-26	Graders	1	9.00	249	0.41
Aug-26	Off-Highway Trucks	1	0.10	402	0.38
Aug-26	Off-Highway Trucks	4	9.00	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Aug-26	Off-Highway Trucks	3	9.00	402	0.38
Aug-26	Off-Highway Trucks	1	9.00	402	0.38
Aug-26	Off-Highway Trucks	1	9.00	402	0.38
Aug-26	Off-Highway Trucks	4	9.00	402	0.38
Aug-26	Off-Highway Trucks	1	9.00	199	0.38
Aug-26	Off-Highway Trucks	1	0.70	402	0.38
Aug-26	Off-Highway Trucks	1	5.80	402	0.38
Aug-26	Other Construction Equipment	2	9.00	6	0.42
Aug-26	Pumps	1	9.00	84	0.74
Aug-26	Pumps	1	0.60	84	0.74
Aug-26	Rollers	1	1.80	80	0.38
Aug-26	Rollers	1	9.00	80	0.38
Aug-26	Rubber Tired Dozers	1	9.00	247	0.40
Aug-26	Skid Steer Loaders	2	9.00	65	0.37
Aug-26	Skid Steer Loaders	1	4.50	65	0.37
Aug-26	Tractors/Loaders/Backhoes	1	1.10	224	0.37
Aug-26	Tractors/Loaders/Backhoes	1	4.50	249	0.37
Aug-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Aug-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Aug-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Aug-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Aug-26	Welders	55	9.00	46	0.45
Aug-26	Welders	1	7.20	46	0.45
Aug-26	Welders	1	0.50	46	0.45
Sep-26	Aerial Lifts	1	9.00	63	0.31
Sep-26	Air Compressors	13	9.00	78	0.48
Sep-26	Air Compressors	1	1.80	78	0.48

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Sep-26	Cranes	1	9.00	231	0.29
Sep-26	Cranes	1	4.50	231	0.29
Sep-26	Cranes	4	9.00	231	0.29
Sep-26	Cranes	1	7.20	231	0.29
Sep-26	Cranes	1	5.40	231	0.29
Sep-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Sep-26	Excavators	1	0.20	158	0.38
Sep-26	Excavators	4	9.00	158	0.38
Sep-26	Excavators	2	9.00	158	0.38
Sep-26	Excavators	1	9.00	158	0.38
Sep-26	Forklifts	1	9.00	89	0.20
Sep-26	Forklifts	1	1.90	89	0.20
Sep-26	Forklifts	1	0.70	89	0.20
Sep-26	Forklifts	1	9.00	89	0.20
Sep-26	Forklifts	1	1.80	89	0.20
Sep-26	Graders	1	6.90	199	0.41
Sep-26	Graders	1	9.00	249	0.41
Sep-26	Graders	1	9.00	169	0.41
Sep-26	Off-Highway Trucks	1	0.10	402	0.38
Sep-26	Off-Highway Trucks	4	9.00	402	0.38
Sep-26	Off-Highway Trucks	4	9.00	402	0.38
Sep-26	Off-Highway Trucks	1	5.20	402	0.38
Sep-26	Off-Highway Trucks	3	9.00	402	0.38
Sep-26	Off-Highway Trucks	1	4.10	402	0.38
Sep-26	Off-Highway Trucks	1	9.00	402	0.38
Sep-26	Off-Highway Trucks	1	9.00	402	0.38
Sep-26	Off-Highway Trucks	1	9.00	199	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Sep-26	Off-Highway Trucks	1	5.80	402	0.38
Sep-26	Other Construction Equipment	2	9.00	6	0.42
Sep-26	Paving Equipment	1	0.60	132	0.36
Sep-26	Pumps	1	9.00	84	0.74
Sep-26	Pumps	1	0.60	84	0.74
Sep-26	Rollers	4	9.00	80	0.38
Sep-26	Rollers	1	0.70	80	0.38
Sep-26	Rollers	1	1.80	80	0.38
Sep-26	Rubber Tired Dozers	3	9.00	247	0.40
Sep-26	Skid Steer Loaders	2	9.00	65	0.37
Sep-26	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Sep-26	Tractors/Loaders/Backhoes	1	4.50	249	0.37
Sep-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Sep-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Sep-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Sep-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Sep-26	Welders	55	9.00	46	0.45
Sep-26	Welders	1	7.20	46	0.45
Sep-26	Welders	2	9.00	46	0.45
Sep-26	Welders	1	2.60	46	0.45
Sep-26	Welders	1	1.80	46	0.45
Sep-26	Welders	1	1.80	46	0.45
Oct-26	Aerial Lifts	1	9.00	63	0.31
Oct-26	Aerial Lifts	1	4.50	63	0.31
Oct-26	Air Compressors	14	9.00	78	0.48
Oct-26	Air Compressors	1	6.70	78	0.48
Oct-26	Cranes	1	9.00	231	0.29

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Oct-26	Cranes	1	4.50	231	0.29
Oct-26	Cranes	4	9.00	231	0.29
Oct-26	Cranes	1	7.20	231	0.29
Oct-26	Cranes	1	5.40	231	0.29
Oct-26	Crushing/Proc. Equipment	1	9.00	85	0.78
Oct-26	Excavators	1	0.20	158	0.38
Oct-26	Excavators	4	9.00	158	0.38
Oct-26	Excavators	2	9.00	158	0.38
Oct-26	Excavators	1	9.00	158	0.38
Oct-26	Forklifts	1	9.00	89	0.20
Oct-26	Forklifts	1	0.70	89	0.20
Oct-26	Forklifts	1	9.00	89	0.20
Oct-26	Forklifts	1	1.80	89	0.20
Oct-26	Forklifts	1	1.80	89	0.20
Oct-26	Graders	1	6.90	199	0.41
Oct-26	Graders	1	9.00	249	0.41
Oct-26	Graders	1	9.00	169	0.41
Oct-26	Off-Highway Trucks	4	9.00	402	0.38
Oct-26	Off-Highway Trucks	5	9.00	402	0.38
Oct-26	Off-Highway Trucks	1	0.70	402	0.38
Oct-26	Off-Highway Trucks	3	9.00	402	0.38
Oct-26	Off-Highway Trucks	1	4.10	402	0.38
Oct-26	Off-Highway Trucks	1	9.00	402	0.38
Oct-26	Off-Highway Trucks	1	4.10	402	0.38
Oct-26	Off-Highway Trucks	1	9.00	402	0.38
Oct-26	Off-Highway Trucks	1	9.00	199	0.38
Oct-26	Off-Highway Trucks	1	5.80	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Oct-26	Other Construction Equipment	2	9.00	6	0.42
Oct-26	Paving Equipment	2	9.00	132	0.36
Oct-26	Paving Equipment	1	7.20	132	0.36
Oct-26	Paving Equipment	1	0.60	132	0.36
Oct-26	Pumps	1	9.00	84	0.74
Oct-26	Pumps	1	0.60	84	0.74
Oct-26	Rollers	5	9.00	80	0.38
Oct-26	Rollers	1	0.60	80	0.38
Oct-26	Rollers	1	5.90	80	0.38
Oct-26	Rubber Tired Dozers	3	9.00	247	0.40
Oct-26	Skid Steer Loaders	2	9.00	65	0.37
Oct-26	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Oct-26	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Oct-26	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Oct-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Oct-26	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Oct-26	Tractors/Loaders/Backhoes	1	4.40	97	0.37
Oct-26	Welders	55	9.00	46	0.45
Oct-26	Welders	1	7.70	46	0.45
Oct-26	Welders	2	9.00	46	0.45
Oct-26	Welders	1	2.60	46	0.45
Oct-26	Welders	1	1.80	46	0.45
Oct-26	Welders	1	1.40	46	0.45
Nov-26	Aerial Lifts	1	4.50	63	0.31
Nov-26	Air Compressors	14	9.00	78	0.48
Nov-26	Air Compressors	1	6.60	78	0.48
Nov-26	Cranes	1	9.00	231	0.29

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Nov-26	Cranes	1	5.40	231	0.29
Nov-26	Cranes	1	4.50	231	0.29
Nov-26	Cranes	1	7.20	231	0.29
Nov-26	Excavators	1	5.70	158	0.38
Nov-26	Excavators	1	0.20	158	0.38
Nov-26	Excavators	1	9.00	158	0.38
Nov-26	Excavators	1	0.10	158	0.38
Nov-26	Excavators	1	9.00	158	0.38
Nov-26	Forklifts	1	9.00	89	0.20
Nov-26	Forklifts	1	1.90	89	0.20
Nov-26	Forklifts	1	0.70	89	0.20
Nov-26	Forklifts	1	3.90	89	0.20
Nov-26	Forklifts	1	9.00	89	0.20
Nov-26	Forklifts	1	1.90	89	0.20
Nov-26	Generator Sets	1	0.10	84	0.74
Nov-26	Graders	1	5.70	199	0.41
Nov-26	Off-Highway Trucks	1	0.10	402	0.38
Nov-26	Off-Highway Trucks	2	9.00	402	0.38
Nov-26	Off-Highway Trucks	1	7.10	402	0.38
Nov-26	Off-Highway Trucks	3	9.00	402	0.38
Nov-26	Off-Highway Trucks	1	0.60	402	0.38
Nov-26	Off-Highway Trucks	2	9.00	402	0.38
Nov-26	Off-Highway Trucks	1	4.10	402	0.38
Nov-26	Off-Highway Trucks	1	9.00	402	0.38
Nov-26	Off-Highway Trucks	1	5.80	402	0.38
Nov-26	Pavers	1	9.00	130	0.42
Nov-26	Pavers	1	4.50	130	0.42

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Nov-26	Pavers	1	6.20	130	0.42
Nov-26	Pavers	1	0.20	130	0.42
Nov-26	Paving Equipment	1	1.90	132	0.36
Nov-26	Paving Equipment	4	9.00	132	0.36
Nov-26	Paving Equipment	1	2.70	132	0.36
Nov-26	Paving Equipment	1	0.10	132	0.36
Nov-26	Paving Equipment	1	6.20	132	0.36
Nov-26	Rollers	1	12.60	80	0.38
Nov-26	Rollers	1	5.90	80	0.38
Nov-26	Rough Terrain Forklifts	1	0.10	100	0.40
Nov-26	Rubber Tired Dozers	1	5.10	247	0.40
Nov-26	Tractors/Loaders/Backhoes	1	1.00	224	0.37
Nov-26	Tractors/Loaders/Backhoes	1	9.00	249	0.37
Nov-26	Tractors/Loaders/Backhoes	1	7.60	97	0.37
Nov-26	Welders	55	9.00	46	0.45
Nov-26	Welders	1	7.70	46	0.45
Nov-26	Welders	1	1.80	46	0.45
Nov-26	Welders	4	9.00	46	0.45
Nov-26	Welders	1	5.40	46	0.45
Nov-26	Welders	1	0.40	46	0.45
Nov-26	Welders	1	9.00	46	0.45
Nov-26	Welders	1	7.60	46	0.45
Nov-26	Welders	1	1.80	46	0.45
Dec-26	Aerial Lifts	1	9.00	63	0.31
Dec-26	Air Compressors	11	9.00	78	0.48
Dec-26	Air Compressors	1	2.30	78	0.48
Dec-26	Cranes	1	9.00	231	0.29

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Dec-26	Cranes	1	5.40	231	0.29
Dec-26	Cranes	1	4.50	231	0.29
Dec-26	Cranes	1	9.00	231	0.29
Dec-26	Cranes	1	9.00	231	0.29
Dec-26	Cranes	1	3.60	231	0.29
Dec-26	Excavators	1	5.70	158	0.38
Dec-26	Excavators	1	0.30	158	0.38
Dec-26	Excavators	1	9.00	158	0.38
Dec-26	Excavators	1	0.10	158	0.38
Dec-26	Excavators	1	9.00	158	0.38
Dec-26	Forklifts	1	9.00	89	0.20
Dec-26	Forklifts	1	1.90	89	0.20
Dec-26	Forklifts	1	4.50	89	0.20
Dec-26	Forklifts	1	3.90	89	0.20
Dec-26	Forklifts	1	9.00	89	0.20
Dec-26	Forklifts	1	1.90	89	0.20
Dec-26	Generator Sets	1	0.10	84	0.74
Dec-26	Graders	1	5.70	199	0.41
Dec-26	Off-Highway Trucks	1	0.20	402	0.38
Dec-26	Off-Highway Trucks	1	0.10	402	0.38
Dec-26	Off-Highway Trucks	2	9.00	402	0.38
Dec-26	Off-Highway Trucks	1	7.10	402	0.38
Dec-26	Off-Highway Trucks	3	9.00	402	0.38
Dec-26	Off-Highway Trucks	1	0.60	402	0.38
Dec-26	Off-Highway Trucks	1	9.00	402	0.38
Dec-26	Off-Highway Trucks	1	4.10	402	0.38
Dec-26	Off-Highway Trucks	1	9.00	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Dec-26	Off-Highway Trucks	1	5.80	402	0.38
Dec-26	Off-Highway Trucks	1	2.10	402	0.38
Dec-26	Pavers	1	9.00	130	0.42
Dec-26	Pavers	1	4.50	130	0.42
Dec-26	Pavers	1	6.20	130	0.42
Dec-26	Pavers	1	0.20	130	0.42
Dec-26	Paving Equipment	1	1.90	132	0.36
Dec-26	Paving Equipment	4	9.00	132	0.36
Dec-26	Paving Equipment	1	2.70	132	0.36
Dec-26	Paving Equipment	1	0.10	132	0.36
Dec-26	Paving Equipment	1	6.20	132	0.36
Dec-26	Pumps	1	9.00	84	0.74
Dec-26	Pumps	1	1.40	84	0.74
Dec-26	Rollers	1	9.00	80	0.38
Dec-26	Rollers	1	3.60	80	0.38
Dec-26	Rollers	1	5.90	80	0.38
Dec-26	Rough Terrain Forklifts	1	0.10	100	0.40
Dec-26	Rubber Tired Dozers	1	5.10	247	0.40
Dec-26	Tractors/Loaders/Backhoes	1	1.00	224	0.37
Dec-26	Tractors/Loaders/Backhoes	1	9.00	97	0.37
Dec-26	Tractors/Loaders/Backhoes	1	7.60	97	0.37
Dec-26	Welders	42	9.00	46	0.45
Dec-26	Welders	1	5.40	46	0.45
Dec-26	Welders	1	1.80	46	0.45
Dec-26	Welders	4	9.00	46	0.45
Dec-26	Welders	1	5.40	46	0.45
Dec-26	Welders	1	0.40	46	0.45

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Dec-26	Welders	1	9.00	46	0.45
Dec-26	Welders	1	3.10	46	0.45
Dec-26	Welders	1	1.80	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Jan-26	70	692.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Feb-26	85	658.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Mar-26	61	758.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Apr-26	60	722.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
May-26	58	724.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Jun-26	69	755.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Jul-26	48	740.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Aug-26	122	725.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Sep-26	144	756.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Oct-26	151	862.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Nov-26	131	810.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Dec-26	121	816.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.2 Jan-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1815	1.2790	1.5829	4.7800e-003		0.0494	0.0494		0.0457	0.0457	0.0000	419.2223	419.2223	0.1319	0.0000	422.5189
Total	0.1815	1.2790	1.5829	4.7800e-003	0.0432	0.0494	0.0927	6.5500e-003	0.0457	0.0522	0.0000	419.2223	419.2223	0.1319	0.0000	422.5189

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0326	0.0239	0.2242	8.2000e-004	0.1127	6.0000e-004	0.1133	0.0299	5.5000e-004	0.0305	0.0000	74.3228	74.3228	1.5400e-003	0.0000	74.3614
Total	0.0326	0.0239	0.2242	8.2000e-004	0.1127	6.0000e-004	0.1133	0.0299	5.5000e-004	0.0305	0.0000	74.3228	74.3228	1.5400e-003	0.0000	74.3614

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.2 Jan-26 - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0662	0.6053	2.4302	4.7800e-003		0.0119	0.0119		0.0119	0.0119	0.0000	419.2218	419.2218	0.1319	0.0000	422.5184
Total	0.0662	0.6053	2.4302	4.7800e-003	0.0432	0.0119	0.0551	6.5500e-003	0.0119	0.0185	0.0000	419.2218	419.2218	0.1319	0.0000	422.5184

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0326	0.0239	0.2242	8.2000e-004	0.1127	6.0000e-004	0.1133	0.0299	5.5000e-004	0.0305	0.0000	74.3228	74.3228	1.5400e-003	0.0000	74.3614
Total	0.0326	0.0239	0.2242	8.2000e-004	0.1127	6.0000e-004	0.1133	0.0299	5.5000e-004	0.0305	0.0000	74.3228	74.3228	1.5400e-003	0.0000	74.3614

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.3 Feb-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2699	1.8300	2.0996	6.9200e-003		0.0690	0.0690		0.0640	0.0640	0.0000	605.8439	605.8439	0.1874	0.0000	610.5299
Total	0.2699	1.8300	2.0996	6.9200e-003	0.0432	0.0690	0.1122	6.5500e-003	0.0640	0.0706	0.0000	605.8439	605.8439	0.1874	0.0000	610.5299

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0310	0.0227	0.2132	7.8000e-004	0.1072	5.7000e-004	0.1077	0.0285	5.3000e-004	0.0290	0.0000	70.6711	70.6711	1.4700e-003	0.0000	70.7078
Total	0.0310	0.0227	0.2132	7.8000e-004	0.1072	5.7000e-004	0.1077	0.0285	5.3000e-004	0.0290	0.0000	70.6711	70.6711	1.4700e-003	0.0000	70.7078

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.3 Feb-26 - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0918	0.7310	3.3415	6.9200e-003		0.0171	0.0171		0.0171	0.0171	0.0000	605.8431	605.8431	0.1874	0.0000	610.5292
Total	0.0918	0.7310	3.3415	6.9200e-003	0.0432	0.0171	0.0603	6.5500e-003	0.0171	0.0236	0.0000	605.8431	605.8431	0.1874	0.0000	610.5292

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0310	0.0227	0.2132	7.8000e-004	0.1072	5.7000e-004	0.1077	0.0285	5.3000e-004	0.0290	0.0000	70.6711	70.6711	1.4700e-003	0.0000	70.7078
Total	0.0310	0.0227	0.2132	7.8000e-004	0.1072	5.7000e-004	0.1077	0.0285	5.3000e-004	0.0290	0.0000	70.6711	70.6711	1.4700e-003	0.0000	70.7078

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.4 Mar-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1772	1.1991	1.3819	4.7000e-003		0.0453	0.0453		0.0418	0.0418	0.0000	411.9861	411.9861	0.1313	0.0000	415.2697
Total	0.1772	1.1991	1.3819	4.7000e-003	0.0432	0.0453	0.0886	6.5500e-003	0.0418	0.0484	0.0000	411.9861	411.9861	0.1313	0.0000	415.2697

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0357	0.0262	0.2456	9.0000e-004	0.1234	6.6000e-004	0.1241	0.0328	6.1000e-004	0.0334	0.0000	81.4113	81.4113	1.6900e-003	0.0000	81.4536
Total	0.0357	0.0262	0.2456	9.0000e-004	0.1234	6.6000e-004	0.1241	0.0328	6.1000e-004	0.0334	0.0000	81.4113	81.4113	1.6900e-003	0.0000	81.4536

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.4 Mar-26 - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0614	0.4374	2.2566	4.7000e-003		0.0102	0.0102		0.0102	0.0102	0.0000	411.9856	411.9856	0.1313	0.0000	415.2692
Total	0.0614	0.4374	2.2566	4.7000e-003	0.0432	0.0102	0.0535	6.5500e-003	0.0102	0.0168	0.0000	411.9856	411.9856	0.1313	0.0000	415.2692

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0357	0.0262	0.2456	9.0000e-004	0.1234	6.6000e-004	0.1241	0.0328	6.1000e-004	0.0334	0.0000	81.4113	81.4113	1.6900e-003	0.0000	81.4536
Total	0.0357	0.0262	0.2456	9.0000e-004	0.1234	6.6000e-004	0.1241	0.0328	6.1000e-004	0.0334	0.0000	81.4113	81.4113	1.6900e-003	0.0000	81.4536

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.5 Apr-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1421	0.9886	1.1169	3.7100e-003		0.0378	0.0378		0.0349	0.0349	0.0000	325.7217	325.7217	0.1033	0.0000	328.3052
Total	0.1421	0.9886	1.1169	3.7100e-003	0.0432	0.0378	0.0810	6.5500e-003	0.0349	0.0414	0.0000	325.7217	325.7217	0.1033	0.0000	328.3052

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0341	0.0249	0.2339	8.6000e-004	0.1176	6.3000e-004	0.1182	0.0312	5.8000e-004	0.0318	0.0000	77.5448	77.5448	1.6100e-003	0.0000	77.5851
Total	0.0341	0.0249	0.2339	8.6000e-004	0.1176	6.3000e-004	0.1182	0.0312	5.8000e-004	0.0318	0.0000	77.5448	77.5448	1.6100e-003	0.0000	77.5851

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.5 Apr-26 - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0493	0.3810	1.7976	3.7100e-003		8.5800e-003	8.5800e-003		8.5800e-003	8.5800e-003	0.0000	325.7213	325.7213	0.1033	0.0000	328.3048
Total	0.0493	0.3810	1.7976	3.7100e-003	0.0432	8.5800e-003	0.0518	6.5500e-003	8.5800e-003	0.0151	0.0000	325.7213	325.7213	0.1033	0.0000	328.3048

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0341	0.0249	0.2339	8.6000e-004	0.1176	6.3000e-004	0.1182	0.0312	5.8000e-004	0.0318	0.0000	77.5448	77.5448	1.6100e-003	0.0000	77.5851
Total	0.0341	0.0249	0.2339	8.6000e-004	0.1176	6.3000e-004	0.1182	0.0312	5.8000e-004	0.0318	0.0000	77.5448	77.5448	1.6100e-003	0.0000	77.5851

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.6 May-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1400	0.9649	1.0948	3.6600e-003		0.0369	0.0369		0.0341	0.0341	0.0000	321.2104	321.2104	0.1019	0.0000	323.7574
Total	0.1400	0.9649	1.0948	3.6600e-003	0.0432	0.0369	0.0802	6.5500e-003	0.0341	0.0406	0.0000	321.2104	321.2104	0.1019	0.0000	323.7574

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0341	0.0250	0.2345	8.6000e-004	0.1179	6.3000e-004	0.1185	0.0313	5.8000e-004	0.0319	0.0000	77.7597	77.7597	1.6200e-003	0.0000	77.8000
Total	0.0341	0.0250	0.2345	8.6000e-004	0.1179	6.3000e-004	0.1185	0.0313	5.8000e-004	0.0319	0.0000	77.7597	77.7597	1.6200e-003	0.0000	77.8000

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.6 May-26 - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0484	0.3687	1.7686	3.6600e-003		8.1000e-003	8.1000e-003		8.1000e-003	8.1000e-003	0.0000	321.2100	321.2100	0.1019	0.0000	323.7570
Total	0.0484	0.3687	1.7686	3.6600e-003	0.0432	8.1000e-003	0.0513	6.5500e-003	8.1000e-003	0.0147	0.0000	321.2100	321.2100	0.1019	0.0000	323.7570

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0341	0.0250	0.2345	8.6000e-004	0.1179	6.3000e-004	0.1185	0.0313	5.8000e-004	0.0319	0.0000	77.7597	77.7597	1.6200e-003	0.0000	77.8000
Total	0.0341	0.0250	0.2345	8.6000e-004	0.1179	6.3000e-004	0.1185	0.0313	5.8000e-004	0.0319	0.0000	77.7597	77.7597	1.6200e-003	0.0000	77.8000

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.7 Jun-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1978	1.3640	1.5950	5.2100e-003		0.0523	0.0523		0.0483	0.0483	0.0000	457.2585	457.2585	0.1442	0.0000	460.8645
Total	0.1978	1.3640	1.5950	5.2100e-003	0.0432	0.0523	0.0955	6.5500e-003	0.0483	0.0548	0.0000	457.2585	457.2585	0.1442	0.0000	460.8645

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0356	0.0261	0.2446	9.0000e-004	0.1230	6.6000e-004	0.1236	0.0327	6.0000e-004	0.0333	0.0000	81.0891	81.0891	1.6900e-003	0.0000	81.1313
Total	0.0356	0.0261	0.2446	9.0000e-004	0.1230	6.6000e-004	0.1236	0.0327	6.0000e-004	0.0333	0.0000	81.0891	81.0891	1.6900e-003	0.0000	81.1313

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.7 Jun-26 - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0699	0.5652	2.5580	5.2100e-003		0.0115	0.0115		0.0115	0.0115	0.0000	457.2580	457.2580	0.1442	0.0000	460.8640
Total	0.0699	0.5652	2.5580	5.2100e-003	0.0432	0.0115	0.0547	6.5500e-003	0.0115	0.0180	0.0000	457.2580	457.2580	0.1442	0.0000	460.8640

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0356	0.0261	0.2446	9.0000e-004	0.1230	6.6000e-004	0.1236	0.0327	6.0000e-004	0.0333	0.0000	81.0891	81.0891	1.6900e-003	0.0000	81.1313
Total	0.0356	0.0261	0.2446	9.0000e-004	0.1230	6.6000e-004	0.1236	0.0327	6.0000e-004	0.0333	0.0000	81.0891	81.0891	1.6900e-003	0.0000	81.1313

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.8 Jul-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1357	0.9615	1.0621	3.5400e-003		0.0370	0.0370		0.0342	0.0342	0.0000	310.2886	310.2886	0.0966	0.0000	312.7038
Total	0.1357	0.9615	1.0621	3.5400e-003	0.0432	0.0370	0.0802	6.5500e-003	0.0342	0.0407	0.0000	310.2886	310.2886	0.0966	0.0000	312.7038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0349	0.0256	0.2397	8.8000e-004	0.1205	6.4000e-004	0.1212	0.0320	5.9000e-004	0.0326	0.0000	79.4781	79.4781	1.6500e-003	0.0000	79.5194
Total	0.0349	0.0256	0.2397	8.8000e-004	0.1205	6.4000e-004	0.1212	0.0320	5.9000e-004	0.0326	0.0000	79.4781	79.4781	1.6500e-003	0.0000	79.5194

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.8 Jul-26 - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0473	0.3742	1.7227	3.5400e-003		7.4000e-003	7.4000e-003		7.4000e-003	7.4000e-003	0.0000	310.2882	310.2882	0.0966	0.0000	312.7035
Total	0.0473	0.3742	1.7227	3.5400e-003	0.0432	7.4000e-003	0.0506	6.5500e-003	7.4000e-003	0.0140	0.0000	310.2882	310.2882	0.0966	0.0000	312.7035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0349	0.0256	0.2397	8.8000e-004	0.1205	6.4000e-004	0.1212	0.0320	5.9000e-004	0.0326	0.0000	79.4781	79.4781	1.6500e-003	0.0000	79.5194
Total	0.0349	0.0256	0.2397	8.8000e-004	0.1205	6.4000e-004	0.1212	0.0320	5.9000e-004	0.0326	0.0000	79.4781	79.4781	1.6500e-003	0.0000	79.5194

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.9 Aug-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3166	2.1714	2.5379	5.8100e-003		0.0785	0.0785		0.0753	0.0753	0.0000	485.6320	485.6320	0.1125	0.0000	488.4433
Total	0.3166	2.1714	2.5379	5.8100e-003	0.0432	0.0785	0.1217	6.5500e-003	0.0753	0.0819	0.0000	485.6320	485.6320	0.1125	0.0000	488.4433

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0342	0.0250	0.2349	8.6000e-004	0.1181	6.3000e-004	0.1187	0.0314	5.8000e-004	0.0320	0.0000	77.8671	77.8671	1.6200e-003	0.0000	77.9075
Total	0.0342	0.0250	0.2349	8.6000e-004	0.1181	6.3000e-004	0.1187	0.0314	5.8000e-004	0.0320	0.0000	77.8671	77.8671	1.6200e-003	0.0000	77.9075

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.9 Aug-26 - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0878	1.6781	3.0960	5.8100e-003		0.0381	0.0381		0.0381	0.0381	0.0000	485.6314	485.6314	0.1125	0.0000	488.4427
Total	0.0878	1.6781	3.0960	5.8100e-003	0.0432	0.0381	0.0813	6.5500e-003	0.0381	0.0446	0.0000	485.6314	485.6314	0.1125	0.0000	488.4427

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0342	0.0250	0.2349	8.6000e-004	0.1181	6.3000e-004	0.1187	0.0314	5.8000e-004	0.0320	0.0000	77.8671	77.8671	1.6200e-003	0.0000	77.9075
Total	0.0342	0.0250	0.2349	8.6000e-004	0.1181	6.3000e-004	0.1187	0.0314	5.8000e-004	0.0320	0.0000	77.8671	77.8671	1.6200e-003	0.0000	77.9075

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.10 Sep-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3668	2.6028	3.0221	6.7600e-003		0.0978	0.0978		0.0932	0.0932	0.0000	568.2296	568.2296	0.1382	0.0000	571.6835
Total	0.3668	2.6028	3.0221	6.7600e-003	0.0432	0.0978	0.1411	6.5500e-003	0.0932	0.0997	0.0000	568.2296	568.2296	0.1382	0.0000	571.6835

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0357	0.0261	0.2449	9.0000e-004	0.1231	6.6000e-004	0.1238	0.0327	6.0000e-004	0.0333	0.0000	81.1965	81.1965	1.6900e-003	0.0000	81.2387
Total	0.0357	0.0261	0.2449	9.0000e-004	0.1231	6.6000e-004	0.1238	0.0327	6.0000e-004	0.0333	0.0000	81.1965	81.1965	1.6900e-003	0.0000	81.2387

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.10 Sep-26 - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1009	1.8139	3.6803	6.7600e-003		0.0407	0.0407		0.0407	0.0407	0.0000	568.2289	568.2289	0.1382	0.0000	571.6828
Total	0.1009	1.8139	3.6803	6.7600e-003	0.0432	0.0407	0.0839	6.5500e-003	0.0407	0.0472	0.0000	568.2289	568.2289	0.1382	0.0000	571.6828

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0357	0.0261	0.2449	9.0000e-004	0.1231	6.6000e-004	0.1238	0.0327	6.0000e-004	0.0333	0.0000	81.1965	81.1965	1.6900e-003	0.0000	81.2387
Total	0.0357	0.0261	0.2449	9.0000e-004	0.1231	6.6000e-004	0.1238	0.0327	6.0000e-004	0.0333	0.0000	81.1965	81.1965	1.6900e-003	0.0000	81.2387

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.11 Oct-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3822	2.7222	3.2161	7.1200e-003		0.1032	0.1032		0.0982	0.0982	0.0000	599.9343	599.9343	0.1468	0.0000	603.6046
Total	0.3822	2.7222	3.2161	7.1200e-003	0.0432	0.1032	0.1464	6.5500e-003	0.0982	0.1047	0.0000	599.9343	599.9343	0.1468	0.0000	603.6046

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0407	0.0298	0.2793	1.0200e-003	0.1404	7.5000e-004	0.1411	0.0373	6.9000e-004	0.0380	0.0000	92.5812	92.5812	1.9200e-003	0.0000	92.6293
Total	0.0407	0.0298	0.2793	1.0200e-003	0.1404	7.5000e-004	0.1411	0.0373	6.9000e-004	0.0380	0.0000	92.5812	92.5812	1.9200e-003	0.0000	92.6293

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.11 Oct-26 - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1063	1.8725	3.9120	7.1200e-003		0.0414	0.0414		0.0414	0.0414	0.0000	599.9336	599.9336	0.1468	0.0000	603.6039
Total	0.1063	1.8725	3.9120	7.1200e-003	0.0432	0.0414	0.0847	6.5500e-003	0.0414	0.0480	0.0000	599.9336	599.9336	0.1468	0.0000	603.6039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0407	0.0298	0.2793	1.0200e-003	0.1404	7.5000e-004	0.1411	0.0373	6.9000e-004	0.0380	0.0000	92.5812	92.5812	1.9200e-003	0.0000	92.6293
Total	0.0407	0.0298	0.2793	1.0200e-003	0.1404	7.5000e-004	0.1411	0.0373	6.9000e-004	0.0380	0.0000	92.5812	92.5812	1.9200e-003	0.0000	92.6293

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.12 Nov-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2917	1.9451	2.4610	5.0000e-003		0.0708	0.0708		0.0683	0.0683	0.0000	411.9221	411.9221	0.0877	0.0000	414.1143
Total	0.2917	1.9451	2.4610	5.0000e-003	0.0432	0.0708	0.1140	6.5500e-003	0.0683	0.0749	0.0000	411.9221	411.9221	0.0877	0.0000	414.1143

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0382	0.0280	0.2624	9.6000e-004	0.1319	7.0000e-004	0.1326	0.0351	6.5000e-004	0.0357	0.0000	86.9963	86.9963	1.8100e-003	0.0000	87.0415
Total	0.0382	0.0280	0.2624	9.6000e-004	0.1319	7.0000e-004	0.1326	0.0351	6.5000e-004	0.0357	0.0000	86.9963	86.9963	1.8100e-003	0.0000	87.0415

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.12 Nov-26 - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0760	1.6213	2.8127	5.0000e-003		0.0382	0.0382		0.0382	0.0382	0.0000	411.9216	411.9216	0.0877	0.0000	414.1138
Total	0.0760	1.6213	2.8127	5.0000e-003	0.0432	0.0382	0.0814	6.5500e-003	0.0382	0.0448	0.0000	411.9216	411.9216	0.0877	0.0000	414.1138

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0382	0.0280	0.2624	9.6000e-004	0.1319	7.0000e-004	0.1326	0.0351	6.5000e-004	0.0357	0.0000	86.9963	86.9963	1.8100e-003	0.0000	87.0415
Total	0.0382	0.0280	0.2624	9.6000e-004	0.1319	7.0000e-004	0.1326	0.0351	6.5000e-004	0.0357	0.0000	86.9963	86.9963	1.8100e-003	0.0000	87.0415

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.13 Dec-26 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0411	0.0000	0.0411	6.2200e-003	0.0000	6.2200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2408	1.6546	2.0710	4.2600e-003		0.0614	0.0614		0.0590	0.0590	0.0000	354.3775	354.3775	0.0791	0.0000	356.3550
Total	0.2408	1.6546	2.0710	4.2600e-003	0.0411	0.0614	0.1025	6.2200e-003	0.0590	0.0652	0.0000	354.3775	354.3775	0.0791	0.0000	356.3550

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0366	0.0268	0.2511	9.2000e-004	0.1262	6.7000e-004	0.1269	0.0335	6.2000e-004	0.0342	0.0000	83.2587	83.2587	1.7300e-003	0.0000	83.3019
Total	0.0366	0.0268	0.2511	9.2000e-004	0.1262	6.7000e-004	0.1269	0.0335	6.2000e-004	0.0342	0.0000	83.2587	83.2587	1.7300e-003	0.0000	83.3019

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.13 Dec-26 - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0411	0.0000	0.0411	6.2200e-003	0.0000	6.2200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0642	1.2723	2.4009	4.2600e-003		0.0295	0.0295		0.0295	0.0295	0.0000	354.3771	354.3771	0.0791	0.0000	356.3546
Total	0.0642	1.2723	2.4009	4.2600e-003	0.0411	0.0295	0.0705	6.2200e-003	0.0295	0.0357	0.0000	354.3771	354.3771	0.0791	0.0000	356.3546

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0366	0.0268	0.2511	9.2000e-004	0.1262	6.7000e-004	0.1269	0.0335	6.2000e-004	0.0342	0.0000	83.2587	83.2587	1.7300e-003	0.0000	83.3019
Total	0.0366	0.0268	0.2511	9.2000e-004	0.1262	6.7000e-004	0.1269	0.0335	6.2000e-004	0.0342	0.0000	83.2587	83.2587	1.7300e-003	0.0000	83.3019

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.13 Dec-26 - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.1600e-003	0.0000	2.1600e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.0871	0.1090	2.2000e-004		3.2300e-003	3.2300e-003		3.1000e-003	3.1000e-003	0.0000	18.6515	18.6515	4.1600e-003	0.0000	18.7555
Total	0.0127	0.0871	0.1090	2.2000e-004	2.1600e-003	3.2300e-003	5.3900e-003	3.3000e-004	3.1000e-003	3.4300e-003	0.0000	18.6515	18.6515	4.1600e-003	0.0000	18.7555

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8300e-003	1.2800e-003	0.0123	5.0000e-005	6.6400e-003	3.0000e-005	6.6800e-003	1.7700e-003	3.0000e-005	1.8000e-003	0.0000	4.2307	4.2307	8.0000e-005	0.0000	4.2328
Total	1.8300e-003	1.2800e-003	0.0123	5.0000e-005	6.6400e-003	3.0000e-005	6.6800e-003	1.7700e-003	3.0000e-005	1.8000e-003	0.0000	4.2307	4.2307	8.0000e-005	0.0000	4.2328

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.13 Dec-26 - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.1600e-003	0.0000	2.1600e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3800e-003	0.0670	0.1264	2.2000e-004		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	18.6514	18.6514	4.1600e-003	0.0000	18.7555
Total	3.3800e-003	0.0670	0.1264	2.2000e-004	2.1600e-003	1.5500e-003	3.7100e-003	3.3000e-004	1.5500e-003	1.8800e-003	0.0000	18.6514	18.6514	4.1600e-003	0.0000	18.7555

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8300e-003	1.2800e-003	0.0123	5.0000e-005	6.6400e-003	3.0000e-005	6.6800e-003	1.7700e-003	3.0000e-005	1.8000e-003	0.0000	4.2307	4.2307	8.0000e-005	0.0000	4.2328
Total	1.8300e-003	1.2800e-003	0.0123	5.0000e-005	6.6400e-003	3.0000e-005	6.6800e-003	1.7700e-003	3.0000e-005	1.8000e-003	0.0000	4.2307	4.2307	8.0000e-005	0.0000	4.2328

4.0 Operational Detail - Mobile

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Heavy Industry	13.00	13.00	13.00	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.602606	0.026011	0.198672	0.108173	0.017753	0.004949	0.012577	0.019761	0.002270	0.001100	0.004459	0.000730	0.000939

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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

7.0 Water Detail

7.1 Mitigation Measures Water

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

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

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

DCPP Decommissioning
San Luis Obispo County APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	0.00	1000sqft	585.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	3.2	Precipitation Freq (Days)	44
Climate Zone	4			Operational Year	2034
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Project Characteristics -

Land Use - Total lot acreage.

Construction Phase - 20 working days per month based on 4 day work week and 5 weeks per month.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Off-road Equipment - Data from PG&E equipment list for 2033.

Trips and VMT - Data from PG&E employee totals. Assumed 22 miles from downtown SLO to DCPP.

Demolition -

Grading -

Construction Off-road Equipment Mitigation - Scenario 2: Tier 4 Final for equipment HP>50, Tier 4 Interim for HP<50.

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	134.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	73.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	116.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	95.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	241.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	80.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	40.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	56.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	200.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	496.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	NumDays	600.00	20.00
tblConstructionPhase	PhaseEndDate	4/20/2035	1/28/2033
tblConstructionPhase	PhaseEndDate	12/31/2055	10/28/2033
tblConstructionPhase	PhaseEndDate	4/19/2058	11/28/2033
tblConstructionPhase	PhaseEndDate	8/6/2060	1/2/2034
tblConstructionPhase	PhaseEndDate	8/7/2037	2/28/2033
tblConstructionPhase	PhaseEndDate	11/25/2039	3/28/2033
tblConstructionPhase	PhaseEndDate	3/14/2042	4/28/2033
tblConstructionPhase	PhaseEndDate	7/1/2044	5/27/2033
tblConstructionPhase	PhaseEndDate	10/19/2046	6/28/2033
tblConstructionPhase	PhaseEndDate	2/5/2049	7/28/2033

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblConstructionPhase	PhaseEndDate	5/26/2051	8/26/2033
tblConstructionPhase	PhaseEndDate	9/12/2053	9/28/2033
tblConstructionPhase	PhaseStartDate	9/13/2053	10/1/2033
tblConstructionPhase	PhaseStartDate	1/1/2056	11/1/2033
tblConstructionPhase	PhaseStartDate	4/20/2058	12/6/2033
tblConstructionPhase	PhaseStartDate	4/21/2035	2/1/2033
tblConstructionPhase	PhaseStartDate	8/8/2037	3/1/2033
tblConstructionPhase	PhaseStartDate	11/26/2039	4/1/2033
tblConstructionPhase	PhaseStartDate	3/15/2042	5/1/2033
tblConstructionPhase	PhaseStartDate	7/2/2044	6/1/2033
tblConstructionPhase	PhaseStartDate	10/20/2046	7/1/2033
tblConstructionPhase	PhaseStartDate	2/6/2049	8/1/2033
tblConstructionPhase	PhaseStartDate	5/27/2051	9/1/2033
tblLandUse	LotAcreage	0.00	585.00
tblOffRoadEquipment	HorsePower	212.00	159.00
tblOffRoadEquipment	HorsePower	212.00	159.00
tblOffRoadEquipment	HorsePower	212.00	159.00
tblOffRoadEquipment	HorsePower	212.00	159.00
tblOffRoadEquipment	HorsePower	212.00	159.00
tblOffRoadEquipment	HorsePower	212.00	159.00
tblOffRoadEquipment	HorsePower	212.00	159.00
tblOffRoadEquipment	HorsePower	212.00	159.00
tblOffRoadEquipment	HorsePower	212.00	159.00
tblOffRoadEquipment	HorsePower	212.00	159.00
tblOffRoadEquipment	HorsePower	212.00	159.00
tblOffRoadEquipment	HorsePower	212.00	159.00
tblOffRoadEquipment	HorsePower	187.00	199.00
tblOffRoadEquipment	HorsePower	187.00	199.00

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	402.00	142.00
tbloffRoadEquipment	HorsePower	402.00	199.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	15.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	15.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	172.00	6.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	999.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	999.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	HorsePower	97.00	224.00
tbloffRoadEquipment	HorsePower	97.00	249.00
tbloffRoadEquipment	HorsePower	97.00	349.00
tbloffRoadEquipment	HorsePower	97.00	59.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	7.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	10.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	10.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	9.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	20.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	30.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	71.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	18.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Feb-33
tblOffRoadEquipment	PhaseName		Feb-33
tblOffRoadEquipment	PhaseName		Feb-33
tblOffRoadEquipment	PhaseName		Mar-33
tblOffRoadEquipment	PhaseName		Mar-33
tblOffRoadEquipment	PhaseName		Apr-33
tblOffRoadEquipment	PhaseName		Apr-33
tblOffRoadEquipment	PhaseName		Feb-33
tblOffRoadEquipment	PhaseName		Feb-33
tblOffRoadEquipment	PhaseName		Feb-33
tblOffRoadEquipment	PhaseName		Mar-33
tblOffRoadEquipment	PhaseName		Mar-33
tblOffRoadEquipment	PhaseName		Mar-33
tblOffRoadEquipment	PhaseName		Apr-33
tblOffRoadEquipment	PhaseName		Apr-33
tblOffRoadEquipment	PhaseName		Apr-33

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Feb-33

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Apr-33
tbloffRoadEquipment	PhaseName	Feb-33
tbloffRoadEquipment	PhaseName	Mar-33
tbloffRoadEquipment	PhaseName	Apr-33

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tbloffRoadEquipment	PhaseName		Apr-33
tbloffRoadEquipment	PhaseName		Apr-33
tbloffRoadEquipment	PhaseName		Apr-33
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	0.30
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	2.90
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	2.90
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	9.00
tbloffRoadEquipment	UsageHours	8.00	4.50
tbloffRoadEquipment	UsageHours	8.00	9.00

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	9.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	HaulingTripNumber	387.00	0.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripLength	13.00	22.00
tblTripsAndVMT	WorkerTripNumber	233.00	431.00
tblTripsAndVMT	WorkerTripNumber	338.00	436.00
tblTripsAndVMT	WorkerTripNumber	420.00	442.00
tblTripsAndVMT	WorkerTripNumber	323.00	426.00
tblTripsAndVMT	WorkerTripNumber	308.00	429.00
tblTripsAndVMT	WorkerTripNumber	425.00	517.00
tblTripsAndVMT	WorkerTripNumber	240.00	409.00
tblTripsAndVMT	WorkerTripNumber	305.00	425.00
tblTripsAndVMT	WorkerTripNumber	368.00	381.00
tblTripsAndVMT	WorkerTripNumber	368.00	406.00
tblTripsAndVMT	WorkerTripNumber	370.00	405.00
tblTripsAndVMT	WorkerTripNumber	345.00	397.00

2.0 Emissions Summary

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Jan-33	Demolition	1/3/2033	1/28/2033	5	20	
2	Feb-33	Demolition	2/1/2033	2/28/2033	5	20	
3	Mar-33	Demolition	3/1/2033	3/28/2033	5	20	
4	Apr-33	Demolition	4/1/2033	4/28/2033	5	20	
5	May-33	Demolition	5/1/2033	5/27/2033	5	20	
6	Jun-33	Demolition	6/1/2033	6/28/2033	5	20	
7	Jul-33	Demolition	7/1/2033	7/28/2033	5	20	
8	Aug-33	Demolition	8/1/2033	8/26/2033	5	20	
9	Sep-33	Demolition	9/1/2033	9/28/2033	5	20	
10	Oct-33	Demolition	10/1/2033	10/28/2033	5	20	
11	Nov-33	Demolition	11/1/2033	11/28/2033	5	20	
12	Dec-33	Demolition	12/6/2033	1/2/2034	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Jan-33	Air Compressors	3	9.00	78	0.48
Jan-33	Air Compressors	1	0.50	78	0.48
Jan-33	Air Compressors	1	0.10	78	0.48
Jan-33	Cranes	1	0.90	231	0.29

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Jan-33	Cranes	4	9.00	231	0.29
Jan-33	Cranes	1	0.90	231	0.29
Jan-33	Crawler Tractors	1	0.10	159	0.43
Jan-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Jan-33	Excavators	2	9.00	158	0.38
Jan-33	Excavators	4	9.00	158	0.38
Jan-33	Forklifts	1	3.60	89	0.20
Jan-33	Forklifts	1	3.60	89	0.20
Jan-33	Forklifts	4	9.00	89	0.20
Jan-33	Forklifts	2	9.00	89	0.20
Jan-33	Graders	1	1.80	199	0.41
Jan-33	Off-Highway Trucks	2	9.00	402	0.38
Jan-33	Off-Highway Trucks	8	9.00	402	0.38
Jan-33	Off-Highway Trucks	1	7.10	402	0.38
Jan-33	Off-Highway Trucks	1	7.20	402	0.38
Jan-33	Off-Highway Trucks	1	5.80	402	0.38
Jan-33	Off-Highway Trucks	1	0.10	402	0.38
Jan-33	Off-Highway Trucks	2	9.00	402	0.38
Jan-33	Off-Highway Trucks	1	9.00	142	0.38
Jan-33	Off-Highway Trucks	1	9.00	199	0.38
Jan-33	Off-Highway Trucks	1	3.10	142	0.38
Jan-33	Other Construction Equipment	4	9.00	6	0.42
Jan-33	Pumps	2	9.00	84	0.74
Jan-33	Pumps	1	5.80	84	0.74
Jan-33	Rollers	1	1.80	80	0.38
Jan-33	Rough Terrain Forklifts	1	9.00	100	0.40
Jan-33	Rough Terrain Forklifts	1	0.10	100	0.40

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Jan-33	Rough Terrain Forklifts	1	9.00	100	0.40
Jan-33	Skid Steer Loaders	4	9.00	65	0.37
Jan-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Jan-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Jan-33	Tractors/Loaders/Backhoes	4	9.00	349	0.37
Jan-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Jan-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Jan-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Jan-33	Welders	11	9.00	46	0.45
Jan-33	Welders	1	1.40	46	0.45
Jan-33	Welders	1	3.60	46	0.45
Feb-33	Air Compressors	1	0.10	78	0.48
Feb-33	Air Compressors	8	9.00	78	0.48
Feb-33	Air Compressors	1	5.80	78	0.48
Feb-33	Cranes	1	0.90	231	0.29
Feb-33	Cranes	4	9.00	231	0.29
Feb-33	Cranes	1	0.90	231	0.29
Feb-33	Crawler Tractors	1	0.10	212	0.43
Feb-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Feb-33	Excavators	1	2.90	158	0.38
Feb-33	Excavators	2	9.00	158	0.38
Feb-33	Excavators	4	9.00	158	0.38
Feb-33	Forklifts	1	3.60	89	0.20
Feb-33	Forklifts	4	9.00	89	0.20
Feb-33	Forklifts	2	9.00	89	0.20
Feb-33	Forklifts	1	3.60	89	0.20
Feb-33	Forklifts	1	2.10	89	0.20

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Feb-33	Graders	1	1.80	199	0.41
Feb-33	Off-Highway Trucks	2	9.00	402	0.38
Feb-33	Off-Highway Trucks	8	9.00	402	0.38
Feb-33	Off-Highway Trucks	1	7.10	402	0.38
Feb-33	Off-Highway Trucks	1	9.00	402	0.38
Feb-33	Off-Highway Trucks	1	7.20	402	0.38
Feb-33	Off-Highway Trucks	1	5.80	402	0.38
Feb-33	Off-Highway Trucks	1	2.20	402	0.38
Feb-33	Off-Highway Trucks	2	9.00	402	0.38
Feb-33	Off-Highway Trucks	1	9.00	142	0.38
Feb-33	Off-Highway Trucks	1	9.00	199	0.38
Feb-33	Off-Highway Trucks	1	4.90	402	0.38
Feb-33	Off-Highway Trucks	1	3.10	142	0.38
Feb-33	Other Construction Equipment	4	9.00	6	0.42
Feb-33	Pavers	1	3.10	130	0.42
Feb-33	Paving Equipment	1	3.10	132	0.36
Feb-33	Pumps	2	9.00	84	0.74
Feb-33	Pumps	1	5.80	84	0.74
Feb-33	Rollers	1	1.80	80	0.38
Feb-33	Rough Terrain Forklifts	1	9.00	100	0.40
Feb-33	Rough Terrain Forklifts	1	0.10	100	0.40
Feb-33	Rough Terrain Forklifts	1	9.00	100	0.40
Feb-33	Skid Steer Loaders	4	9.00	65	0.37
Feb-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Feb-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Feb-33	Tractors/Loaders/Backhoes	4	9.00	349	0.37
Feb-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Feb-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Feb-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Feb-33	Welders	30	9.00	46	0.45
Feb-33	Welders	1	6.80	46	0.45
Feb-33	Welders	1	3.60	46	0.45
Mar-33	Air Compressors	20	9.00	78	0.48
Mar-33	Air Compressors	1	1.80	78	0.48
Mar-33	Cranes	1	0.90	231	0.29
Mar-33	Cranes	4	9.00	231	0.29
Mar-33	Cranes	1	0.90	231	0.29
Mar-33	Crawler Tractors	1	0.10	159	0.43
Mar-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Mar-33	Excavators	1	2.90	158	0.38
Mar-33	Excavators	2	9.00	158	0.38
Mar-33	Excavators	4	9.00	158	0.38
Mar-33	Forklifts	1	3.60	89	0.20
Mar-33	Forklifts	4	9.00	89	0.20
Mar-33	Forklifts	2	9.00	89	0.20
Mar-33	Forklifts	1	3.60	89	0.20
Mar-33	Graders	1	1.80	199	0.41
Mar-33	Off-Highway Trucks	2	9.00	402	0.38
Mar-33	Off-Highway Trucks	8	9.00	402	0.38
Mar-33	Off-Highway Trucks	1	7.10	402	0.38
Mar-33	Off-Highway Trucks	1	9.00	402	0.38
Mar-33	Off-Highway Trucks	1	7.20	402	0.38
Mar-33	Off-Highway Trucks	1	5.80	402	0.38
Mar-33	Off-Highway Trucks	2	9.00	402	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Mar-33	Off-Highway Trucks	1	9.00	142	0.38
Mar-33	Off-Highway Trucks	1	9.00	199	0.38
Mar-33	Off-Highway Trucks	1	4.90	402	0.38
Mar-33	Off-Highway Trucks	1	3.10	142	0.38
Mar-33	Other Construction Equipment	4	9.00	6	0.42
Mar-33	Pavers	1	3.10	130	0.42
Mar-33	Paving Equipment	1	3.10	132	0.36
Mar-33	Rollers	1	1.80	80	0.38
Mar-33	Rough Terrain Forklifts	1	9.00	100	0.40
Mar-33	Rough Terrain Forklifts	1	0.10	100	0.40
Mar-33	Rough Terrain Forklifts	1	9.00	100	0.40
Mar-33	Skid Steer Loaders	4	9.00	65	0.37
Mar-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Mar-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Mar-33	Tractors/Loaders/Backhoes	4	9.00	349	0.37
Mar-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Mar-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Mar-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Mar-33	Welders	71	9.00	46	0.45
Mar-33	Welders	1	2.00	46	0.45
Mar-33	Welders	1	3.60	46	0.45
Apr-33	Air Compressors	5	9.00	78	0.48
Apr-33	Air Compressors	1	1.40	78	0.48
Apr-33	Cranes	1	0.90	231	0.29
Apr-33	Cranes	3	9.00	231	0.29
Apr-33	Cranes	1	4.50	231	0.29
Apr-33	Cranes	1	0.90	231	0.29

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Apr-33	Crawler Tractors	1	0.10	159	0.43
Apr-33	Crushing/Proc. Equipment	1	7.90	85	0.78
Apr-33	Excavators	2	9.00	158	0.38
Apr-33	Excavators	3	9.00	158	0.38
Apr-33	Excavators	1	4.50	158	0.38
Apr-33	Forklifts	1	3.60	89	0.20
Apr-33	Forklifts	4	9.00	89	0.20
Apr-33	Forklifts	2	9.00	89	0.20
Apr-33	Forklifts	1	3.60	89	0.20
Apr-33	Graders	1	1.80	199	0.41
Apr-33	Off-Highway Trucks	2	9.00	402	0.38
Apr-33	Off-Highway Trucks	7	9.00	402	0.38
Apr-33	Off-Highway Trucks	1	7.10	402	0.38
Apr-33	Off-Highway Trucks	1	7.20	402	0.38
Apr-33	Off-Highway Trucks	1	5.80	402	0.38
Apr-33	Off-Highway Trucks	1	9.00	402	0.38
Apr-33	Off-Highway Trucks	1	9.00	142	0.38
Apr-33	Off-Highway Trucks	1	7.90	199	0.38
Apr-33	Off-Highway Trucks	1	6.80	402	0.38
Apr-33	Off-Highway Trucks	1	3.10	142	0.38
Apr-33	Other Construction Equipment	3	9.00	6	0.42
Apr-33	Other Construction Equipment	1	4.50	6	0.42
Apr-33	Rollers	1	1.80	80	0.38
Apr-33	Rough Terrain Forklifts	1	9.00	100	0.40
Apr-33	Rough Terrain Forklifts	1	0.10	100	0.40
Apr-33	Rough Terrain Forklifts	1	9.00	100	0.40
Apr-33	Skid Steer Loaders	3	9.00	65	0.37

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Apr-33	Skid Steer Loaders	1	4.50	65	0.37
Apr-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Apr-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Apr-33	Tractors/Loaders/Backhoes	3	9.00	349	0.37
Apr-33	Tractors/Loaders/Backhoes	1	4.50	349	0.37
Apr-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Apr-33	Tractors/Loaders/Backhoes	3	9.00	97	0.37
Apr-33	Tractors/Loaders/Backhoes	1	4.50	97	0.37
Apr-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Apr-33	Welders	18	9.00	46	0.45
Apr-33	Welders	1	4.70	46	0.45
Apr-33	Welders	1	3.60	46	0.45
May-33	Air Compressors	11	9.00	78	0.48
May-33	Air Compressors	1	8.80	78	0.48
May-33	Cranes	1	0.90	231	0.29
May-33	Cranes	2	9.00	231	0.29
May-33	Cranes	1	0.90	231	0.29
May-33	Crawler Tractors	1	0.10	159	0.43
May-33	Crushing/Proc. Equipment	1	4.50	85	0.78
May-33	Excavators	2	9.00	158	0.38
May-33	Excavators	2	9.00	158	0.38
May-33	Forklifts	1	3.60	89	0.20
May-33	Forklifts	4	9.00	89	0.20
May-33	Forklifts	2	9.00	89	0.20
May-33	Forklifts	1	3.60	89	0.20
May-33	Graders	1	1.80	199	0.41
May-33	Off-Highway Trucks	2	9.00	402	0.38

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

May-33	Off-Highway Trucks	4	9.00	402	0.38
May-33	Off-Highway Trucks	1	7.10	402	0.38
May-33	Off-Highway Trucks	1	7.20	402	0.38
May-33	Off-Highway Trucks	1	5.80	402	0.38
May-33	Off-Highway Trucks	1	9.00	402	0.38
May-33	Off-Highway Trucks	1	9.00	142	0.38
May-33	Off-Highway Trucks	1	4.50	199	0.38
May-33	Off-Highway Trucks	1	3.10	142	0.38
May-33	Other Construction Equipment	2	9.00	6	0.42
May-33	Rollers	1	1.80	80	0.38
May-33	Rough Terrain Forklifts	1	9.00	100	0.40
May-33	Rough Terrain Forklifts	1	0.10	100	0.40
May-33	Rough Terrain Forklifts	1	9.00	100	0.40
May-33	Skid Steer Loaders	2	9.00	65	0.37
May-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
May-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
May-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
May-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
May-33	Tractors/Loaders/Backhoes	2	9.00	97	0.37
May-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
May-33	Welders	54	9.00	46	0.45
May-33	Welders	1	8.50	46	0.45
May-33	Welders	1	3.60	46	0.45
Jun-33	Air Compressors	16	9.00	78	0.48
Jun-33	Air Compressors	1	2.20	78	0.48
Jun-33	Cranes	1	0.90	231	0.29
Jun-33	Cranes	2	9.00	231	0.29

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Jun-33	Cranes	1	0.90	231	0.29
Jun-33	Crawler Tractors	1	0.10	159	0.43
Jun-33	Crushing/Proc. Equipment	1	4.50	85	0.78
Jun-33	Excavators	2	9.00	158	0.38
Jun-33	Excavators	2	9.00	158	0.38
Jun-33	Forklifts	1	3.60	89	0.20
Jun-33	Forklifts	4	9.00	89	0.20
Jun-33	Forklifts	2	9.00	89	0.20
Jun-33	Forklifts	1	3.60	89	0.20
Jun-33	Graders	1	1.80	199	0.41
Jun-33	Off-Highway Trucks	2	9.00	402	0.38
Jun-33	Off-Highway Trucks	4	9.00	402	0.38
Jun-33	Off-Highway Trucks	1	7.10	402	0.38
Jun-33	Off-Highway Trucks	1	7.20	402	0.38
Jun-33	Off-Highway Trucks	1	5.80	402	0.38
Jun-33	Off-Highway Trucks	1	9.00	142	0.38
Jun-33	Off-Highway Trucks	1	4.50	199	0.38
Jun-33	Off-Highway Trucks	1	9.00	402	0.38
Jun-33	Off-Highway Trucks	1	3.10	142	0.38
Jun-33	Other Construction Equipment	2	9.00	6	0.42
Jun-33	Rollers	1	1.80	80	0.38
Jun-33	Rough Terrain Forklifts	1	9.00	100	0.40
Jun-33	Rough Terrain Forklifts	1	0.10	100	0.40
Jun-33	Rough Terrain Forklifts	1	9.00	100	0.40
Jun-33	Skid Steer Loaders	2	9.00	65	0.37
Jun-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Jun-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Jun-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Jun-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Jun-33	Tractors/Loaders/Backhoes	2	9.00	97	0.37
Jun-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Jun-33	Welders	74	9.00	46	0.45
Jun-33	Welders	1	1.60	46	0.45
Jun-33	Welders	1	3.60	46	0.45
Jul-33	Air Compressors	11	9.00	78	0.48
Jul-33	Air Compressors	1	5.40	78	0.48
Jul-33	Air Compressors	2	9.00	78	0.48
Jul-33	Cranes	7	9.00	231	0.29
Jul-33	Crawler Tractors	1	0.10	159	0.43
Jul-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Jul-33	Crushing/Proc. Equipment	1	6.80	85	0.78
Jul-33	Excavators	2	9.00	158	0.38
Jul-33	Excavators	7	9.00	158	0.38
Jul-33	Forklifts	4	9.00	89	0.20
Jul-33	Forklifts	2	9.00	89	0.20
Jul-33	Graders	1	1.80	199	0.41
Jul-33	Off-Highway Trucks	2	9.00	402	0.38
Jul-33	Off-Highway Trucks	8	9.00	402	0.38
Jul-33	Off-Highway Trucks	1	7.10	402	0.38
Jul-33	Off-Highway Trucks	1	5.80	402	0.38
Jul-33	Off-Highway Trucks	3	9.00	402	0.38
Jul-33	Off-Highway Trucks	1	4.50	402	0.38
Jul-33	Off-Highway Trucks	1	9.00	142	0.38
Jul-33	Off-Highway Trucks	1	9.00	199	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Jul-33	Off-Highway Trucks	1	3.10	142	0.38
Jul-33	Off-Highway Trucks	1	6.80	199	0.38
Jul-33	Other Construction Equipment	7	9.00	6	0.42
Jul-33	Rollers	1	1.80	80	0.38
Jul-33	Rough Terrain Forklifts	1	9.00	100	0.40
Jul-33	Rough Terrain Forklifts	1	0.10	100	0.40
Jul-33	Rough Terrain Forklifts	1	9.00	100	0.40
Jul-33	Skid Steer Loaders	7	9.00	65	0.37
Jul-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Jul-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Jul-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Jul-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Jul-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Jul-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Jul-33	Welders	52	9.00	46	0.45
Jul-33	Welders	1	5.00	46	0.45
Aug-33	Air Compressors	10	9.00	78	0.48
Aug-33	Air Compressors	1	0.60	78	0.48
Aug-33	Cranes	7	9.00	231	0.29
Aug-33	Crawler Tractors	1	0.10	159	0.43
Aug-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Aug-33	Crushing/Proc. Equipment	1	6.80	85	0.78
Aug-33	Excavators	2	9.00	158	0.38
Aug-33	Excavators	7	9.00	158	0.38
Aug-33	Forklifts	1	7.20	89	0.20
Aug-33	Forklifts	4	9.00	89	0.20
Aug-33	Forklifts	2	9.00	89	0.20

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Aug-33	Forklifts	1	3.60	89	0.20
Aug-33	Graders	1	1.80	199	0.41
Aug-33	Off-Highway Trucks	2	9.00	402	0.38
Aug-33	Off-Highway Trucks	8	9.00	402	0.38
Aug-33	Off-Highway Trucks	1	7.10	402	0.38
Aug-33	Off-Highway Trucks	1	3.60	402	0.38
Aug-33	Off-Highway Trucks	1	5.80	402	0.38
Aug-33	Off-Highway Trucks	3	9.00	402	0.38
Aug-33	Off-Highway Trucks	1	4.50	402	0.38
Aug-33	Off-Highway Trucks	1	9.00	142	0.38
Aug-33	Off-Highway Trucks	1	9.00	199	0.38
Aug-33	Off-Highway Trucks	1	3.10	142	0.38
Aug-33	Off-Highway Trucks	1	6.80	199	0.38
Aug-33	Other Construction Equipment	7	9.00	6	0.42
Aug-33	Paving Equipment	1	0.20	132	0.36
Aug-33	Rollers	1	1.80	80	0.38
Aug-33	Rough Terrain Forklifts	1	9.00	100	0.40
Aug-33	Rough Terrain Forklifts	1	0.10	100	0.40
Aug-33	Rough Terrain Forklifts	1	9.00	100	0.40
Aug-33	Skid Steer Loaders	7	9.00	65	0.37
Aug-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Aug-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Aug-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Aug-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Aug-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Aug-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Aug-33	Welders	52	9.00	46	0.45

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Aug-33	Welders	1	1.90	46	0.45
Sep-33	Air Compressors	7	9.00	78	0.48
Sep-33	Air Compressors	1	6.30	78	0.48
Sep-33	Air Compressors	4	9.00	78	0.48
Sep-33	Cranes	7	9.00	231	0.29
Sep-33	Crawler Tractors	1	0.10	159	0.43
Sep-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Sep-33	Crushing/Proc. Equipment	1	6.80	85	0.78
Sep-33	Excavators	2	9.00	158	0.38
Sep-33	Excavators	7	9.00	158	0.38
Sep-33	Forklifts	1	7.20	89	0.20
Sep-33	Forklifts	4	9.00	89	0.20
Sep-33	Forklifts	2	9.00	89	0.20
Sep-33	Forklifts	1	3.60	89	0.20
Sep-33	Generator Sets	1	4.50	84	0.74
Sep-33	Graders	1	1.80	199	0.41
Sep-33	Off-Highway Trucks	2	9.00	402	0.38
Sep-33	Off-Highway Trucks	8	9.00	402	0.38
Sep-33	Off-Highway Trucks	1	7.10	402	0.38
Sep-33	Off-Highway Trucks	1	3.60	402	0.38
Sep-33	Off-Highway Trucks	1	5.80	402	0.38
Sep-33	Off-Highway Trucks	1	4.50	402	0.38
Sep-33	Off-Highway Trucks	3	9.00	402	0.38
Sep-33	Off-Highway Trucks	1	4.50	402	0.38
Sep-33	Off-Highway Trucks	1	9.00	142	0.38
Sep-33	Off-Highway Trucks	1	9.00	199	0.38
Sep-33	Off-Highway Trucks	1	3.10	142	0.38

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Sep-33	Off-Highway Trucks	1	6.80	199	0.38
Sep-33	Other Construction Equipment	7	9.00	6	0.42
Sep-33	Paving Equipment	1	0.20	132	0.36
Sep-33	Rollers	1	1.80	80	0.38
Sep-33	Rough Terrain Forklifts	1	9.00	100	0.40
Sep-33	Rough Terrain Forklifts	1	0.10	100	0.40
Sep-33	Rough Terrain Forklifts	1	9.00	100	0.40
Sep-33	Skid Steer Loaders	7	9.00	65	0.37
Sep-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Sep-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Sep-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Sep-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Sep-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Sep-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Sep-33	Welders	39	9.00	46	0.45
Sep-33	Welders	1	8.30	46	0.45
Oct-33	Air Compressors	6	9.00	78	0.48
Oct-33	Air Compressors	1	8.20	78	0.48
Oct-33	Air Compressors	4	9.00	78	0.48
Oct-33	Cranes	7	9.00	231	0.29
Oct-33	Crawler Tractors	1	0.10	159	0.43
Oct-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Oct-33	Crushing/Proc. Equipment	1	6.80	85	0.78
Oct-33	Excavators	2	9.00	158	0.38
Oct-33	Excavators	7	9.00	158	0.38
Oct-33	Forklifts	1	7.20	89	0.20
Oct-33	Forklifts	4	9.00	89	0.20

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Oct-33	Forklifts	2	9.00	89	0.20
Oct-33	Forklifts	1	3.60	89	0.20
Oct-33	Generator Sets	1	4.50	84	0.74
Oct-33	Generator Sets	1	0.20	84	0.74
Oct-33	Graders	1	1.80	199	0.41
Oct-33	Off-Highway Trucks	2	9.00	402	0.38
Oct-33	Off-Highway Trucks	8	9.00	402	0.38
Oct-33	Off-Highway Trucks	1	7.10	402	0.38
Oct-33	Off-Highway Trucks	1	3.60	402	0.38
Oct-33	Off-Highway Trucks	1	5.80	402	0.38
Oct-33	Off-Highway Trucks	1	4.50	402	0.38
Oct-33	Off-Highway Trucks	3	9.00	402	0.38
Oct-33	Off-Highway Trucks	1	4.50	402	0.38
Oct-33	Off-Highway Trucks	1	9.00	142	0.38
Oct-33	Off-Highway Trucks	1	9.00	199	0.38
Oct-33	Off-Highway Trucks	1	3.10	142	0.38
Oct-33	Off-Highway Trucks	1	6.80	199	0.38
Oct-33	Other Construction Equipment	7	9.00	6	0.42
Oct-33	Paving Equipment	1	0.20	132	0.36
Oct-33	Rollers	1	1.80	80	0.38
Oct-33	Rough Terrain Forklifts	1	9.00	100	0.40
Oct-33	Rough Terrain Forklifts	1	0.20	100	0.40
Oct-33	Rough Terrain Forklifts	1	9.00	100	0.40
Oct-33	Skid Steer Loaders	7	9.00	65	0.37
Oct-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Oct-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Oct-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Oct-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Oct-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Oct-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Oct-33	Welders	35	9.00	46	0.45
Oct-33	Welders	1	7.40	46	0.45
Oct-33	Welders	1	0.70	46	0.45
Nov-33	Aerial Lifts	1	9.00	63	0.31
Nov-33	Air Compressors	8	9.00	78	0.48
Nov-33	Air Compressors	1	0.90	78	0.48
Nov-33	Air Compressors	3	9.00	78	0.48
Nov-33	Cranes	6	9.00	231	0.29
Nov-33	Cranes	1	9.00	231	0.29
Nov-33	Crawler Tractors	1	0.10	159	0.43
Nov-33	Crushing/Proc. Equipment	1	9.00	85	0.78
Nov-33	Crushing/Proc. Equipment	1	4.50	85	0.78
Nov-33	Excavators	2	9.00	158	0.38
Nov-33	Excavators	2	9.00	158	0.38
Nov-33	Excavators	10	9.00	158	0.38
Nov-33	Excavators	1	0.30	158	0.38
Nov-33	Excavators	6	9.00	158	0.38
Nov-33	Forklifts	1	7.20	89	0.20
Nov-33	Forklifts	4	9.00	89	0.20
Nov-33	Forklifts	2	9.00	89	0.20
Nov-33	Forklifts	1	3.60	89	0.20
Nov-33	Generator Sets	1	9.00	84	0.74
Nov-33	Generator Sets	1	4.50	84	0.74
Nov-33	Generator Sets	1	0.20	84	0.74

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Nov-33	Graders	1	1.80	199	0.41
Nov-33	Off-Highway Trucks	2	9.00	402	0.38
Nov-33	Off-Highway Trucks	8	9.00	402	0.38
Nov-33	Off-Highway Trucks	1	0.30	402	0.38
Nov-33	Off-Highway Trucks	1	7.10	402	0.38
Nov-33	Off-Highway Trucks	1	3.60	402	0.38
Nov-33	Off-Highway Trucks	1	5.80	402	0.38
Nov-33	Off-Highway Trucks	1	4.50	402	0.38
Nov-33	Off-Highway Trucks	2	9.00	402	0.38
Nov-33	Off-Highway Trucks	3	9.00	402	0.38
Nov-33	Off-Highway Trucks	1	9.00	142	0.38
Nov-33	Off-Highway Trucks	1	15.00	199	0.38
Nov-33	Off-Highway Trucks	1	3.10	142	0.38
Nov-33	Off-Highway Trucks	1	4.50	199	0.38
Nov-33	Other Construction Equipment	1	9.00	6	0.42
Nov-33	Other Construction Equipment	6	9.00	6	0.42
Nov-33	Other Construction Equipment	5	9.00	15	0.42
Nov-33	Other Construction Equipment	1	9.00	6	0.42
Nov-33	Pavers	1	0.90	130	0.42
Nov-33	Paving Equipment	1	0.20	132	0.36
Nov-33	Paving Equipment	1	0.30	132	0.36
Nov-33	Pumps	1	9.00	84	0.74
Nov-33	Rollers	1	1.80	80	0.38
Nov-33	Rough Terrain Forklifts	1	9.00	100	0.40
Nov-33	Rough Terrain Forklifts	1	0.70	100	0.40
Nov-33	Rough Terrain Forklifts	2	9.00	100	0.40
Nov-33	Rough Terrain Forklifts	1	9.00	100	0.40

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

Nov-33	Skid Steer Loaders	4	9.00	65	0.37
Nov-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Nov-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Nov-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Nov-33	Tractors/Loaders/Backhoes	2	9.00	999	0.37
Nov-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Nov-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Nov-33	Tractors/Loaders/Backhoes	1	3.70	97	0.37
Nov-33	Welders	41	9.00	46	0.45
Nov-33	Welders	1	8.60	46	0.45
Nov-33	Welders	1	0.70	46	0.45
Dec-33	Aerial Lifts	1	9.00	63	0.31
Dec-33	Air Compressors	3	9.00	78	0.48
Dec-33	Cranes	4	9.00	231	0.29
Dec-33	Cranes	1	9.00	231	0.29
Dec-33	Cranes	1	9.00	231	0.29
Dec-33	Crawler Tractors	1	0.10	159	0.43
Dec-33	Crushing/Proc. Equipment	3	9.00	85	0.78
Dec-33	Crushing/Proc. Equipment	1	4.50	85	0.78
Dec-33	Excavators	2	9.00	158	0.38
Dec-33	Excavators	2	9.00	158	0.38
Dec-33	Excavators	10	9.00	158	0.38
Dec-33	Excavators	2	9.00	158	0.38
Dec-33	Excavators	9	9.00	158	0.38
Dec-33	Forklifts	1	7.20	89	0.20
Dec-33	Forklifts	4	9.00	89	0.20
Dec-33	Forklifts	2	9.00	89	0.20

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Dec-33	Forklifts	1	3.60	89	0.20
Dec-33	Generator Sets	1	9.00	84	0.74
Dec-33	Generator Sets	1	4.50	84	0.74
Dec-33	Graders	1	1.80	199	0.41
Dec-33	Off-Highway Trucks	2	9.00	402	0.38
Dec-33	Off-Highway Trucks	8	9.00	402	0.38
Dec-33	Off-Highway Trucks	1	7.10	402	0.38
Dec-33	Off-Highway Trucks	1	3.60	402	0.38
Dec-33	Off-Highway Trucks	2	5.80	402	0.38
Dec-33	Off-Highway Trucks	1	4.50	402	0.38
Dec-33	Off-Highway Trucks	2	9.00	402	0.38
Dec-33	Off-Highway Trucks	6	9.00	402	0.38
Dec-33	Off-Highway Trucks	1	9.00	142	0.38
Dec-33	Off-Highway Trucks	3	9.00	199	0.38
Dec-33	Off-Highway Trucks	1	4.50	199	0.38
Dec-33	Off-Highway Trucks	1	3.10	142	0.38
Dec-33	Other Construction Equipment	1	9.00	6	0.42
Dec-33	Other Construction Equipment	12	9.00	6	0.42
Dec-33	Other Construction Equipment	5	9.00	15	0.42
Dec-33	Other Construction Equipment	1	9.00	6	0.42
Dec-33	Paving Equipment	1	0.20	132	0.36
Dec-33	Pumps	1	9.00	84	0.74
Dec-33	Rollers	1	1.80	80	0.38
Dec-33	Rough Terrain Forklifts	1	9.00	100	0.40
Dec-33	Rough Terrain Forklifts	1	0.10	100	0.40
Dec-33	Rough Terrain Forklifts	2	9.00	100	0.40
Dec-33	Rough Terrain Forklifts	1	9.00	100	0.40

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

Dec-33	Skid Steer Loaders	4	9.00	65	0.37
Dec-33	Tractors/Loaders/Backhoes	1	0.20	224	0.37
Dec-33	Tractors/Loaders/Backhoes	7	9.00	249	0.37
Dec-33	Tractors/Loaders/Backhoes	2	9.00	349	0.37
Dec-33	Tractors/Loaders/Backhoes	2	9.00	999	0.37
Dec-33	Tractors/Loaders/Backhoes	1	9.00	59	0.37
Dec-33	Tractors/Loaders/Backhoes	4	9.00	97	0.37
Dec-33	Tractors/Loaders/Backhoes	1	3.70	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
Jan-33	93	431.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Feb-33	123	429.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Mar-33	170	517.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Apr-33	96	409.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
May-33	122	425.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Jun-33	147	381.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Jul-33	147	406.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Aug-33	148	405.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Sep-33	138	397.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Oct-33	135	436.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Nov-33	168	442.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Dec-33	129	426.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.2 Jan-33 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2344	0.8220	1.9154	5.8400e-003		0.0219	0.0219		0.0219	0.0219	0.0000	534.4626	534.4626	0.0188	0.0000	534.9315
Total	0.2344	0.8220	1.9154	5.8400e-003	0.0432	0.0219	0.0651	6.5500e-003	0.0219	0.0284	0.0000	534.4626	534.4626	0.0188	0.0000	534.9315

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0125	7.7800e-003	0.0865	4.2000e-004	0.0702	2.3000e-004	0.0704	0.0187	2.1000e-004	0.0189	0.0000	38.3902	38.3902	4.8000e-004	0.0000	38.4023
Total	0.0125	7.7800e-003	0.0865	4.2000e-004	0.0702	2.3000e-004	0.0704	0.0187	2.1000e-004	0.0189	0.0000	38.3902	38.3902	4.8000e-004	0.0000	38.4023

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.2 Jan-33 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0663	0.5307	2.7424	5.8400e-003		0.0140	0.0140		0.0140	0.0140	0.0000	534.4620	534.4620	0.0188	0.0000	534.9308
Total	0.0663	0.5307	2.7424	5.8400e-003	0.0432	0.0140	0.0572	6.5500e-003	0.0140	0.0205	0.0000	534.4620	534.4620	0.0188	0.0000	534.9308

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0125	7.7800e-003	0.0865	4.2000e-004	0.0702	2.3000e-004	0.0704	0.0187	2.1000e-004	0.0189	0.0000	38.3902	38.3902	4.8000e-004	0.0000	38.4023
Total	0.0125	7.7800e-003	0.0865	4.2000e-004	0.0702	2.3000e-004	0.0704	0.0187	2.1000e-004	0.0189	0.0000	38.3902	38.3902	4.8000e-004	0.0000	38.4023

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.3 Feb-33 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2962	1.1950	2.5177	6.9900e-003		0.0287	0.0287		0.0287	0.0287	0.0000	631.1782	631.1782	0.0237	0.0000	631.7713
Total	0.2962	1.1950	2.5177	6.9900e-003	0.0432	0.0287	0.0719	6.5500e-003	0.0287	0.0352	0.0000	631.1782	631.1782	0.0237	0.0000	631.7713

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	7.7400e-003	0.0861	4.2000e-004	0.0699	2.3000e-004	0.0701	0.0186	2.1000e-004	0.0188	0.0000	38.2120	38.2120	4.8000e-004	0.0000	38.2241
Total	0.0124	7.7400e-003	0.0861	4.2000e-004	0.0699	2.3000e-004	0.0701	0.0186	2.1000e-004	0.0188	0.0000	38.2120	38.2120	4.8000e-004	0.0000	38.2241

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.3 Feb-33 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0824	0.9248	3.3875	6.9900e-003		0.0251	0.0251		0.0251	0.0251	0.0000	631.1775	631.1775	0.0237	0.0000	631.7706
Total	0.0824	0.9248	3.3875	6.9900e-003	0.0432	0.0251	0.0684	6.5500e-003	0.0251	0.0317	0.0000	631.1775	631.1775	0.0237	0.0000	631.7706

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	7.7400e-003	0.0861	4.2000e-004	0.0699	2.3000e-004	0.0701	0.0186	2.1000e-004	0.0188	0.0000	38.2120	38.2120	4.8000e-004	0.0000	38.2241
Total	0.0124	7.7400e-003	0.0861	4.2000e-004	0.0699	2.3000e-004	0.0701	0.0186	2.1000e-004	0.0188	0.0000	38.2120	38.2120	4.8000e-004	0.0000	38.2241

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.4 Mar-33 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3854	1.8284	3.4372	8.4300e-003		0.0384	0.0384		0.0384	0.0384	0.0000	739.9940	739.9940	0.0309	0.0000	740.7664
Total	0.3854	1.8284	3.4372	8.4300e-003	0.0432	0.0384	0.0816	6.5500e-003	0.0384	0.0449	0.0000	739.9940	739.9940	0.0309	0.0000	740.7664

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0150	9.3300e-003	0.1038	5.1000e-004	0.0842	2.7000e-004	0.0845	0.0224	2.5000e-004	0.0226	0.0000	46.0504	46.0504	5.8000e-004	0.0000	46.0649
Total	0.0150	9.3300e-003	0.1038	5.1000e-004	0.0842	2.7000e-004	0.0845	0.0224	2.5000e-004	0.0226	0.0000	46.0504	46.0504	5.8000e-004	0.0000	46.0649

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.4 Mar-33 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1051	1.6927	4.2464	8.4300e-003		0.0468	0.0468		0.0468	0.0468	0.0000	739.9932	739.9932	0.0309	0.0000	740.7655
Total	0.1051	1.6927	4.2464	8.4300e-003	0.0432	0.0468	0.0900	6.5500e-003	0.0468	0.0533	0.0000	739.9932	739.9932	0.0309	0.0000	740.7655

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0150	9.3300e-003	0.1038	5.1000e-004	0.0842	2.7000e-004	0.0845	0.0224	2.5000e-004	0.0226	0.0000	46.0504	46.0504	5.8000e-004	0.0000	46.0649
Total	0.0150	9.3300e-003	0.1038	5.1000e-004	0.0842	2.7000e-004	0.0845	0.0224	2.5000e-004	0.0226	0.0000	46.0504	46.0504	5.8000e-004	0.0000	46.0649

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.5 Apr-33 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2300	0.8490	1.8808	5.5500e-003		0.0213	0.0213		0.0213	0.0213	0.0000	503.5561	503.5561	0.0184	0.0000	504.0163
Total	0.2300	0.8490	1.8808	5.5500e-003	0.0432	0.0213	0.0645	6.5500e-003	0.0213	0.0278	0.0000	503.5561	503.5561	0.0184	0.0000	504.0163

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0119	7.3800e-003	0.0821	4.0000e-004	0.0666	2.2000e-004	0.0668	0.0177	2.0000e-004	0.0179	0.0000	36.4306	36.4306	4.6000e-004	0.0000	36.4421
Total	0.0119	7.3800e-003	0.0821	4.0000e-004	0.0666	2.2000e-004	0.0668	0.0177	2.0000e-004	0.0179	0.0000	36.4306	36.4306	4.6000e-004	0.0000	36.4421

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.5 Apr-33 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0644	0.6391	2.6226	5.5500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	503.5555	503.5555	0.0184	0.0000	504.0157
Total	0.0644	0.6391	2.6226	5.5500e-003	0.0432	0.0171	0.0604	6.5500e-003	0.0171	0.0237	0.0000	503.5555	503.5555	0.0184	0.0000	504.0157

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0119	7.3800e-003	0.0821	4.0000e-004	0.0666	2.2000e-004	0.0668	0.0177	2.0000e-004	0.0179	0.0000	36.4306	36.4306	4.6000e-004	0.0000	36.4421
Total	0.0119	7.3800e-003	0.0821	4.0000e-004	0.0666	2.2000e-004	0.0668	0.0177	2.0000e-004	0.0179	0.0000	36.4306	36.4306	4.6000e-004	0.0000	36.4421

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.6 May-33 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2631	1.2921	2.3791	5.7000e-003		0.0259	0.0259		0.0259	0.0259	0.0000	493.7482	493.7482	0.0211	0.0000	494.2758
Total	0.2631	1.2921	2.3791	5.7000e-003	0.0432	0.0259	0.0691	6.5500e-003	0.0259	0.0324	0.0000	493.7482	493.7482	0.0211	0.0000	494.2758

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0123	7.6700e-003	0.0853	4.2000e-004	0.0692	2.2000e-004	0.0694	0.0184	2.1000e-004	0.0186	0.0000	37.8557	37.8557	4.8000e-004	0.0000	37.8677
Total	0.0123	7.6700e-003	0.0853	4.2000e-004	0.0692	2.2000e-004	0.0694	0.0184	2.1000e-004	0.0186	0.0000	37.8557	37.8557	4.8000e-004	0.0000	37.8677

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.6 May-33 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0719	1.2583	2.8816	5.7000e-003		0.0349	0.0349		0.0349	0.0349	0.0000	493.7476	493.7476	0.0211	0.0000	494.2752
Total	0.0719	1.2583	2.8816	5.7000e-003	0.0432	0.0349	0.0782	6.5500e-003	0.0349	0.0415	0.0000	493.7476	493.7476	0.0211	0.0000	494.2752

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0123	7.6700e-003	0.0853	4.2000e-004	0.0692	2.2000e-004	0.0694	0.0184	2.1000e-004	0.0186	0.0000	37.8557	37.8557	4.8000e-004	0.0000	37.8677
Total	0.0123	7.6700e-003	0.0853	4.2000e-004	0.0692	2.2000e-004	0.0694	0.0184	2.1000e-004	0.0186	0.0000	37.8557	37.8557	4.8000e-004	0.0000	37.8677

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.7 Jun-33 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3070	1.6054	2.8407	6.4400e-003		0.0307	0.0307		0.0307	0.0307	0.0000	550.8153	550.8153	0.0246	0.0000	551.4311
Total	0.3070	1.6054	2.8407	6.4400e-003	0.0432	0.0307	0.0740	6.5500e-003	0.0307	0.0373	0.0000	550.8153	550.8153	0.0246	0.0000	551.4311

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	6.8800e-003	0.0765	3.7000e-004	0.0621	2.0000e-004	0.0623	0.0165	1.8000e-004	0.0167	0.0000	33.9365	33.9365	4.3000e-004	0.0000	33.9473
Total	0.0110	6.8800e-003	0.0765	3.7000e-004	0.0621	2.0000e-004	0.0623	0.0165	1.8000e-004	0.0167	0.0000	33.9365	33.9365	4.3000e-004	0.0000	33.9473

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.7 Jun-33 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0833	1.6260	3.3228	6.4400e-003		0.0453	0.0453		0.0453	0.0453	0.0000	550.8146	550.8146	0.0246	0.0000	551.4304
Total	0.0833	1.6260	3.3228	6.4400e-003	0.0432	0.0453	0.0885	6.5500e-003	0.0453	0.0519	0.0000	550.8146	550.8146	0.0246	0.0000	551.4304

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	6.8800e-003	0.0765	3.7000e-004	0.0621	2.0000e-004	0.0623	0.0165	1.8000e-004	0.0167	0.0000	33.9365	33.9365	4.3000e-004	0.0000	33.9473
Total	0.0110	6.8800e-003	0.0765	3.7000e-004	0.0621	2.0000e-004	0.0623	0.0165	1.8000e-004	0.0167	0.0000	33.9365	33.9365	4.3000e-004	0.0000	33.9473

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.8 Jul-33 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3439	1.5351	3.0545	7.7400e-003		0.0338	0.0338		0.0338	0.0338	0.0000	684.4309	684.4309	0.0276	0.0000	685.1203
Total	0.3439	1.5351	3.0545	7.7400e-003	0.0432	0.0338	0.0770	6.5500e-003	0.0338	0.0404	0.0000	684.4309	684.4309	0.0276	0.0000	685.1203

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0118	7.3300e-003	0.0815	4.0000e-004	0.0661	2.1000e-004	0.0663	0.0176	2.0000e-004	0.0178	0.0000	36.1634	36.1634	4.6000e-004	0.0000	36.1748
Total	0.0118	7.3300e-003	0.0815	4.0000e-004	0.0661	2.1000e-004	0.0663	0.0176	2.0000e-004	0.0178	0.0000	36.1634	36.1634	4.6000e-004	0.0000	36.1748

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.8 Jul-33 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0947	1.3639	3.8532	7.7400e-003		0.0365	0.0365		0.0365	0.0365	0.0000	684.4301	684.4301	0.0276	0.0000	685.1195
Total	0.0947	1.3639	3.8532	7.7400e-003	0.0432	0.0365	0.0797	6.5500e-003	0.0365	0.0431	0.0000	684.4301	684.4301	0.0276	0.0000	685.1195

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0118	7.3300e-003	0.0815	4.0000e-004	0.0661	2.1000e-004	0.0663	0.0176	2.0000e-004	0.0178	0.0000	36.1634	36.1634	4.6000e-004	0.0000	36.1748
Total	0.0118	7.3300e-003	0.0815	4.0000e-004	0.0661	2.1000e-004	0.0663	0.0176	2.0000e-004	0.0178	0.0000	36.1634	36.1634	4.6000e-004	0.0000	36.1748

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.9 Aug-33 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3402	1.4976	2.9832	7.6600e-003		0.0330	0.0330		0.0330	0.0330	0.0000	678.7129	678.7129	0.0273	0.0000	679.3951
Total	0.3402	1.4976	2.9832	7.6600e-003	0.0432	0.0330	0.0762	6.5500e-003	0.0330	0.0395	0.0000	678.7129	678.7129	0.0273	0.0000	679.3951

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0117	7.3100e-003	0.0813	4.0000e-004	0.0660	2.1000e-004	0.0662	0.0175	2.0000e-004	0.0177	0.0000	36.0743	36.0743	4.6000e-004	0.0000	36.0857
Total	0.0117	7.3100e-003	0.0813	4.0000e-004	0.0660	2.1000e-004	0.0662	0.0175	2.0000e-004	0.0177	0.0000	36.0743	36.0743	4.6000e-004	0.0000	36.0857

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.9 Aug-33 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0939	1.3549	3.7934	7.6600e-003		0.0362	0.0362		0.0362	0.0362	0.0000	678.7121	678.7121	0.0273	0.0000	679.3943
Total	0.0939	1.3549	3.7934	7.6600e-003	0.0432	0.0362	0.0795	6.5500e-003	0.0362	0.0428	0.0000	678.7121	678.7121	0.0273	0.0000	679.3943

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0117	7.3100e-003	0.0813	4.0000e-004	0.0660	2.1000e-004	0.0662	0.0175	2.0000e-004	0.0177	0.0000	36.0743	36.0743	4.6000e-004	0.0000	36.0857
Total	0.0117	7.3100e-003	0.0813	4.0000e-004	0.0660	2.1000e-004	0.0662	0.0175	2.0000e-004	0.0177	0.0000	36.0743	36.0743	4.6000e-004	0.0000	36.0857

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.10 Sep-33 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3251	1.3704	2.8430	7.4900e-003		0.0317	0.0317		0.0317	0.0317	0.0000	669.9394	669.9394	0.0261	0.0000	670.5909
Total	0.3251	1.3704	2.8430	7.4900e-003	0.0432	0.0317	0.0749	6.5500e-003	0.0317	0.0382	0.0000	669.9394	669.9394	0.0261	0.0000	670.5909

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0115	7.1700e-003	0.0797	3.9000e-004	0.0647	2.1000e-004	0.0649	0.0172	1.9000e-004	0.0174	0.0000	35.3617	35.3617	4.5000e-004	0.0000	35.3729
Total	0.0115	7.1700e-003	0.0797	3.9000e-004	0.0647	2.1000e-004	0.0649	0.0172	1.9000e-004	0.0174	0.0000	35.3617	35.3617	4.5000e-004	0.0000	35.3729

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.10 Sep-33 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0899	1.1340	3.6875	7.4900e-003		0.0300	0.0300		0.0300	0.0300	0.0000	669.9386	669.9386	0.0261	0.0000	670.5901
Total	0.0899	1.1340	3.6875	7.4900e-003	0.0432	0.0300	0.0733	6.5500e-003	0.0300	0.0366	0.0000	669.9386	669.9386	0.0261	0.0000	670.5901

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0115	7.1700e-003	0.0797	3.9000e-004	0.0647	2.1000e-004	0.0649	0.0172	1.9000e-004	0.0174	0.0000	35.3617	35.3617	4.5000e-004	0.0000	35.3729
Total	0.0115	7.1700e-003	0.0797	3.9000e-004	0.0647	2.1000e-004	0.0649	0.0172	1.9000e-004	0.0174	0.0000	35.3617	35.3617	4.5000e-004	0.0000	35.3729

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.11 Oct-33 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3162	1.3068	2.7505	7.3400e-003		0.0307	0.0307		0.0307	0.0307	0.0000	658.5878	658.5878	0.0253	0.0000	659.2214
Total	0.3162	1.3068	2.7505	7.3400e-003	0.0432	0.0307	0.0739	6.5500e-003	0.0307	0.0373	0.0000	658.5878	658.5878	0.0253	0.0000	659.2214

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0126	7.8700e-003	0.0875	4.3000e-004	0.0710	2.3000e-004	0.0712	0.0189	2.1000e-004	0.0191	0.0000	38.8355	38.8355	4.9000e-004	0.0000	38.8478
Total	0.0126	7.8700e-003	0.0875	4.3000e-004	0.0710	2.3000e-004	0.0712	0.0189	2.1000e-004	0.0191	0.0000	38.8355	38.8355	4.9000e-004	0.0000	38.8478

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.11 Oct-33 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0876	1.0574	3.5994	7.3400e-003		0.0279	0.0279		0.0279	0.0279	0.0000	658.5870	658.5870	0.0253	0.0000	659.2206
Total	0.0876	1.0574	3.5994	7.3400e-003	0.0432	0.0279	0.0711	6.5500e-003	0.0279	0.0344	0.0000	658.5870	658.5870	0.0253	0.0000	659.2206

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0126	7.8700e-003	0.0875	4.3000e-004	0.0710	2.3000e-004	0.0712	0.0189	2.1000e-004	0.0191	0.0000	38.8355	38.8355	4.9000e-004	0.0000	38.8478
Total	0.0126	7.8700e-003	0.0875	4.3000e-004	0.0710	2.3000e-004	0.0712	0.0189	2.1000e-004	0.0191	0.0000	38.8355	38.8355	4.9000e-004	0.0000	38.8478

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.12 Nov-33 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3780	1.5625	3.4877	8.8100e-003		0.0382	0.0382		0.0382	0.0382	0.0000	785.4154	785.4154	0.0303	0.0000	786.1738
Total	0.3780	1.5625	3.4877	8.8100e-003	0.0432	0.0382	0.0814	6.5500e-003	0.0382	0.0447	0.0000	785.4154	785.4154	0.0303	0.0000	786.1738

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0128	7.9800e-003	0.0887	4.3000e-004	0.0720	2.3000e-004	0.0722	0.0191	2.1000e-004	0.0193	0.0000	39.3700	39.3700	5.0000e-004	0.0000	39.3824
Total	0.0128	7.9800e-003	0.0887	4.3000e-004	0.0720	2.3000e-004	0.0722	0.0191	2.1000e-004	0.0193	0.0000	39.3700	39.3700	5.0000e-004	0.0000	39.3824

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.12 Nov-33 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1028	1.2017	4.4158	8.8100e-003		0.0328	0.0328		0.0328	0.0328	0.0000	785.4145	785.4145	0.0303	0.0000	786.1728
Total	0.1028	1.2017	4.4158	8.8100e-003	0.0432	0.0328	0.0761	6.5500e-003	0.0328	0.0394	0.0000	785.4145	785.4145	0.0303	0.0000	786.1728

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0128	7.9800e-003	0.0887	4.3000e-004	0.0720	2.3000e-004	0.0722	0.0191	2.1000e-004	0.0193	0.0000	39.3700	39.3700	5.0000e-004	0.0000	39.3824
Total	0.0128	7.9800e-003	0.0887	4.3000e-004	0.0720	2.3000e-004	0.0722	0.0191	2.1000e-004	0.0193	0.0000	39.3700	39.3700	5.0000e-004	0.0000	39.3824

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.13 Dec-33 - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0411	0.0000	0.0411	6.2200e-003	0.0000	6.2200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3142	0.9769	2.7923	7.9300e-003		0.0309	0.0309		0.0309	0.0309	0.0000	731.2707	731.2707	0.0252	0.0000	731.9002
Total	0.3142	0.9769	2.7923	7.9300e-003	0.0411	0.0309	0.0720	6.2200e-003	0.0309	0.0371	0.0000	731.2707	731.2707	0.0252	0.0000	731.9002

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0117	7.3100e-003	0.0812	4.0000e-004	0.0659	2.1000e-004	0.0661	0.0175	2.0000e-004	0.0177	0.0000	36.0476	36.0476	4.6000e-004	0.0000	36.0589
Total	0.0117	7.3100e-003	0.0812	4.0000e-004	0.0659	2.1000e-004	0.0661	0.0175	2.0000e-004	0.0177	0.0000	36.0476	36.0476	4.6000e-004	0.0000	36.0589

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.13 Dec-33 - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0411	0.0000	0.0411	6.2200e-003	0.0000	6.2200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0859	0.4298	3.8465	7.9300e-003		0.0113	0.0113		0.0113	0.0113	0.0000	731.2698	731.2698	0.0252	0.0000	731.8994
Total	0.0859	0.4298	3.8465	7.9300e-003	0.0411	0.0113	0.0523	6.2200e-003	0.0113	0.0175	0.0000	731.2698	731.2698	0.0252	0.0000	731.8994

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0117	7.3100e-003	0.0812	4.0000e-004	0.0659	2.1000e-004	0.0661	0.0175	2.0000e-004	0.0177	0.0000	36.0476	36.0476	4.6000e-004	0.0000	36.0589
Total	0.0117	7.3100e-003	0.0812	4.0000e-004	0.0659	2.1000e-004	0.0661	0.0175	2.0000e-004	0.0177	0.0000	36.0476	36.0476	4.6000e-004	0.0000	36.0589

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.13 Dec-33 - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.1600e-003	0.0000	2.1600e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0165	0.0514	0.1470	4.2000e-004		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	38.4879	38.4879	1.3300e-003	0.0000	38.5211
Total	0.0165	0.0514	0.1470	4.2000e-004	2.1600e-003	1.6300e-003	3.7900e-003	3.3000e-004	1.6300e-003	1.9600e-003	0.0000	38.4879	38.4879	1.3300e-003	0.0000	38.5211

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	3.6000e-004	4.0400e-003	2.0000e-005	3.4700e-003	1.0000e-005	3.4800e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.8664	1.8664	2.0000e-005	0.0000	1.8669
Total	5.8000e-004	3.6000e-004	4.0400e-003	2.0000e-005	3.4700e-003	1.0000e-005	3.4800e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.8664	1.8664	2.0000e-005	0.0000	1.8669

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

3.13 Dec-33 - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.1600e-003	0.0000	2.1600e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5200e-003	0.0226	0.2025	4.2000e-004		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	38.4879	38.4879	1.3300e-003	0.0000	38.5210
Total	4.5200e-003	0.0226	0.2025	4.2000e-004	2.1600e-003	5.9000e-004	2.7500e-003	3.3000e-004	5.9000e-004	9.2000e-004	0.0000	38.4879	38.4879	1.3300e-003	0.0000	38.5210

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	3.6000e-004	4.0400e-003	2.0000e-005	3.4700e-003	1.0000e-005	3.4800e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.8664	1.8664	2.0000e-005	0.0000	1.8669
Total	5.8000e-004	3.6000e-004	4.0400e-003	2.0000e-005	3.4700e-003	1.0000e-005	3.4800e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.8664	1.8664	2.0000e-005	0.0000	1.8669

4.0 Operational Detail - Mobile

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Heavy Industry	13.00	13.00	13.00	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.615581	0.024499	0.200162	0.102060	0.012058	0.004089	0.012646	0.020218	0.002251	0.001029	0.004096	0.000689	0.000621

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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

7.0 Water Detail

7.1 Mitigation Measures Water

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Heavy Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

DCCP Decommissioning - San Luis Obispo County APCD Air District, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Heavy Industry	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

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

DCPP Decommissioning - San Luis Obispo County APCD Air District, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

SMVRR Equipment

Santa Barbara County APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	217.80	1000sqft	5.00	217,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.9	Precipitation Freq (Days)	37
Climate Zone	4			Operational Year	2030
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Waste transport to SMVRR 2024-2029. Assume equipment installed at start of Period 1 (Dec 2024).

Land Use - Betteravia Industrial park is 5 acres (SMVRR website).

Construction Phase - Period 1 12/1/2024 through 12/31/2029. Adjusted end date to account for 4 day work weeks.

Off-road Equipment - Generator set based on requirements for gantry lift system. Other equipment based on defaults or similar models

Trips and VMT - Assume 10 workers per day at one railyard. Used default trip length. 99 haul trips over distance from DCPD to SMVR (roughly 50 miles)

Energy Use -

Construction Off-road Equipment Mitigation - Assume Tier 4 final for hp >100 and Tier 4 interim for hp <100.

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	1,060.00
tblConstructionPhase	PhaseEndDate	12/6/2024	12/22/2028
tblOffRoadEquipment	HorsePower	84.00	369.00
tblOffRoadEquipment	HorsePower	172.00	24.80
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.31	0.31
tblOffRoadEquipment	LoadFactor	0.40	0.40
tblOffRoadEquipment	OffRoadEquipmentType	Rubber Tired Dozers	Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Aerial Lifts
tblOffRoadEquipment	OffRoadEquipmentType		Rough Terrain Forklifts
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	0.00	99.00
tblTripsAndVMT	WorkerTripNumber	25.00	10.00

2.0 Emissions Summary

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0169	0.1241	0.1371	4.9000e-004	7.2000e-004	4.1700e-003	4.8900e-003	1.9000e-004	3.9700e-003	4.1600e-003	0.0000	46.6959	46.6959	6.7100e-003	4.0000e-005	46.8760
2025	0.1907	1.3109	1.6106	5.7500e-003	8.5800e-003	0.0425	0.0511	2.2800e-003	0.0405	0.0428	0.0000	553.6689	553.6689	0.0796	4.7000e-004	555.7992
2026	0.1905	1.3106	1.6090	5.7500e-003	8.5800e-003	0.0425	0.0511	2.2800e-003	0.0405	0.0428	0.0000	553.4490	553.4490	0.0796	4.6000e-004	555.5739
2027	0.1903	1.3103	1.6078	5.7500e-003	8.5800e-003	0.0425	0.0511	2.2800e-003	0.0405	0.0427	0.0000	553.2512	553.2512	0.0796	4.4000e-004	555.3715
2028	0.1858	1.2799	1.5700	5.6100e-003	8.3800e-003	0.0415	0.0499	2.2300e-003	0.0395	0.0418	0.0000	540.3555	540.3555	0.0777	4.2000e-004	542.4229
Maximum	0.1907	1.3109	1.6106	5.7500e-003	8.5800e-003	0.0425	0.0511	2.2800e-003	0.0405	0.0428	0.0000	553.6689	553.6689	0.0796	4.7000e-004	555.7992

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	6.1600e-003	0.0344	0.2270	4.9000e-004	7.2000e-004	1.1500e-003	1.8800e-003	1.9000e-004	1.1500e-003	1.3400e-003	0.0000	46.6959	46.6959	6.7100e-003	4.0000e-005	46.8760
2025	0.0728	0.4081	2.6909	5.7500e-003	8.5800e-003	0.0137	0.0223	2.2800e-003	0.0137	0.0160	0.0000	553.6683	553.6683	0.0796	4.7000e-004	555.7985
2026	0.0727	0.4078	2.6892	5.7500e-003	8.5800e-003	0.0137	0.0223	2.2800e-003	0.0137	0.0160	0.0000	553.4483	553.4483	0.0796	4.6000e-004	555.5733
2027	0.0725	0.4075	2.6881	5.7500e-003	8.5800e-003	0.0137	0.0223	2.2800e-003	0.0137	0.0160	0.0000	553.2506	553.2506	0.0796	4.4000e-004	555.3708
2028	0.0707	0.3979	2.6254	5.6100e-003	8.3800e-003	0.0134	0.0217	2.2300e-003	0.0134	0.0156	0.0000	540.3549	540.3549	0.0777	4.2000e-004	542.4223
Maximum	0.0728	0.4081	2.6909	5.7500e-003	8.5800e-003	0.0137	0.0223	2.2800e-003	0.0137	0.0160	0.0000	553.6683	553.6683	0.0796	4.7000e-004	555.7985

	ROG	NOx	CO	SO2	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	61.91	68.97	-67.12	0.00	0.00	67.95	56.57	0.00	66.35	62.81	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	12-1-2024	2-28-2025	0.3844	0.1186
2	3-1-2025	5-31-2025	0.3780	0.1210
3	6-1-2025	8-31-2025	0.3780	0.1210
4	9-1-2025	11-30-2025	0.3740	0.1198
5	12-1-2025	2-28-2026	0.3698	0.1184
6	3-1-2026	5-31-2026	0.3779	0.1209
7	6-1-2026	8-31-2026	0.3778	0.1209

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

8	9-1-2026	11-30-2026	0.3738	0.1197
9	12-1-2026	2-28-2027	0.3697	0.1183
10	3-1-2027	5-31-2027	0.3778	0.1208
11	6-1-2027	8-31-2027	0.3777	0.1208
12	9-1-2027	11-30-2027	0.3737	0.1195
13	12-1-2027	2-29-2028	0.3737	0.1195
14	3-1-2028	5-31-2028	0.3777	0.1207
15	6-1-2028	8-31-2028	0.3776	0.1207
16	9-1-2028	9-30-2028	0.1231	0.0394
		Highest	0.3844	0.1210

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.1032	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003
Energy	0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	534.2910	534.2910	0.0596	0.0102	538.8313
Mobile	0.2211	0.2484	1.8741	3.6800e-003	0.4619	2.6200e-003	0.4645	0.1236	2.4500e-003	0.1261	0.0000	340.1965	340.1965	0.0249	0.0184	346.3156
Waste						0.0000	0.0000		0.0000	0.0000	56.0837	0.0000	56.0837	2.7810	0.0000	125.6088
Water						0.0000	0.0000		0.0000	0.0000	17.8197	25.2157	43.0353	0.0654	0.0393	56.3661
Total	1.3433	0.4213	2.0213	4.7200e-003	0.4619	0.0158	0.4777	0.1236	0.0156	0.1392	73.9033	899.7071	973.6104	2.9309	0.0679	1,067.1260

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.1032	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003
Energy	0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	534.2910	534.2910	0.0596	0.0102	538.8313
Mobile	0.2211	0.2484	1.8741	3.6800e-003	0.4619	2.6200e-003	0.4645	0.1236	2.4500e-003	0.1261	0.0000	340.1965	340.1965	0.0249	0.0184	346.3156
Waste						0.0000	0.0000		0.0000	0.0000	56.0837	0.0000	56.0837	2.7810	0.0000	125.6088
Water						0.0000	0.0000		0.0000	0.0000	17.8197	25.2157	43.0353	0.0654	0.0393	56.3661
Total	1.3433	0.4213	2.0213	4.7200e-003	0.4619	0.0158	0.4777	0.1236	0.0156	0.1392	73.9033	899.7071	973.6104	2.9309	0.0679	1,067.1260

	ROG	NOx	CO	SO2	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	SMVR Operations	Site Preparation	12/1/2024	12/22/2028	5	1060	

Acres of Grading (Site Preparation Phase): 0

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
SMVR Operations	Generator Sets	2	4.00	369	0.74
SMVR Operations	Off-Highway Trucks	2	4.00	402	0.38
SMVR Operations	Other Construction Equipment	2	4.00	24.8	0.42
SMVR Operations	Aerial Lifts	2	4.00	63	0.31
SMVR Operations	Rough Terrain Forklifts	2	4.00	100	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
SMVR Operations	10	10.00	0.00	99.00	8.30	6.40	50.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0166	0.1235	0.1350	4.8000e-004		4.1600e-003	4.1600e-003		3.9700e-003	3.9700e-003	0.0000	46.0412	46.0412	6.6800e-003	0.0000	46.2082
Total	0.0166	0.1235	0.1350	4.8000e-004		4.1600e-003	4.1600e-003		3.9700e-003	3.9700e-003	0.0000	46.0412	46.0412	6.6800e-003	0.0000	46.2082

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	3.9000e-004	9.0000e-005	0.0000	4.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1537	0.1537	1.0000e-005	2.0000e-005	0.1614
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.8000e-004	2.0000e-003	1.0000e-005	6.8000e-004	0.0000	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5010	0.5010	2.0000e-005	2.0000e-005	0.5065
Total	2.8000e-004	5.7000e-004	2.0900e-003	1.0000e-005	7.2000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6548	0.6548	3.0000e-005	4.0000e-005	0.6678

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.8900e-003	0.0339	0.2249	4.8000e-004		1.1500e-003	1.1500e-003		1.1500e-003	1.1500e-003	0.0000	46.0411	46.0411	6.6800e-003	0.0000	46.2082
Total	5.8900e-003	0.0339	0.2249	4.8000e-004		1.1500e-003	1.1500e-003		1.1500e-003	1.1500e-003	0.0000	46.0411	46.0411	6.6800e-003	0.0000	46.2082

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	3.9000e-004	9.0000e-005	0.0000	4.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1537	0.1537	1.0000e-005	2.0000e-005	0.1614
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.8000e-004	2.0000e-003	1.0000e-005	6.8000e-004	0.0000	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5010	0.5010	2.0000e-005	2.0000e-005	0.5065
Total	2.8000e-004	5.7000e-004	2.0900e-003	1.0000e-005	7.2000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6548	0.6548	3.0000e-005	4.0000e-005	0.6678

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1876	1.3046	1.5875	5.6700e-003		0.0424	0.0424		0.0404	0.0404	0.0000	546.1280	546.1280	0.0793	0.0000	548.1092
Total	0.1876	1.3046	1.5875	5.6700e-003		0.0424	0.0424		0.0404	0.0404	0.0000	546.1280	546.1280	0.0793	0.0000	548.1092

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	4.4300e-003	1.0800e-003	2.0000e-005	5.2000e-004	4.0000e-005	5.6000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.7897	1.7897	1.4000e-004	2.9000e-004	1.8789
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9500e-003	1.9200e-003	0.0221	6.0000e-005	8.0600e-003	4.0000e-005	8.1000e-003	2.1400e-003	3.0000e-005	2.1800e-003	0.0000	5.7513	5.7513	2.0000e-004	1.8000e-004	5.8112
Total	3.0100e-003	6.3500e-003	0.0232	8.0000e-005	8.5800e-003	8.0000e-005	8.6600e-003	2.2800e-003	6.0000e-005	2.3600e-003	0.0000	7.5409	7.5409	3.4000e-004	4.7000e-004	7.6901

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0698	0.4018	2.6677	5.6700e-003		0.0136	0.0136		0.0136	0.0136	0.0000	546.1273	546.1273	0.0793	0.0000	548.1085
Total	0.0698	0.4018	2.6677	5.6700e-003		0.0136	0.0136		0.0136	0.0136	0.0000	546.1273	546.1273	0.0793	0.0000	548.1085

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	4.4300e-003	1.0800e-003	2.0000e-005	5.2000e-004	4.0000e-005	5.6000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.7897	1.7897	1.4000e-004	2.9000e-004	1.8789
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9500e-003	1.9200e-003	0.0221	6.0000e-005	8.0600e-003	4.0000e-005	8.1000e-003	2.1400e-003	3.0000e-005	2.1800e-003	0.0000	5.7513	5.7513	2.0000e-004	1.8000e-004	5.8112
Total	3.0100e-003	6.3500e-003	0.0232	8.0000e-005	8.5800e-003	8.0000e-005	8.6600e-003	2.2800e-003	6.0000e-005	2.3600e-003	0.0000	7.5409	7.5409	3.4000e-004	4.7000e-004	7.6901

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1876	1.3046	1.5875	5.6700e-003		0.0424	0.0424		0.0404	0.0404	0.0000	546.1280	546.1280	0.0793	0.0000	548.1092
Total	0.1876	1.3046	1.5875	5.6700e-003		0.0424	0.0424		0.0404	0.0404	0.0000	546.1280	546.1280	0.0793	0.0000	548.1092

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	4.2800e-003	1.1000e-003	2.0000e-005	5.2000e-004	3.0000e-005	5.5000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.7553	1.7553	1.5000e-004	2.8000e-004	1.8430
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7800e-003	1.7300e-003	0.0204	6.0000e-005	8.0600e-003	3.0000e-005	8.0900e-003	2.1400e-003	3.0000e-005	2.1700e-003	0.0000	5.5657	5.5657	1.8000e-004	1.7000e-004	5.6218
Total	2.8400e-003	6.0100e-003	0.0215	8.0000e-005	8.5800e-003	6.0000e-005	8.6400e-003	2.2800e-003	6.0000e-005	2.3500e-003	0.0000	7.3210	7.3210	3.3000e-004	4.5000e-004	7.4648

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0698	0.4018	2.6677	5.6700e-003		0.0136	0.0136		0.0136	0.0136	0.0000	546.1273	546.1273	0.0793	0.0000	548.1085
Total	0.0698	0.4018	2.6677	5.6700e-003		0.0136	0.0136		0.0136	0.0136	0.0000	546.1273	546.1273	0.0793	0.0000	548.1085

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	4.2800e-003	1.1000e-003	2.0000e-005	5.2000e-004	3.0000e-005	5.5000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.7553	1.7553	1.5000e-004	2.8000e-004	1.8430
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7800e-003	1.7300e-003	0.0204	6.0000e-005	8.0600e-003	3.0000e-005	8.0900e-003	2.1400e-003	3.0000e-005	2.1700e-003	0.0000	5.5657	5.5657	1.8000e-004	1.7000e-004	5.6218
Total	2.8400e-003	6.0100e-003	0.0215	8.0000e-005	8.5800e-003	6.0000e-005	8.6400e-003	2.2800e-003	6.0000e-005	2.3500e-003	0.0000	7.3210	7.3210	3.3000e-004	4.5000e-004	7.4648

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1876	1.3046	1.5875	5.6700e-003		0.0424	0.0424		0.0404	0.0404	0.0000	546.1280	546.1280	0.0793	0.0000	548.1092
Total	0.1876	1.3046	1.5875	5.6700e-003		0.0424	0.0424		0.0404	0.0404	0.0000	546.1280	546.1280	0.0793	0.0000	548.1092

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	4.1500e-003	1.1100e-003	2.0000e-005	5.2000e-004	3.0000e-005	5.5000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.7179	1.7179	1.5000e-004	2.8000e-004	1.8040
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6300e-003	1.5700e-003	0.0193	6.0000e-005	8.0600e-003	3.0000e-005	8.0900e-003	2.1400e-003	3.0000e-005	2.1700e-003	0.0000	5.4054	5.4054	1.7000e-004	1.6000e-004	5.4583
Total	2.6800e-003	5.7200e-003	0.0204	8.0000e-005	8.5800e-003	6.0000e-005	8.6400e-003	2.2800e-003	6.0000e-005	2.3500e-003	0.0000	7.1233	7.1233	3.2000e-004	4.4000e-004	7.2623

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0698	0.4018	2.6677	5.6700e-003		0.0136	0.0136		0.0136	0.0136	0.0000	546.1273	546.1273	0.0793	0.0000	548.1085
Total	0.0698	0.4018	2.6677	5.6700e-003		0.0136	0.0136		0.0136	0.0136	0.0000	546.1273	546.1273	0.0793	0.0000	548.1085

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	4.1500e-003	1.1100e-003	2.0000e-005	5.2000e-004	3.0000e-005	5.5000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.7179	1.7179	1.5000e-004	2.8000e-004	1.8040
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6300e-003	1.5700e-003	0.0193	6.0000e-005	8.0600e-003	3.0000e-005	8.0900e-003	2.1400e-003	3.0000e-005	2.1700e-003	0.0000	5.4054	5.4054	1.7000e-004	1.6000e-004	5.4583
Total	2.6800e-003	5.7200e-003	0.0204	8.0000e-005	8.5800e-003	6.0000e-005	8.6400e-003	2.2800e-003	6.0000e-005	2.3500e-003	0.0000	7.1233	7.1233	3.2000e-004	4.4000e-004	7.2623

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1833	1.2746	1.5510	5.5400e-003		0.0415	0.0415		0.0395	0.0395	0.0000	533.5733	533.5733	0.0774	0.0000	535.5089
Total	0.1833	1.2746	1.5510	5.5400e-003		0.0415	0.0415		0.0395	0.0395	0.0000	533.5733	533.5733	0.0774	0.0000	535.5089

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	3.9300e-003	1.1000e-003	2.0000e-005	5.1000e-004	3.0000e-005	5.4000e-004	1.4000e-004	3.0000e-005	1.7000e-004	0.0000	1.6431	1.6431	1.5000e-004	2.6000e-004	1.7257
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4400e-003	1.4100e-003	0.0179	6.0000e-005	7.8700e-003	3.0000e-005	7.9000e-003	2.0900e-003	3.0000e-005	2.1200e-003	0.0000	5.1392	5.1392	1.5000e-004	1.5000e-004	5.1883
Total	2.4900e-003	5.3400e-003	0.0190	8.0000e-005	8.3800e-003	6.0000e-005	8.4400e-003	2.2300e-003	6.0000e-005	2.2900e-003	0.0000	6.7822	6.7822	3.0000e-004	4.1000e-004	6.9140

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0682	0.3926	2.6064	5.5400e-003		0.0133	0.0133		0.0133	0.0133	0.0000	533.5727	533.5727	0.0774	0.0000	535.5083
Total	0.0682	0.3926	2.6064	5.5400e-003		0.0133	0.0133		0.0133	0.0133	0.0000	533.5727	533.5727	0.0774	0.0000	535.5083

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	3.9300e-003	1.1000e-003	2.0000e-005	5.1000e-004	3.0000e-005	5.4000e-004	1.4000e-004	3.0000e-005	1.7000e-004	0.0000	1.6431	1.6431	1.5000e-004	2.6000e-004	1.7257
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4400e-003	1.4100e-003	0.0179	6.0000e-005	7.8700e-003	3.0000e-005	7.9000e-003	2.0900e-003	3.0000e-005	2.1200e-003	0.0000	5.1392	5.1392	1.5000e-004	1.5000e-004	5.1883
Total	2.4900e-003	5.3400e-003	0.0190	8.0000e-005	8.3800e-003	6.0000e-005	8.4400e-003	2.2300e-003	6.0000e-005	2.2900e-003	0.0000	6.7822	6.7822	3.0000e-004	4.1000e-004	6.9140

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2211	0.2484	1.8741	3.6800e-003	0.4619	2.6200e-003	0.4645	0.1236	2.4500e-003	0.1261	0.0000	340.1965	340.1965	0.0249	0.0184	346.3156
Unmitigated	0.2211	0.2484	1.8741	3.6800e-003	0.4619	2.6200e-003	0.4645	0.1236	2.4500e-003	0.1261	0.0000	340.1965	340.1965	0.0249	0.0184	346.3156

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	733.99	553.21	270.07	1,226,595	1,226,595
Total	733.99	553.21	270.07	1,226,595	1,226,595

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
Industrial Park	6.60	5.50	6.40	59.00	28.00	13.00	79	19	2

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.514923	0.057522	0.206064	0.138974	0.023636	0.006062	0.011219	0.006223	0.000940	0.000535	0.027699	0.003185	0.003017

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	346.0043	346.0043	0.0560	6.7900e-003	349.4257
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	346.0043	346.0043	0.0560	6.7900e-003	349.4257
NaturalGas Mitigated	0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.2867	188.2867	3.6100e-003	3.4500e-003	189.4056
NaturalGas Unmitigated	0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.2867	188.2867	3.6100e-003	3.4500e-003	189.4056

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Industrial Park	3.52836e+006	0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.2867	188.2867	3.6100e-003	3.4500e-003	189.4056
Total		0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.2867	188.2867	3.6100e-003	3.4500e-003	189.4056

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Industrial Park	3.52836e+006	0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.2867	188.2867	3.6100e-003	3.4500e-003	189.4056
Total		0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.2867	188.2867	3.6100e-003	3.4500e-003	189.4056

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Industrial Park	3.73963e+006	346.0043	0.0560	6.7900e-003	349.4257
Total		346.0043	0.0560	6.7900e-003	349.4257

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Industrial Park	3.73963e+006	346.0043	0.0560	6.7900e-003	349.4257
Total		346.0043	0.0560	6.7900e-003	349.4257

6.0 Area Detail

6.1 Mitigation Measures Area

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.1032	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003
Unmitigated	1.1032	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-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	tons/yr										MT/yr					
Architectural Coating	0.2524					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003
Total	1.1032	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2524					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003
Total	1.1032	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003

7.0 Water Detail

7.1 Mitigation Measures Water

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	43.0353	0.0654	0.0393	56.3661
Unmitigated	43.0353	0.0654	0.0393	56.3661

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Industrial Park	50.3663 / 0	43.0353	0.0654	0.0393	56.3661
Total		43.0353	0.0654	0.0393	56.3661

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Industrial Park	50.3663 / 0	43.0353	0.0654	0.0393	56.3661
Total		43.0353	0.0654	0.0393	56.3661

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	56.0837	2.7810	0.0000	125.6088
Unmitigated	56.0837	2.7810	0.0000	125.6088

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Industrial Park	270.07	56.0837	2.7810	0.0000	125.6088
Total		56.0837	2.7810	0.0000	125.6088

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Industrial Park	270.07	56.0837	2.7810	0.0000	125.6088
Total		56.0837	2.7810	0.0000	125.6088

9.0 Operational Offroad

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

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

Appendix D1.10

Phase 1 CalEEMod SB County

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

SMVRR Equipment

Santa Barbara County APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	217.80	1000sqft	5.00	217,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.9	Precipitation Freq (Days)	37
Climate Zone	4			Operational Year	2030
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Waste transport to SMVRR 2024-2029. Assume equipment installed at start of Period 1 (Dec 2024).

Land Use - Betteravia Industrial park is 5 acres (SMVRR website).

Construction Phase - Period 1 12/1/2024 through 12/31/2029. Adjusted end date to account for 4 day work weeks.

Off-road Equipment - Generator set based on requirements for gantry lift system. Other equipment based on defaults or similar models

Trips and VMT - Assume 10 workers per day at one railyard. Used default trip length. 99 haul trips over distance from DCPD to SMVR (roughly 50 miles)

Energy Use -

Construction Off-road Equipment Mitigation - Assume Tier 4 final for hp >100 and Tier 4 interim for hp <100.

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	1,060.00
tblConstructionPhase	PhaseEndDate	12/6/2024	12/22/2028
tblOffRoadEquipment	HorsePower	84.00	369.00
tblOffRoadEquipment	HorsePower	172.00	24.80
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.31	0.31
tblOffRoadEquipment	LoadFactor	0.40	0.40
tblOffRoadEquipment	OffRoadEquipmentType	Rubber Tired Dozers	Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Aerial Lifts
tblOffRoadEquipment	OffRoadEquipmentType		Rough Terrain Forklifts
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	0.00	99.00
tblTripsAndVMT	WorkerTripNumber	25.00	10.00

2.0 Emissions Summary

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0169	0.1241	0.1371	4.9000e-004	7.2000e-004	4.1700e-003	4.8900e-003	1.9000e-004	3.9700e-003	4.1600e-003	0.0000	46.6959	46.6959	6.7100e-003	4.0000e-005	46.8760
2025	0.1907	1.3109	1.6106	5.7500e-003	8.5800e-003	0.0425	0.0511	2.2800e-003	0.0405	0.0428	0.0000	553.6689	553.6689	0.0796	4.7000e-004	555.7992
2026	0.1905	1.3106	1.6090	5.7500e-003	8.5800e-003	0.0425	0.0511	2.2800e-003	0.0405	0.0428	0.0000	553.4490	553.4490	0.0796	4.6000e-004	555.5739
2027	0.1903	1.3103	1.6078	5.7500e-003	8.5800e-003	0.0425	0.0511	2.2800e-003	0.0405	0.0427	0.0000	553.2512	553.2512	0.0796	4.4000e-004	555.3715
2028	0.1858	1.2799	1.5700	5.6100e-003	8.3800e-003	0.0415	0.0499	2.2300e-003	0.0395	0.0418	0.0000	540.3555	540.3555	0.0777	4.2000e-004	542.4229
Maximum	0.1907	1.3109	1.6106	5.7500e-003	8.5800e-003	0.0425	0.0511	2.2800e-003	0.0405	0.0428	0.0000	553.6689	553.6689	0.0796	4.7000e-004	555.7992

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	6.1600e-003	0.0344	0.2270	4.9000e-004	7.2000e-004	1.1500e-003	1.8800e-003	1.9000e-004	1.1500e-003	1.3400e-003	0.0000	46.6959	46.6959	6.7100e-003	4.0000e-005	46.8760
2025	0.0728	0.4081	2.6909	5.7500e-003	8.5800e-003	0.0137	0.0223	2.2800e-003	0.0137	0.0160	0.0000	553.6683	553.6683	0.0796	4.7000e-004	555.7985
2026	0.0727	0.4078	2.6892	5.7500e-003	8.5800e-003	0.0137	0.0223	2.2800e-003	0.0137	0.0160	0.0000	553.4483	553.4483	0.0796	4.6000e-004	555.5733
2027	0.0725	0.4075	2.6881	5.7500e-003	8.5800e-003	0.0137	0.0223	2.2800e-003	0.0137	0.0160	0.0000	553.2506	553.2506	0.0796	4.4000e-004	555.3708
2028	0.0707	0.3979	2.6254	5.6100e-003	8.3800e-003	0.0134	0.0217	2.2300e-003	0.0134	0.0156	0.0000	540.3549	540.3549	0.0777	4.2000e-004	542.4223
Maximum	0.0728	0.4081	2.6909	5.7500e-003	8.5800e-003	0.0137	0.0223	2.2800e-003	0.0137	0.0160	0.0000	553.6683	553.6683	0.0796	4.7000e-004	555.7985

	ROG	NOx	CO	SO2	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	61.91	68.97	-67.12	0.00	0.00	67.95	56.57	0.00	66.35	62.81	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	12-1-2024	2-28-2025	0.3844	0.1186
2	3-1-2025	5-31-2025	0.3780	0.1210
3	6-1-2025	8-31-2025	0.3780	0.1210
4	9-1-2025	11-30-2025	0.3740	0.1198
5	12-1-2025	2-28-2026	0.3698	0.1184
6	3-1-2026	5-31-2026	0.3779	0.1209
7	6-1-2026	8-31-2026	0.3778	0.1209

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

8	9-1-2026	11-30-2026	0.3738	0.1197
9	12-1-2026	2-28-2027	0.3697	0.1183
10	3-1-2027	5-31-2027	0.3778	0.1208
11	6-1-2027	8-31-2027	0.3777	0.1208
12	9-1-2027	11-30-2027	0.3737	0.1195
13	12-1-2027	2-29-2028	0.3737	0.1195
14	3-1-2028	5-31-2028	0.3777	0.1207
15	6-1-2028	8-31-2028	0.3776	0.1207
16	9-1-2028	9-30-2028	0.1231	0.0394
		Highest	0.3844	0.1210

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.1032	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003
Energy	0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	534.2910	534.2910	0.0596	0.0102	538.8313
Mobile	0.2211	0.2484	1.8741	3.6800e-003	0.4619	2.6200e-003	0.4645	0.1236	2.4500e-003	0.1261	0.0000	340.1965	340.1965	0.0249	0.0184	346.3156
Waste						0.0000	0.0000		0.0000	0.0000	56.0837	0.0000	56.0837	2.7810	0.0000	125.6088
Water						0.0000	0.0000		0.0000	0.0000	17.8197	25.2157	43.0353	0.0654	0.0393	56.3661
Total	1.3433	0.4213	2.0213	4.7200e-003	0.4619	0.0158	0.4777	0.1236	0.0156	0.1392	73.9033	899.7071	973.6104	2.9309	0.0679	1,067.1260

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.1032	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003
Energy	0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	534.2910	534.2910	0.0596	0.0102	538.8313
Mobile	0.2211	0.2484	1.8741	3.6800e-003	0.4619	2.6200e-003	0.4645	0.1236	2.4500e-003	0.1261	0.0000	340.1965	340.1965	0.0249	0.0184	346.3156
Waste						0.0000	0.0000		0.0000	0.0000	56.0837	0.0000	56.0837	2.7810	0.0000	125.6088
Water						0.0000	0.0000		0.0000	0.0000	17.8197	25.2157	43.0353	0.0654	0.0393	56.3661
Total	1.3433	0.4213	2.0213	4.7200e-003	0.4619	0.0158	0.4777	0.1236	0.0156	0.1392	73.9033	899.7071	973.6104	2.9309	0.0679	1,067.1260

	ROG	NOx	CO	SO2	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	SMVR Operations	Site Preparation	12/1/2024	12/22/2028	5	1060	

Acres of Grading (Site Preparation Phase): 0

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
SMVR Operations	Generator Sets	2	4.00	369	0.74
SMVR Operations	Off-Highway Trucks	2	4.00	402	0.38
SMVR Operations	Other Construction Equipment	2	4.00	24.8	0.42
SMVR Operations	Aerial Lifts	2	4.00	63	0.31
SMVR Operations	Rough Terrain Forklifts	2	4.00	100	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
SMVR Operations	10	10.00	0.00	99.00	8.30	6.40	50.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0166	0.1235	0.1350	4.8000e-004		4.1600e-003	4.1600e-003		3.9700e-003	3.9700e-003	0.0000	46.0412	46.0412	6.6800e-003	0.0000	46.2082
Total	0.0166	0.1235	0.1350	4.8000e-004		4.1600e-003	4.1600e-003		3.9700e-003	3.9700e-003	0.0000	46.0412	46.0412	6.6800e-003	0.0000	46.2082

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	3.9000e-004	9.0000e-005	0.0000	4.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1537	0.1537	1.0000e-005	2.0000e-005	0.1614
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.8000e-004	2.0000e-003	1.0000e-005	6.8000e-004	0.0000	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5010	0.5010	2.0000e-005	2.0000e-005	0.5065
Total	2.8000e-004	5.7000e-004	2.0900e-003	1.0000e-005	7.2000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6548	0.6548	3.0000e-005	4.0000e-005	0.6678

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.8900e-003	0.0339	0.2249	4.8000e-004		1.1500e-003	1.1500e-003		1.1500e-003	1.1500e-003	0.0000	46.0411	46.0411	6.6800e-003	0.0000	46.2082
Total	5.8900e-003	0.0339	0.2249	4.8000e-004		1.1500e-003	1.1500e-003		1.1500e-003	1.1500e-003	0.0000	46.0411	46.0411	6.6800e-003	0.0000	46.2082

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	3.9000e-004	9.0000e-005	0.0000	4.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1537	0.1537	1.0000e-005	2.0000e-005	0.1614
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.8000e-004	2.0000e-003	1.0000e-005	6.8000e-004	0.0000	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5010	0.5010	2.0000e-005	2.0000e-005	0.5065
Total	2.8000e-004	5.7000e-004	2.0900e-003	1.0000e-005	7.2000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6548	0.6548	3.0000e-005	4.0000e-005	0.6678

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1876	1.3046	1.5875	5.6700e-003		0.0424	0.0424		0.0404	0.0404	0.0000	546.1280	546.1280	0.0793	0.0000	548.1092
Total	0.1876	1.3046	1.5875	5.6700e-003		0.0424	0.0424		0.0404	0.0404	0.0000	546.1280	546.1280	0.0793	0.0000	548.1092

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	4.4300e-003	1.0800e-003	2.0000e-005	5.2000e-004	4.0000e-005	5.6000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.7897	1.7897	1.4000e-004	2.9000e-004	1.8789
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9500e-003	1.9200e-003	0.0221	6.0000e-005	8.0600e-003	4.0000e-005	8.1000e-003	2.1400e-003	3.0000e-005	2.1800e-003	0.0000	5.7513	5.7513	2.0000e-004	1.8000e-004	5.8112
Total	3.0100e-003	6.3500e-003	0.0232	8.0000e-005	8.5800e-003	8.0000e-005	8.6600e-003	2.2800e-003	6.0000e-005	2.3600e-003	0.0000	7.5409	7.5409	3.4000e-004	4.7000e-004	7.6901

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0698	0.4018	2.6677	5.6700e-003		0.0136	0.0136		0.0136	0.0136	0.0000	546.1273	546.1273	0.0793	0.0000	548.1085
Total	0.0698	0.4018	2.6677	5.6700e-003		0.0136	0.0136		0.0136	0.0136	0.0000	546.1273	546.1273	0.0793	0.0000	548.1085

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	4.4300e-003	1.0800e-003	2.0000e-005	5.2000e-004	4.0000e-005	5.6000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.7897	1.7897	1.4000e-004	2.9000e-004	1.8789
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9500e-003	1.9200e-003	0.0221	6.0000e-005	8.0600e-003	4.0000e-005	8.1000e-003	2.1400e-003	3.0000e-005	2.1800e-003	0.0000	5.7513	5.7513	2.0000e-004	1.8000e-004	5.8112
Total	3.0100e-003	6.3500e-003	0.0232	8.0000e-005	8.5800e-003	8.0000e-005	8.6600e-003	2.2800e-003	6.0000e-005	2.3600e-003	0.0000	7.5409	7.5409	3.4000e-004	4.7000e-004	7.6901

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1876	1.3046	1.5875	5.6700e-003		0.0424	0.0424		0.0404	0.0404	0.0000	546.1280	546.1280	0.0793	0.0000	548.1092
Total	0.1876	1.3046	1.5875	5.6700e-003		0.0424	0.0424		0.0404	0.0404	0.0000	546.1280	546.1280	0.0793	0.0000	548.1092

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	4.2800e-003	1.1000e-003	2.0000e-005	5.2000e-004	3.0000e-005	5.5000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.7553	1.7553	1.5000e-004	2.8000e-004	1.8430
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7800e-003	1.7300e-003	0.0204	6.0000e-005	8.0600e-003	3.0000e-005	8.0900e-003	2.1400e-003	3.0000e-005	2.1700e-003	0.0000	5.5657	5.5657	1.8000e-004	1.7000e-004	5.6218
Total	2.8400e-003	6.0100e-003	0.0215	8.0000e-005	8.5800e-003	6.0000e-005	8.6400e-003	2.2800e-003	6.0000e-005	2.3500e-003	0.0000	7.3210	7.3210	3.3000e-004	4.5000e-004	7.4648

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0698	0.4018	2.6677	5.6700e-003		0.0136	0.0136		0.0136	0.0136	0.0000	546.1273	546.1273	0.0793	0.0000	548.1085
Total	0.0698	0.4018	2.6677	5.6700e-003		0.0136	0.0136		0.0136	0.0136	0.0000	546.1273	546.1273	0.0793	0.0000	548.1085

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	4.2800e-003	1.1000e-003	2.0000e-005	5.2000e-004	3.0000e-005	5.5000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.7553	1.7553	1.5000e-004	2.8000e-004	1.8430
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7800e-003	1.7300e-003	0.0204	6.0000e-005	8.0600e-003	3.0000e-005	8.0900e-003	2.1400e-003	3.0000e-005	2.1700e-003	0.0000	5.5657	5.5657	1.8000e-004	1.7000e-004	5.6218
Total	2.8400e-003	6.0100e-003	0.0215	8.0000e-005	8.5800e-003	6.0000e-005	8.6400e-003	2.2800e-003	6.0000e-005	2.3500e-003	0.0000	7.3210	7.3210	3.3000e-004	4.5000e-004	7.4648

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1876	1.3046	1.5875	5.6700e-003		0.0424	0.0424		0.0404	0.0404	0.0000	546.1280	546.1280	0.0793	0.0000	548.1092
Total	0.1876	1.3046	1.5875	5.6700e-003		0.0424	0.0424		0.0404	0.0404	0.0000	546.1280	546.1280	0.0793	0.0000	548.1092

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	4.1500e-003	1.1100e-003	2.0000e-005	5.2000e-004	3.0000e-005	5.5000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.7179	1.7179	1.5000e-004	2.8000e-004	1.8040
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6300e-003	1.5700e-003	0.0193	6.0000e-005	8.0600e-003	3.0000e-005	8.0900e-003	2.1400e-003	3.0000e-005	2.1700e-003	0.0000	5.4054	5.4054	1.7000e-004	1.6000e-004	5.4583
Total	2.6800e-003	5.7200e-003	0.0204	8.0000e-005	8.5800e-003	6.0000e-005	8.6400e-003	2.2800e-003	6.0000e-005	2.3500e-003	0.0000	7.1233	7.1233	3.2000e-004	4.4000e-004	7.2623

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0698	0.4018	2.6677	5.6700e-003		0.0136	0.0136		0.0136	0.0136	0.0000	546.1273	546.1273	0.0793	0.0000	548.1085
Total	0.0698	0.4018	2.6677	5.6700e-003		0.0136	0.0136		0.0136	0.0136	0.0000	546.1273	546.1273	0.0793	0.0000	548.1085

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	4.1500e-003	1.1100e-003	2.0000e-005	5.2000e-004	3.0000e-005	5.5000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.7179	1.7179	1.5000e-004	2.8000e-004	1.8040
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6300e-003	1.5700e-003	0.0193	6.0000e-005	8.0600e-003	3.0000e-005	8.0900e-003	2.1400e-003	3.0000e-005	2.1700e-003	0.0000	5.4054	5.4054	1.7000e-004	1.6000e-004	5.4583
Total	2.6800e-003	5.7200e-003	0.0204	8.0000e-005	8.5800e-003	6.0000e-005	8.6400e-003	2.2800e-003	6.0000e-005	2.3500e-003	0.0000	7.1233	7.1233	3.2000e-004	4.4000e-004	7.2623

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1833	1.2746	1.5510	5.5400e-003		0.0415	0.0415		0.0395	0.0395	0.0000	533.5733	533.5733	0.0774	0.0000	535.5089
Total	0.1833	1.2746	1.5510	5.5400e-003		0.0415	0.0415		0.0395	0.0395	0.0000	533.5733	533.5733	0.0774	0.0000	535.5089

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	3.9300e-003	1.1000e-003	2.0000e-005	5.1000e-004	3.0000e-005	5.4000e-004	1.4000e-004	3.0000e-005	1.7000e-004	0.0000	1.6431	1.6431	1.5000e-004	2.6000e-004	1.7257
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4400e-003	1.4100e-003	0.0179	6.0000e-005	7.8700e-003	3.0000e-005	7.9000e-003	2.0900e-003	3.0000e-005	2.1200e-003	0.0000	5.1392	5.1392	1.5000e-004	1.5000e-004	5.1883
Total	2.4900e-003	5.3400e-003	0.0190	8.0000e-005	8.3800e-003	6.0000e-005	8.4400e-003	2.2300e-003	6.0000e-005	2.2900e-003	0.0000	6.7822	6.7822	3.0000e-004	4.1000e-004	6.9140

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

3.2 SMVR Operations - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0682	0.3926	2.6064	5.5400e-003		0.0133	0.0133		0.0133	0.0133	0.0000	533.5727	533.5727	0.0774	0.0000	535.5083
Total	0.0682	0.3926	2.6064	5.5400e-003		0.0133	0.0133		0.0133	0.0133	0.0000	533.5727	533.5727	0.0774	0.0000	535.5083

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	3.9300e-003	1.1000e-003	2.0000e-005	5.1000e-004	3.0000e-005	5.4000e-004	1.4000e-004	3.0000e-005	1.7000e-004	0.0000	1.6431	1.6431	1.5000e-004	2.6000e-004	1.7257
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4400e-003	1.4100e-003	0.0179	6.0000e-005	7.8700e-003	3.0000e-005	7.9000e-003	2.0900e-003	3.0000e-005	2.1200e-003	0.0000	5.1392	5.1392	1.5000e-004	1.5000e-004	5.1883
Total	2.4900e-003	5.3400e-003	0.0190	8.0000e-005	8.3800e-003	6.0000e-005	8.4400e-003	2.2300e-003	6.0000e-005	2.2900e-003	0.0000	6.7822	6.7822	3.0000e-004	4.1000e-004	6.9140

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2211	0.2484	1.8741	3.6800e-003	0.4619	2.6200e-003	0.4645	0.1236	2.4500e-003	0.1261	0.0000	340.1965	340.1965	0.0249	0.0184	346.3156
Unmitigated	0.2211	0.2484	1.8741	3.6800e-003	0.4619	2.6200e-003	0.4645	0.1236	2.4500e-003	0.1261	0.0000	340.1965	340.1965	0.0249	0.0184	346.3156

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	733.99	553.21	270.07	1,226,595	1,226,595
Total	733.99	553.21	270.07	1,226,595	1,226,595

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
Industrial Park	6.60	5.50	6.40	59.00	28.00	13.00	79	19	2

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.514923	0.057522	0.206064	0.138974	0.023636	0.006062	0.011219	0.006223	0.000940	0.000535	0.027699	0.003185	0.003017

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	346.0043	346.0043	0.0560	6.7900e-003	349.4257
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	346.0043	346.0043	0.0560	6.7900e-003	349.4257
NaturalGas Mitigated	0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.2867	188.2867	3.6100e-003	3.4500e-003	189.4056
NaturalGas Unmitigated	0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.2867	188.2867	3.6100e-003	3.4500e-003	189.4056

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Industrial Park	3.52836e+006	0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.2867	188.2867	3.6100e-003	3.4500e-003	189.4056
Total		0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.2867	188.2867	3.6100e-003	3.4500e-003	189.4056

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Industrial Park	3.52836e+006	0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.2867	188.2867	3.6100e-003	3.4500e-003	189.4056
Total		0.0190	0.1730	0.1453	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.2867	188.2867	3.6100e-003	3.4500e-003	189.4056

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Industrial Park	3.73963e+006	346.0043	0.0560	6.7900e-003	349.4257
Total		346.0043	0.0560	6.7900e-003	349.4257

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Industrial Park	3.73963e+006	346.0043	0.0560	6.7900e-003	349.4257
Total		346.0043	0.0560	6.7900e-003	349.4257

6.0 Area Detail

6.1 Mitigation Measures Area

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.1032	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003
Unmitigated	1.1032	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-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	tons/yr										MT/yr					
Architectural Coating	0.2524					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003
Total	1.1032	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2524					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003
Total	1.1032	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8900e-003	3.8900e-003	1.0000e-005	0.0000	4.1400e-003

7.0 Water Detail

7.1 Mitigation Measures Water

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	43.0353	0.0654	0.0393	56.3661
Unmitigated	43.0353	0.0654	0.0393	56.3661

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Industrial Park	50.3663 / 0	43.0353	0.0654	0.0393	56.3661
Total		43.0353	0.0654	0.0393	56.3661

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Industrial Park	50.3663 / 0	43.0353	0.0654	0.0393	56.3661
Total		43.0353	0.0654	0.0393	56.3661

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	56.0837	2.7810	0.0000	125.6088
Unmitigated	56.0837	2.7810	0.0000	125.6088

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Industrial Park	270.07	56.0837	2.7810	0.0000	125.6088
Total		56.0837	2.7810	0.0000	125.6088

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Industrial Park	270.07	56.0837	2.7810	0.0000	125.6088
Total		56.0837	2.7810	0.0000	125.6088

9.0 Operational Offroad

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

SMVRR Equipment - Santa Barbara County APCD Air District, Annual

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

SMVRR Equipment

Santa Barbara County APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	217.80	1000sqft	5.00	217,800.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.9	Precipitation Freq (Days)	37
Climate Zone	4			Operational Year	2030
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MW hr)	203.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Waste transport to SMVRR 2024-2029. Assume equipment installed at start of Period 1 (Dec 2024).

Land Use - Betteravia Industrial park is 5 acres (SMVRR website).

Construction Phase - Period 1 12/1/2024 through 12/31/2029. Adjusted end date to account for 4 day work weeks.

Off-road Equipment - Generator set based on requirements for gantry lift system. Other equipment based on defaults or similar models

Trips and VMT - Assume 10 workers per day at one railyard. Used default trip length. 99 haul trips over distance from DCPD to SMVR (roughly 50 miles)

Energy Use -

Construction Off-road Equipment Mitigation - Assume Tier 4 final for hp >100 and Tier 4 interim for hp <100.

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	1,060.00
tblConstructionPhase	PhaseEndDate	12/6/2024	12/22/2028
tblOffRoadEquipment	HorsePower	84.00	369.00
tblOffRoadEquipment	HorsePower	172.00	24.80
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.31	0.31
tblOffRoadEquipment	LoadFactor	0.40	0.40
tblOffRoadEquipment	OffRoadEquipmentType	Rubber Tired Dozers	Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Aerial Lifts
tblOffRoadEquipment	OffRoadEquipmentType		Rough Terrain Forklifts
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	0.00	99.00
tblTripsAndVMT	WorkerTripNumber	25.00	10.00

2.0 Emissions Summary

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.5359	11.2801	12.4669	0.0441	0.0672	0.3791	0.4463	0.0179	0.3611	0.3790	0.0000	4,679.355 2	4,679.355 2	0.6727	4.1700e- 003	4,697.416 2
2025	1.4626	10.0453	12.3468	0.0441	0.0672	0.3257	0.3930	0.0179	0.3101	0.3280	0.0000	4,676.699 3	4,676.699 3	0.6723	4.0200e- 003	4,694.704 4
2026	1.4613	10.0428	12.3339	0.0441	0.0672	0.3257	0.3929	0.0179	0.3101	0.3279	0.0000	4,674.842 9	4,674.842 9	0.6722	3.8700e- 003	4,692.802 7
2027	1.4600	10.0405	12.3250	0.0440	0.0672	0.3257	0.3929	0.0179	0.3100	0.3279	0.0000	4,673.174 3	4,673.174 3	0.6721	3.7500e- 003	4,691.093 1
2028	1.4589	10.0386	12.3177	0.0440	0.0672	0.3257	0.3929	0.0179	0.3100	0.3279	0.0000	4,671.642 7	4,671.642 7	0.6721	3.6300e- 003	4,689.525 7
Maximum	1.5359	11.2801	12.4669	0.0441	0.0672	0.3791	0.4463	0.0179	0.3611	0.3790	0.0000	4,679.355 2	4,679.355 2	0.6727	4.1700e- 003	4,697.416 2

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

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	6.0458	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507
Energy	0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217
Mobile	1.3933	1.5749	12.2950	0.0231	2.9665	0.0165	2.9830	0.7925	0.0154	0.8079		2,357.7498	2,357.7498	0.1783	0.1295	2,400.7968
Total	7.5434	2.5228	13.1132	0.0288	2.9665	0.0886	3.0551	0.7925	0.0875	0.8800		3,495.0610	3,495.0610	0.2002	0.1504	3,544.8693

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	6.0458	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507
Energy	0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217
Mobile	1.3933	1.5749	12.2950	0.0231	2.9665	0.0165	2.9830	0.7925	0.0154	0.8079		2,357.7498	2,357.7498	0.1783	0.1295	2,400.7968
Total	7.5434	2.5228	13.1132	0.0288	2.9665	0.0886	3.0551	0.7925	0.0875	0.8800		3,495.0610	3,495.0610	0.2002	0.1504	3,544.8693

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	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	SMVR Operations	Site Preparation	12/1/2024	12/22/2028	5	1060	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
SMVR Operations	Generator Sets	2	4.00	369	0.74
SMVR Operations	Off-Highway Trucks	2	4.00	402	0.38
SMVR Operations	Other Construction Equipment	2	4.00	24.8	0.42
SMVR Operations	Aerial Lifts	2	4.00	63	0.31
SMVR Operations	Rough Terrain Forklifts	2	4.00	100	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
SMVR Operations	10	10.00	0.00	99.00	8.30	6.40	50.00	LD_Mix	HDT_Mix	HHDT

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

3.2 SMVR Operations - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5096	11.2286	12.2723	0.0435		0.3785	0.3785		0.3606	0.3606		4,613.792 2	4,613.792 2	0.6696		4,630.532 9
Total	1.5096	11.2286	12.2723	0.0435		0.3785	0.3785		0.3606	0.3606		4,613.792 2	4,613.792 2	0.6696		4,630.532 9

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5000e-004	0.0347	8.1600e-003	1.4000e-004	4.0600e-003	2.8000e-004	4.3500e-003	1.1100e-003	2.7000e-004	1.3800e-003		15.4063	15.4063	1.1400e-003	2.4700e-003	16.1714
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0259	0.0168	0.1864	5.0000e-004	0.0632	2.9000e-004	0.0635	0.0168	2.7000e-004	0.0170		50.1568	50.1568	1.9100e-003	1.7000e-003	50.7119
Total	0.0263	0.0515	0.1946	6.4000e-004	0.0672	5.7000e-004	0.0678	0.0179	5.4000e-004	0.0184		65.5630	65.5630	3.0500e-003	4.1700e-003	66.8833

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	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.7922	4,613.7922	0.6696		4,630.5329
Total	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.7922	4,613.7922	0.6696		4,630.5329

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5000e-004	0.0347	8.1600e-003	1.4000e-004	4.0600e-003	2.8000e-004	4.3500e-003	1.1100e-003	2.7000e-004	1.3800e-003		15.4063	15.4063	1.1400e-003	2.4700e-003	16.1714
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0259	0.0168	0.1864	5.0000e-004	0.0632	2.9000e-004	0.0635	0.0168	2.7000e-004	0.0170		50.1568	50.1568	1.9100e-003	1.7000e-003	50.7119
Total	0.0263	0.0515	0.1946	6.4000e-004	0.0672	5.7000e-004	0.0678	0.0179	5.4000e-004	0.0184		65.5630	65.5630	3.0500e-003	4.1700e-003	66.8833

3.2 SMVR Operations - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848
Total	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.3000e-004	0.0335	8.3100e-003	1.3000e-004	4.0600e-003	2.8000e-004	4.3400e-003	1.1100e-003	2.6000e-004	1.3700e-003		15.1199	15.1199	1.1900e-003	2.4300e-003	15.8733
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0244	0.0151	0.1740	4.8000e-004	0.0632	2.8000e-004	0.0634	0.0168	2.6000e-004	0.0170		48.5294	48.5294	1.7400e-003	1.5900e-003	49.0463
Total	0.0248	0.0486	0.1823	6.1000e-004	0.0672	5.6000e-004	0.0678	0.0179	5.2000e-004	0.0184		63.6493	63.6493	2.9300e-003	4.0200e-003	64.9197

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	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848
Total	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.3000e-004	0.0335	8.3100e-003	1.3000e-004	4.0600e-003	2.8000e-004	4.3400e-003	1.1100e-003	2.6000e-004	1.3700e-003		15.1199	15.1199	1.1900e-003	2.4300e-003	15.8733
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0244	0.0151	0.1740	4.8000e-004	0.0632	2.8000e-004	0.0634	0.0168	2.6000e-004	0.0170		48.5294	48.5294	1.7400e-003	1.5900e-003	49.0463
Total	0.0248	0.0486	0.1823	6.1000e-004	0.0672	5.6000e-004	0.0678	0.0179	5.2000e-004	0.0184		63.6493	63.6493	2.9300e-003	4.0200e-003	64.9197

3.2 SMVR Operations - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848
Total	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.2000e-004	0.0324	8.4200e-003	1.3000e-004	4.0600e-003	2.7000e-004	4.3300e-003	1.1100e-003	2.6000e-004	1.3700e-003		14.8295	14.8295	1.2400e-003	2.3800e-003	15.5708
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0230	0.0136	0.1610	4.6000e-004	0.0632	2.6000e-004	0.0634	0.0168	2.4000e-004	0.0170		46.9634	46.9634	1.5800e-003	1.4900e-003	47.4471
Total	0.0234	0.0461	0.1694	5.9000e-004	0.0672	5.3000e-004	0.0677	0.0179	5.0000e-004	0.0184		61.7929	61.7929	2.8200e-003	3.8700e-003	63.0179

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	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848
Total	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.2000e-004	0.0324	8.4200e-003	1.3000e-004	4.0600e-003	2.7000e-004	4.3300e-003	1.1100e-003	2.6000e-004	1.3700e-003		14.8295	14.8295	1.2400e-003	2.3800e-003	15.5708
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0230	0.0136	0.1610	4.6000e-004	0.0632	2.6000e-004	0.0634	0.0168	2.4000e-004	0.0170		46.9634	46.9634	1.5800e-003	1.4900e-003	47.4471
Total	0.0234	0.0461	0.1694	5.9000e-004	0.0672	5.3000e-004	0.0677	0.0179	5.0000e-004	0.0184		61.7929	61.7929	2.8200e-003	3.8700e-003	63.0179

3.2 SMVR Operations - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848
Total	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.0000e-004	0.0314	8.5400e-003	1.3000e-004	4.0600e-003	2.6000e-004	4.3200e-003	1.1100e-003	2.5000e-004	1.3600e-003		14.5132	14.5132	1.2700e-003	2.3400e-003	15.2409
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0218	0.0124	0.1519	4.5000e-004	0.0632	2.4000e-004	0.0634	0.0168	2.2000e-004	0.0170		45.6110	45.6110	1.4600e-003	1.4100e-003	46.0675
Total	0.0222	0.0438	0.1605	5.8000e-004	0.0672	5.0000e-004	0.0677	0.0179	4.7000e-004	0.0183		60.1243	60.1243	2.7300e-003	3.7500e-003	61.3084

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	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848
Total	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.0000e-004	0.0314	8.5400e-003	1.3000e-004	4.0600e-003	2.6000e-004	4.3200e-003	1.1100e-003	2.5000e-004	1.3600e-003		14.5132	14.5132	1.2700e-003	2.3400e-003	15.2409
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0218	0.0124	0.1519	4.5000e-004	0.0632	2.4000e-004	0.0634	0.0168	2.2000e-004	0.0170		45.6110	45.6110	1.4600e-003	1.4100e-003	46.0675
Total	0.0222	0.0438	0.1605	5.8000e-004	0.0672	5.0000e-004	0.0677	0.0179	4.7000e-004	0.0183		60.1243	60.1243	2.7300e-003	3.7500e-003	61.3084

3.2 SMVR Operations - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848
Total	1.4379	9.9967	12.1645	0.0435		0.3252	0.3252		0.3096	0.3096		4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.9000e-004	0.0305	8.6600e-003	1.2000e-004	4.0600e-003	2.5000e-004	4.3200e-003	1.1100e-003	2.4000e-004	1.3500e-003		14.2079	14.2079	1.3100e-003	2.2900e-003	14.9224
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0207	0.0114	0.1445	4.4000e-004	0.0632	2.3000e-004	0.0634	0.0168	2.1000e-004	0.0170		44.3848	44.3848	1.3500e-003	1.3400e-003	44.8185
Total	0.0211	0.0419	0.1532	5.6000e-004	0.0672	4.8000e-004	0.0677	0.0179	4.5000e-004	0.0183		58.5927	58.5927	2.6600e-003	3.6300e-003	59.7409

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	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848
Total	0.5351	3.0788	20.4424	0.0435		0.1042	0.1042		0.1042	0.1042	0.0000	4,613.0500	4,613.0500	0.6694		4,629.7848

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

3.2 SMVR Operations - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.9000e-004	0.0305	8.6600e-003	1.2000e-004	4.0600e-003	2.5000e-004	4.3200e-003	1.1100e-003	2.4000e-004	1.3500e-003		14.2079	14.2079	1.3100e-003	2.2900e-003	14.9224
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0207	0.0114	0.1445	4.4000e-004	0.0632	2.3000e-004	0.0634	0.0168	2.1000e-004	0.0170		44.3848	44.3848	1.3500e-003	1.3400e-003	44.8185
Total	0.0211	0.0419	0.1532	5.6000e-004	0.0672	4.8000e-004	0.0677	0.0179	4.5000e-004	0.0183		58.5927	58.5927	2.6600e-003	3.6300e-003	59.7409

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.3933	1.5749	12.2950	0.0231	2.9665	0.0165	2.9830	0.7925	0.0154	0.8079		2,357.7498	2,357.7498	0.1783	0.1295	2,400.7968
Unmitigated	1.3933	1.5749	12.2950	0.0231	2.9665	0.0165	2.9830	0.7925	0.0154	0.8079		2,357.7498	2,357.7498	0.1783	0.1295	2,400.7968

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	733.99	553.21	270.07	1,226,595	1,226,595
Total	733.99	553.21	270.07	1,226,595	1,226,595

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
Industrial Park	6.60	5.50	6.40	59.00	28.00	13.00	79	19	2

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.514923	0.057522	0.206064	0.138974	0.023636	0.006062	0.011219	0.006223	0.000940	0.000535	0.027699	0.003185	0.003017

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217
NaturalGas Unmitigated	0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217

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					
Industrial Park	9666.74	0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217
Total		0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

5.2 Energy by Land Use - Natural Gas

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					
Industrial Park	9.66674	0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217
Total		0.1043	0.9477	0.7961	5.6900e-003		0.0720	0.0720		0.0720	0.0720		1,137.2635	1,137.2635	0.0218	0.0209	1,144.0217

6.0 Area Detail

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	6.0458	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507
Unmitigated	6.0458	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.3829					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.6609					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0200e-003	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507
Total	6.0458	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.3829					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.6609					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0200e-003	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507
Total	6.0458	2.0000e-004	0.0221	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0477	0.0477	1.2000e-004		0.0507

7.0 Water Detail

7.1 Mitigation Measures Water

SMVRR Equipment - Santa Barbara County APCD Air District, Winter

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

Appendix D2

Proposed Project AQ and GHG Emissions Phase 2

D2.1 Phase 2 Summary AQ and GHG Emissions

D2.2 Phase 2 Truck Emissions Calculations

D2.3 Phase 2 Construction Emissions Calculations

D2.4 Phase 2 Operational Emission Calculations

D2.5 Phase 2 CalEEMod Output Files

Appendix D2.1

Phase 2 Summary AQ and GHG Emissions

Emission Calculations for Phase 2

Activity Data

Activity Data is from PG&E Letter DCL-21-072 (October 6, 2021) - Responses to August 9, 2021 Information Hold Letter and September 17, 2021 Comments. Equipment data provided as pdf table in Response to GC-3.

Calculations are for AQ and GHG emissions for Phase 2 of Proposed Project

Subphases were created by grouping together similar tasks that would be completed together and within the same time scale, to align with PG&E's activity breakdowns.

AQ Emissions Basis:

Daily Maximum values were used to provide most conservative estimate of possible maximum daily emissions

To calculate maximum values, the total hours of usage per equipment type was divided by the total days of that equipment type. This gives an appropriate approximate estimate of daily hourly usage.

The hours resulting were multiplied by 1.25. This 25% increase provides a more conservative estimate to account for any deviations from average daily usage.

All equipment hours were included for all of the days within each sub phase. This calculation is also inherently conservative, as the equipment days are equal to or less than the total days in a subphase.

GHG Emissions Basis:

Using the above methodology would overestimate overall activity and result in an overprediction of GHG emissions.

GHG emissions begin with the daily usage, where the total hours of equipment usage was divided by the total days in the subphase that equipment was being used. Since GHG emissions are calculated as yearly totals rather than daily like AQ, the yearly usage is a more appropriate basis than daily.

Table 1.1

Air Quality

Mitigated Construction

	NOx	ROG	PM10 Total	PM2.5 Total	CO	SO2	Fugitive PM10	Exhaust PM10	Fugitive PM2.5	Exhaust PM2.5
Year	lb/day									
2032	19.7012	6.0399	10.1169	3.1416	78.8491	0.1829	9.4782	0.6388	2.5051	0.6365
2033	19.6392	5.9481	17.1412	4.4694	78.3749	0.1819	17.0158	0.6371	4.3458	0.6350
2034	3.5088	2.4037	17.1398	4.4680	25.0195	0.0861	17.0158	0.1240	4.3458	0.1223
2035	18.2626	8.7165	17.1073	4.4357	85.9085	0.2549	17.0158	0.6550	4.3458	0.6534
2036	12.3438	7.7542	32.9353	8.3756	65.3749	0.2228	32.7724	0.4419	8.2143	0.4401
2037	3.9384	2.6813	9.1618	2.5241	26.2089	0.0987	9.0307	0.1311	2.3946	0.1294
2038	3.9384	2.6813	9.1618	2.5241	26.2089	0.0987	9.0307	0.1311	2.3946	0.1294
2039	3.9384	2.6813	9.1618	2.5241	26.2089	0.0987	9.0307	0.1311	2.3946	0.1294
Maximum	19.70	8.72	32.94	8.38	85.91	0.25	32.77	0.66	8.21	0.65

Table 1.2

Mitigated Operational

	NOx	ROG	PM10 Total	PM2.5 Total	CO	SO2	Fugitive PM10	Exhaust PM10	Fugitive PM2.5	Exhaust PM2.5
Category	lb/day									
Area	0.0302	0.3075	0.0119	0.0119	3.3303	2.5000e-004		0.0119		0.0119
Energy	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000		0.0000
Mobile	1.33	0.99	0.30	0.1267	9.55	0.0184	0.28	0.0155	0.11	0.0145
Total	1.36	1.30	0.31	0.1386	12.88	0.0187	0.28	0.0274	0.11	0.0264

GHG

Mitigated Construction

	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	MT/yr					
2032	0	1346	1346	0	0	1351
2033	0	728	728	0	0	733
2034	0	681	681	0	0	685
2035	0	1581	1581	0	0	1586
2036	0	1068	1068	0	0	1073
2037	0	823	823	0	0	827
2038	0	823	823	0	0	827
2039	0	612	612	0	0	615
Total	0	7663	7663	0	0	7698

Mitigated Operational

	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	MT/yr					
Area	0.00	5.84E-01	5.84E-01	1.52E-03	0.00	6.22E-01
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	310.32	310.32	2.11E-02	1.56E-02	315.48
Waste	6.09E-03	0.00	6.09E-03	3.60E-04	0.00	1.51E-02
Water	0.00	0.00	0.00	0.00	0.00	0.00
Total	0	311	311	0	0	316

Appendix D2.2

Phase 2 Truck Emissions Calculations

Activity	Equipment Type	Decommissioning Phase 2(2032 – 2039)										
		Air Quality										
		Duration (Days)	Run Time (Hours)	Hours per Day Peak Use	25% contingency factor	Sum of total peak hours per equipment type	Hours Per Day Per Unit, Peak Usage	Equipment Count, Daily Peak Use	Hours per Day Average Use	average hours per equipment type	Hours Per Day, Peak Usage	Equipment Count, Daily Peak Use
Demolition	Haul Truck	237	2372	10	13	13	8	2	10	10	8	1
Mobilization and Site Preparation	Pickup- 3/4T	2	20	34	43	43	8	5	10	10	8	1
Soil Remediation	Pickup- 1/2T	1	10	54	67	122	8	15	10	20	8	3
Soil Remediation	Water Tanker Trucks-Off High	1	10	59	73	73	8	9	10	10	8	1
Soil Remediation	Pickup- 3/4T	1	10	44	55				10			
Revegetation	Pickup - 1/2T	574	2868	5	6	19	8	2	5	15	8	2
Revegetation	Flatbed Truck with Liftgate	20	200	10	13				10			
Mobilization and Site Prep Landscape	Water Tanker Trucks-Off High	3	58	41	52	52	8	6	19	19	8	2
Mobilization and Site Prep Landscape	Articulated Dump Truck, Off	3	66	44	55	55	8	7	22	22	8	3
Mass Excavation	Water Tanker Trucks-Off High	233	4669	60	75	75	8	9	20	20	8	3
Mass Excavation	Articulated Dump Truck, Off	233	9338	60	75	75	8	9	40	40	8	5
Mass Excavation	Pickup- 3/4T	233	2335	20	25	25	8	3	10	10	8	1
Backfill Building Foundation	Water Tanker Trucks-Off High	21	215	21	27	27	8	3	10	10	8	1
Backfill Tunnels	Pickup- 3/4T	20	200	10	13	13	8	2	10	10	8	1
Backfill and Grading of Zones	Pickup- 3/4T	2	20	30	37	37	8	5	10	10	8	1
Backfill and Grading of Zones	Water Tanker Trucks-Off High	2	20	50	62	62	8	8	10	10	8	1
Erosion Control and Restoration	Pickup- 1/2T	3	112	122	153	176	8	22	37	56	8	7
Erosion Control and Restoration	Pickup- 3/4T	3	56	19	23				19			
Erosion Control and Restoration	Water Tanker Trucks-Off High	9	174	19	24	24	8	3	19	19	8	2
Erosion Control and Restoration	Articulated Dump Truck, Off	9	87	10	12	12	8	2	10	10	8	1

		Waste Transportation Trips									
		Recyclable Metal	Hazardous/Regulated Waste	Clean Debris and Soil	Pickup Trips AQ	Pickup Trips GHG	Worker Trips	Total Truck Trips AQ	Total Truck Trips GHG	Water Truck Vendor Trips AQ	Water Truck Vendor Trips GHG
		total	total	total	/day	/day	/day	/day	/day	/day	/day
Demolition	255	42				540	540	540			
Mobilization and Site Preparation	6			5	1	540	545	541			
Soil Remediation	18	20		15	3	540	555	543	9	1	
Revegetation	574			2	2	540	542	542			
Mobilization and Site Prep Landscape	3					540	540	540			
Mass Excavation	233		60	3	1	540	543	541	9	3	
Backfill Building Foundation	21					540	540	540	3	1	
Backfill Tunnels	20			2	1	540	542	541			
Backfill and Grading of Zones	46			5	1	540	545	541	8	1	
Erosion Control and Restoration	9			22	7	540	562	547	3	2	
Movement and Stockpiling	574					540	540	540			

Appendix D2.3

Phase 2 Construction Emissions Calculations

	Number of Days
Demolition	255
Mobilization and Site Preparation	6
Soil Remediation	18
Revegetation	574
Mobilization and Site Prep Landscape	3
Mass Excavation	233
Backfill Building Foundation	21
Backfill Tunnels	20
Backfill and Grading of Zones	46
Erosion Control and Restoration	9
Movement and Stockpiling	574

Phase	Equipment Type	Air Quality		GHG	
		Amount	Hours	Amount	Hours / Day
Demolition	Aerial Lifts	2	7	1	2
Demolition	Crushing/Proc. Equipment	2	7	1	8
Demolition	Crushing/Proc. Equipment	2	7	1	6
Demolition	Excavators	2	7	2	6
Demolition	Forklifts	2	7	1	6
Demolition	Generator Sets	2	7	2	7
Demolition	Other Construction Equipment	2	7	1	8
Demolition	Paving Equipment	2	7	1	3
Demolition	Rubber Tired Loaders	2	7	1	8
Demolition	Skid Steer Loaders	2	7	2	5
Demolition	Welders	2	7	2	7
Mobilization and Site Preparation	Excavators	7	8	2	8
Mobilization and Site Preparation	Tractors/Loaders/Backhoes	6	8	2	5
Soil Remediation	Excavators	8	8	3	7
Soil Remediation	Graders	3	7	2	7
Soil Remediation	Off-Highway Tractors	3	7	2	7
Soil Remediation	Tractors/Loaders/Backhoes	9	8	3	7
Revegetation	Excavators	2	8	1	1
Revegetation	Graders	3	6	1	1
Mobilization and Site Prep Landscape	Excavators	7	8	7	8
Mobilization and Site Prep Landscape	Graders	4	7	4	7
Mobilization and Site Prep Landscape	Off-Highway Tractors	4	7	4	7
Mobilization and Site Prep Landscape	Tractors/Loaders/Backhoes	4	7	4	7
Mass Excavation	Excavators	7	8	5	7
Backfill Building Foundation	Plate Compactors	7	8	4	8
Backfill Building Foundation	Tractors/Loaders/Backhoes	7	8	4	8
Backfill Tunnels	Tractors/Loaders/Backhoes	4	7	4	7
Backfill Tunnels	Concrete Batch Plant	3	8	3	8
Backfill and Grading of Zones	Graders	4	7	2	7
Backfill and Grading of Zones	Off-Highway Tractors	11	8	7	8
Backfill and Grading of Zones	Plate Compactors	11	8	7	8
Erosion Control and Restoration	Excavators	4	7	3	6
Erosion Control and Restoration	Graders	3	8	4	7
Erosion Control and Restoration	Off-Highway Tractors	3	8	4	7
Erosion Control and Restoration	Rollers	2	7	2	7
Erosion Control and Restoration	Rubber Tired Loaders	2	6	2	7
Movement and Stockpiling	Rubber Tired Loaders	4	7	1	8

Grading Acres		101 acres
		697 total days
Mobilization and Site Preparation	6	0.9
Soil Remediation	18	2.6
Revegetation	574	83.2
Mobilization and Site Prep Landscape	3	0.4
Backfill Building Foundation	21	3.0
Backfill Tunnels	20	2.9
Backfill and Grading of Zones	46	6.7
Erosion Control and Restoration	9	1.3

Appendix D2.4

Phase 2 Operational Emissions Calculations

Vehicles Per Day

200 Visitors
5 Employees

32,670 x 1000 sqft

Vehicle trips in trips/100 sqft/ day
0.006275

Solid Waste Generation

Units of tons/year

205 people
128 grams/person/day
365 days/year

26240 grams/year

0.000001102 tons/gram

0.02891648 tons/year

Appendix D2.5

Phase 2 CalEEMod Output Files

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

Diablo Canyon Decommissioning Phase 2

South Central Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	32,670.00	1000sqft	750.00	32,670,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.9	Precipitation Freq (Days)	37
Climate Zone	4			Operational Year	2024
Utility Company					
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use -
- Construction Phase - Timing on Equipment List excel
- Off-road Equipment - equipment list
- Off-road Equipment - equipment sheet
- Off-road Equipment - equipment list, other equipment is batch plant
- Off-road Equipment - crushing processing are hydraulic breaker and hammers, other eq fogger mister
- Off-road Equipment - equipment list
- Off-road Equipment - equipment list
- Off-road Equipment - equipment excel
- Off-road Equipment - equipment list excel
- Off-road Equipment - equipment list

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

Off-road Equipment - equipment list excel

Off-road Equipment - equipment list

Trips and VMT - Water trucks for vendor trips

Demolition -

Grading - Grading tab

Vehicle Trips - marina usage

Road Dust - no operational

Consumer Products - no operational

Area Coating - no architectural coating

Energy Use - no operational

Water And Wastewater - no indoor water use

Solid Waste - no op

Construction Off-road Equipment Mitigation - APM AQ 1-5

Fleet Mix - all personal vehicles

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	0
tblAreaCoating	Area_EF_Nonresidential_Interior	250	0
tblAreaCoating	Area_EF_Parking	250	0
tblAreaCoating	Area_EF_Residential_Exterior	250	0
tblAreaCoating	Area_EF_Residential_Interior	250	0
tblAreaCoating	Area_Nonresidential_Exterior	16335000	0
tblAreaCoating	Area_Nonresidential_Interior	49005000	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	800.00	255.00
tblConstructionPhase	NumDays	800.00	574.00
tblConstructionPhase	NumDays	1,240.00	21.00

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

tblConstructionPhase	NumDays	1,240.00	20.00
tblConstructionPhase	NumDays	1,240.00	46.00
tblConstructionPhase	NumDays	480.00	9.00
tblConstructionPhase	NumDays	480.00	6.00
tblConstructionPhase	NumDays	480.00	18.00
tblConstructionPhase	NumDays	480.00	574.00
tblConstructionPhase	NumDays	480.00	3.00
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	3.08	0.00
tblEnergyUse	NT24E	3.70	0.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24E	1.32	0.00
tblEnergyUse	T24NG	19.51	0.00
tblGrading	AcresOfGrading	23.63	2.60
tblGrading	AcresOfGrading	645.75	83.20
tblGrading	AcresOfGrading	645.75	0.00
tblGrading	AcresOfGrading	5.25	0.40
tblGrading	AcresOfGrading	80.50	6.70
tblGrading	AcresOfGrading	13.50	1.30
tblOffRoadEquipment	HorsePower	124.00	260.00
tblOffRoadEquipment	HorsePower	124.00	260.00
tblOffRoadEquipment	HorsePower	203.00	400.00
tblOffRoadEquipment	HorsePower	203.00	400.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	9.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	11.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	9.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	7.00

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	11.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Backfill Building Foundation
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Erosion Control and Restoration
tblOffRoadEquipment	PhaseName		Mobilization and Site Preparation
tblOffRoadEquipment	PhaseName		Soil Remediation
tblOffRoadEquipment	PhaseName		Revegetation
tblOffRoadEquipment	PhaseName		Mobilization and Site Prep Landscape
tblOffRoadEquipment	PhaseName		Mass Excavation
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Erosion Control and Restoration
tblOffRoadEquipment	PhaseName		Soil Remediation
tblOffRoadEquipment	PhaseName		Revegetation
tblOffRoadEquipment	PhaseName		Mobilization and Site Prep Landscape
tblOffRoadEquipment	PhaseName		Erosion Control and Restoration
tblOffRoadEquipment	PhaseName		Soil Remediation
tblOffRoadEquipment	PhaseName		Mobilization and Site Prep Landscape
tblOffRoadEquipment	PhaseName		Backfill and Grading of Zones
tblOffRoadEquipment	PhaseName		Demolition

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

tblOffRoadEquipment	PhaseName		Erosion Control and Restoration
tblOffRoadEquipment	PhaseName		Mobilization and Site Prep Landscape
tblOffRoadEquipment	PhaseName		Mass Excavation
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Backfill Tunnels
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Backfill Building Foundation
tblOffRoadEquipment	PhaseName		Backfill and Grading of Zones
tblOffRoadEquipment	PhaseName		Erosion Control and Restoration
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Erosion Control and Restoration
tblOffRoadEquipment	PhaseName		Movement and Stockpiling
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	MobileAverageVehicleWeight	2.4	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	40,510.80	0.03
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripNumber	81.00	42.00
tblTripsAndVMT	HaulingTripNumber	0.00	20.00
tblTripsAndVMT	HaulingTripNumber	0.00	60.00
tblTripsAndVMT	VendorTripLength	7.30	13.00
tblTripsAndVMT	VendorTripLength	7.30	13.00
tblTripsAndVMT	VendorTripLength	7.30	13.00

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

tbITripsAndVMT	VendorTripLength	7.30	13.00
tbITripsAndVMT	VendorTripLength	7.30	13.00
tbITripsAndVMT	VendorTripLength	7.30	13.00
tbITripsAndVMT	VendorTripLength	7.30	13.00
tbITripsAndVMT	VendorTripLength	7.30	13.00
tbITripsAndVMT	VendorTripLength	7.30	13.00
tbITripsAndVMT	VendorTripLength	7.30	13.00
tbITripsAndVMT	VendorTripLength	7.30	13.00
tbITripsAndVMT	VendorTripLength	7.30	13.00
tbITripsAndVMT	VendorTripLength	7.30	13.00
tbITripsAndVMT	VendorTripNumber	0.00	3.00
tbITripsAndVMT	VendorTripNumber	0.00	9.00
tbITripsAndVMT	VendorTripNumber	0.00	9.00
tbITripsAndVMT	VendorTripNumber	0.00	3.00
tbITripsAndVMT	VendorTripNumber	0.00	8.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripLength	10.80	22.00
tbITripsAndVMT	WorkerTripNumber	60.00	540.00
tbITripsAndVMT	WorkerTripNumber	103.00	562.00
tbITripsAndVMT	WorkerTripNumber	10.00	540.00

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

tblTripsAndVMT	WorkerTripNumber	48.00	545.00
tblTripsAndVMT	WorkerTripNumber	120.00	555.00
tblTripsAndVMT	WorkerTripNumber	20.00	542.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	65.00	540.00
tblTripsAndVMT	WorkerTripNumber	50.00	543.00
tblTripsAndVMT	WorkerTripNumber	35.00	540.00
tblTripsAndVMT	WorkerTripNumber	15.00	542.00
tblTripsAndVMT	WorkerTripNumber	78.00	545.00
tblVehicleTrips	ST_TR	6.42	0.01
tblVehicleTrips	SU_TR	5.09	0.01
tblVehicleTrips	WD_TR	3.93	0.01
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	IndoorWaterUseRate	7,554,937,500.00	0.00

2.0 Emissions Summary

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

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					
2032	6.7773	24.0318	77.1281	0.1829	9.5624	0.7442	10.3067	2.5142	0.7420	3.2561	0.0000	18,103.8671	18,103.8671	0.5460	0.1758	18,153.2740
2033	6.6854	22.5178	76.6540	0.1819	17.1003	0.7426	17.2456	4.3549	0.7405	4.4983	0.0000	17,640.4419	17,640.4419	0.5411	0.1717	17,705.1434
2034	2.5997	3.9839	23.9624	0.0861	17.1003	0.1439	17.2442	4.3549	0.1421	4.4970	0.0000	8,508.0562	8,508.0562	0.1638	0.1155	8,546.5745
2035	9.3104	19.7480	83.8224	0.2549	17.1003	0.7161	17.2016	4.3549	0.7144	4.4545	0.0000	26,271.4460	26,271.4460	0.7494	0.1558	26,323.8333
2036	7.9370	12.4839	64.9252	0.2228	32.8557	0.4512	33.0347	8.2233	0.4494	8.4006	0.0000	23,785.1226	23,785.1226	0.6411	0.1558	23,847.5699
2037	3.1122	4.4515	22.5122	0.0987	9.0307	0.1541	9.1848	2.3946	0.1525	2.5471	0.0000	10,530.0005	10,530.0005	0.2127	0.1129	10,568.9698
2038	3.1122	4.4515	22.5122	0.0987	9.0307	0.1541	9.1848	2.3946	0.1525	2.5471	0.0000	10,530.0005	10,530.0005	0.2127	0.1129	10,568.9698
2039	3.1122	4.4515	22.5122	0.0987	9.0307	0.1541	9.1848	2.3946	0.1525	2.5471	0.0000	10,530.0005	10,530.0005	0.2127	0.1129	10,568.9698
Maximum	9.3104	24.0318	83.8224	0.2549	32.8557	0.7442	33.0347	8.2233	0.7420	8.4006	0.0000	26,271.4460	26,271.4460	0.7494	0.1758	26,323.8333

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

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	0.3075	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166
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	0.9945	1.3323	9.5539	0.0184	0.2816	0.0155	0.2971	0.1122	0.0145	0.1267		1,874.4016	1,874.4016	0.1317	0.0956	1,906.1706
Total	1.3019	1.3626	12.8842	0.0187	0.2816	0.0274	0.3089	0.1122	0.0264	0.1386		1,881.5515	1,881.5515	0.1504	0.0956	1,913.7871

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	0.3075	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166
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	0.9945	1.3323	9.5539	0.0184	0.2816	0.0155	0.2971	0.1122	0.0145	0.1267		1,874.4016	1,874.4016	0.1317	0.0956	1,906.1706
Total	1.3019	1.3626	12.8842	0.0187	0.2816	0.0274	0.3089	0.1122	0.0264	0.1386		1,881.5515	1,881.5515	0.1504	0.0956	1,913.7871

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	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	1/1/2032	12/22/2032	5	255	
2	Mobilization and Site Preparation	Site Preparation	12/23/2032	12/30/2032	5	6	
3	Soil Remediation	Site Preparation	12/31/2032	1/25/2033	5	18	
4	Revegetation	Site Preparation	1/26/2033	4/9/2035	5	574	
5	Mobilization and Site Prep Landscape	Site Preparation	4/10/2035	4/12/2035	5	3	
6	Mass Excavation	Trenching	4/15/2035	3/5/2036	5	233	
7	Backfill Building Foundation	Grading	3/6/2036	4/3/2036	5	21	
8	Backfill Tunnels	Grading	4/4/2036	5/1/2036	5	20	
9	Backfill and Grading of Zones	Grading	5/2/2036	7/4/2036	5	46	
10	Erosion Control and Restoration	Site Preparation	7/7/2036	7/17/2036	5	9	
11	Movement and Stockpiling	Demolition	7/18/2036	9/29/2039	5	574	

Acres of Grading (Site Preparation Phase): 0.9

Acres of Grading (Grading Phase): 3

Acres of Paving: 0

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

OffRoad Equipment

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Aerial Lifts	2	7.00	63	0.31
Demolition	Crushing/Proc. Equipment	2	7.00	85	0.78
Demolition	Crushing/Proc. Equipment	2	7.00	85	0.78
Demolition	Excavators	2	7.00	158	0.38
Demolition	Forklifts	2	7.00	89	0.20
Demolition	Generator Sets	2	7.00	84	0.74
Demolition	Off-Highway Trucks	2	8.00	402	0.38
Demolition	Other Construction Equipment	2	7.00	172	0.42
Demolition	Paving Equipment	2	7.00	132	0.36
Demolition	Rubber Tired Loaders	2	7.00	203	0.36
Demolition	Skid Steer Loaders	2	7.00	65	0.37
Demolition	Welders	2	7.00	46	0.45
Mobilization and Site Preparation	Excavators	7	8.00	158	0.38
Mobilization and Site Preparation	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Soil Remediation	Excavators	8	8.00	158	0.38
Soil Remediation	Graders	3	7.00	187	0.41
Soil Remediation	Off-Highway Tractors	3	7.00	124	0.44
Soil Remediation	Tractors/Loaders/Backhoes	9	8.00	97	0.37
Revegetation	Excavators	2	8.00	158	0.38
Revegetation	Graders	3	6.00	187	0.41
Mobilization and Site Prep Landscape	Excavators	7	8.00	158	0.38
Mobilization and Site Prep Landscape	Graders	4	7.00	187	0.41
Mobilization and Site Prep Landscape	Off-Highway Tractors	4	7.00	124	0.44
Mobilization and Site Prep Landscape	Off-Highway Trucks	7	8.00	402	0.38
Mobilization and Site Prep Landscape	Tractors/Loaders/Backhoes	4	7.00	97	0.37
Mass Excavation	Excavators	7	8.00	158	0.38
Mass Excavation	Off-Highway Trucks	9	8.00	402	0.38
Backfill Building Foundation	Aerial Lifts	0		63	0.31

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

Backfill Building Foundation	Plate Compactors	7	8.00	8	0.43
Backfill Building Foundation	Tractors/Loaders/Backhoes	7	8.00	97	0.37
Backfill Tunnels	Other Construction Equipment	3	8.00	172	0.42
Backfill Tunnels	Tractors/Loaders/Backhoes	4	7.00	97	0.37
Backfill and Grading of Zones	Graders	4	7.00	187	0.41
Backfill and Grading of Zones	Off-Highway Tractors	11	8.00	260	0.44
Backfill and Grading of Zones	Plate Compactors	11	8.00	8	0.43
Erosion Control and Restoration	Excavators	4	7.00	158	0.38
Erosion Control and Restoration	Graders	3	8.00	187	0.41
Erosion Control and Restoration	Off-Highway Tractors	3	8.00	260	0.44
Erosion Control and Restoration	Off-Highway Trucks	2	8.00	402	0.38
Erosion Control and Restoration	Rollers	2	7.00	80	0.38
Erosion Control and Restoration	Rubber Tired Loaders	2	6.00	400	0.36
Movement and Stockpiling	Rubber Tired Loaders	4	7.00	400	0.36

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	24	540.00	0.00	42.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Mobilization and Site Preparation	19	545.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Soil Remediation	48	555.00	9.00	20.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Revegetation	8	542.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Revegetation	8	0.00	0.00	0.00	22.00	13.00	0.00	LD_Mix	HDT_Mix	HHDT
Mobilization and Site Prep Landscape	26	540.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Mass Excavation	20	543.00	9.00	60.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Backfill Building Foundation	14	540.00	3.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Backfill Tunnels	6	542.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Backfill and Grading of Zones	31	545.00	8.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

Erosion Control and Restoration	41	562.00	3.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Movement and Stockpiling	4	540.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2032

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					0.0706	0.0000	0.0706	0.0107	0.0000	0.0107			0.0000			0.0000
Off-Road	4.9858	23.1276	57.4980	0.1257		0.6242	0.6242		0.6242	0.6242		12,353.74 51	12,353.74 51	0.4401		12,364.74 77
Total	4.9858	23.1276	57.4980	0.1257	0.0706	0.6242	0.6948	0.0107	0.6242	0.6349		12,353.74 51	12,353.74 51	0.4401		12,364.74 77

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.2 Demolition - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1000e-004	0.0199	6.8200e-003	8.0000e-005	2.8800e-003	1.5000e-004	3.0300e-003	7.9000e-004	1.5000e-004	9.4000e-004		9.0000	9.0000	8.1000e-004	1.4400e-003	9.4504
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6553	0.8843	14.1775	0.0568	9.0307	0.0250	9.0558	2.3946	0.0230	2.4177		5,741.1220	5,741.1220	0.0751	0.1211	5,779.0759
Total	1.6557	0.9042	14.1844	0.0569	9.0336	0.0252	9.0588	2.3954	0.0232	2.4186		5,750.1220	5,750.1220	0.0760	0.1225	5,788.5263

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					0.0318	0.0000	0.0318	4.8100e-003	0.0000	4.8100e-003			0.0000			0.0000
Off-Road	3.7596	17.6595	59.8945	0.1257		0.4363	0.4363		0.4363	0.4363	0.0000	12,353.7451	12,353.7451	0.4401		12,364.7477
Total	3.7596	17.6595	59.8945	0.1257	0.0318	0.4363	0.4681	4.8100e-003	0.4363	0.4411	0.0000	12,353.7451	12,353.7451	0.4401		12,364.7477

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.2 Demolition - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1000e-004	0.0199	6.8200e-003	8.0000e-005	2.8800e-003	1.5000e-004	3.0300e-003	7.9000e-004	1.5000e-004	9.4000e-004		9.0000	9.0000	8.1000e-004	1.4400e-003	9.4504
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6553	0.8843	14.1775	0.0568	9.0307	0.0250	9.0558	2.3946	0.0230	2.4177		5,741.1220	5,741.1220	0.0751	0.1211	5,779.0759
Total	1.6557	0.9042	14.1844	0.0569	9.0336	0.0252	9.0588	2.3954	0.0232	2.4186		5,750.1220	5,750.1220	0.0760	0.1225	5,788.5263

3.3 Mobilization and Site Preparation - 2032

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					0.1591	0.0000	0.1591	0.0172	0.0000	0.0172			0.0000			0.0000
Off-Road	2.6119	10.0594	38.9921	0.0673		0.2844	0.2844		0.2844	0.2844		6,370.8693	6,370.8693	0.2320		6,376.6689
Total	2.6119	10.0594	38.9921	0.0673	0.1591	0.2844	0.4435	0.0172	0.2844	0.3016		6,370.8693	6,370.8693	0.2320		6,376.6689

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.3 Mobilization and Site Preparation - 2032

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6707	0.8925	14.3088	0.0573	9.1143	0.0253	9.1396	2.4168	0.0233	2.4401		5,794.2806	5,794.2806	0.0758	0.1222	5,832.5859
Total	1.6707	0.8925	14.3088	0.0573	9.1143	0.0253	9.1396	2.4168	0.0233	2.4401		5,794.2806	5,794.2806	0.0758	0.1222	5,832.5859

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					0.0716	0.0000	0.0716	7.7300e-003	0.0000	7.7300e-003			0.0000			0.0000
Off-Road	2.2789	8.8770	39.4401	0.0673		0.2510	0.2510		0.2510	0.2510	0.0000	6,370.8693	6,370.8693	0.2320		6,376.6689
Total	2.2789	8.8770	39.4401	0.0673	0.0716	0.2510	0.3226	7.7300e-003	0.2510	0.2588	0.0000	6,370.8693	6,370.8693	0.2320		6,376.6689

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.3 Mobilization and Site Preparation - 2032

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6707	0.8925	14.3088	0.0573	9.1143	0.0253	9.1396	2.4168	0.0233	2.4401		5,794.2806	5,794.2806	0.0758	0.1222	5,832.5859
Total	1.6707	0.8925	14.3088	0.0573	9.1143	0.0253	9.1396	2.4168	0.0233	2.4401		5,794.2806	5,794.2806	0.0758	0.1222	5,832.5859

3.4 Soil Remediation - 2032

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					0.1532	0.0000	0.1532	0.0165	0.0000	0.0165			0.0000			0.0000
Off-Road	5.0629	20.9670	62.3396	0.1215		0.7136	0.7136		0.7136	0.7136		11,504.5774	11,504.5774	0.4485		11,515.7894
Total	5.0629	20.9670	62.3396	0.1215	0.1532	0.7136	0.8668	0.0165	0.7136	0.7302		11,504.5774	11,504.5774	0.4485		11,515.7894

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.4 Soil Remediation - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.1100e-003	0.1341	0.0460	5.3000e-004	0.0194	1.0400e-003	0.0205	5.3200e-003	1.0000e-003	6.3200e-003		60.7140	60.7140	5.4900e-003	9.7300e-003	63.7524
Vendor	0.0110	0.5699	0.1712	2.5600e-003	0.1083	3.8100e-003	0.1121	0.0312	3.6400e-003	0.0348		280.9910	280.9910	0.0148	0.0416	293.7663
Worker	1.7013	0.9089	14.5714	0.0584	9.2816	0.0257	9.3073	2.4612	0.0237	2.4848		5,900.5976	5,900.5976	0.0772	0.1244	5,939.6058
Total	1.7144	1.6128	14.7886	0.0615	9.4093	0.0306	9.4398	2.4976	0.0283	2.5260		6,242.3026	6,242.3026	0.0975	0.1758	6,297.1246

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					0.0689	0.0000	0.0689	7.4400e-003	0.0000	7.4400e-003			0.0000			0.0000
Off-Road	4.3255	18.0884	64.0605	0.1215		0.6082	0.6082		0.6082	0.6082	0.0000	11,504.5774	11,504.5774	0.4485		11,515.7894
Total	4.3255	18.0884	64.0605	0.1215	0.0689	0.6082	0.6771	7.4400e-003	0.6082	0.6156	0.0000	11,504.5774	11,504.5774	0.4485		11,515.7894

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.4 Soil Remediation - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.1100e-003	0.1341	0.0460	5.3000e-004	0.0194	1.0400e-003	0.0205	5.3200e-003	1.0000e-003	6.3200e-003		60.7140	60.7140	5.4900e-003	9.7300e-003	63.7524
Vendor	0.0110	0.5699	0.1712	2.5600e-003	0.1083	3.8100e-003	0.1121	0.0312	3.6400e-003	0.0348		280.9910	280.9910	0.0148	0.0416	293.7663
Worker	1.7013	0.9089	14.5714	0.0584	9.2816	0.0257	9.3073	2.4612	0.0237	2.4848		5,900.5976	5,900.5976	0.0772	0.1244	5,939.6058
Total	1.7144	1.6128	14.7886	0.0615	9.4093	0.0306	9.4398	2.4976	0.0283	2.5260		6,242.3026	6,242.3026	0.0975	0.1758	6,297.1246

3.4 Soil Remediation - 2033

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					0.1532	0.0000	0.1532	0.0165	0.0000	0.0165			0.0000			0.0000
Off-Road	5.0629	20.9670	62.3396	0.1215		0.7136	0.7136		0.7136	0.7136		11,504.5774	11,504.5774	0.4485		11,515.7894
Total	5.0629	20.9670	62.3396	0.1215	0.1532	0.7136	0.8668	0.0165	0.7136	0.7302		11,504.5774	11,504.5774	0.4485		11,515.7894

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.4 Soil Remediation - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0900e-003	0.1323	0.0464	5.2000e-004	0.0194	1.0300e-003	0.0204	5.3200e-003	9.9000e-004	6.3100e-003		59.7667	59.7667	5.5700e-003	9.5900e-003	62.7630
Vendor	0.0108	0.5636	0.1717	2.5200e-003	0.1083	3.7700e-003	0.1121	0.0312	3.6000e-003	0.0348		277.0861	277.0861	0.0150	0.0411	289.6972
Worker	1.6097	0.8550	14.0963	0.0574	9.2816	0.0241	9.3057	2.4612	0.0222	2.4834		5,799.0117	5,799.0117	0.0721	0.1211	5,836.8937
Total	1.6225	1.5509	14.3144	0.0604	9.4093	0.0289	9.4382	2.4976	0.0268	2.5244		6,135.8645	6,135.8645	0.0926	0.1717	6,189.3539

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					0.0689	0.0000	0.0689	7.4400e-003	0.0000	7.4400e-003			0.0000			0.0000
Off-Road	4.3255	18.0884	64.0605	0.1215		0.6082	0.6082		0.6082	0.6082	0.0000	11,504.5774	11,504.5774	0.4485		11,515.7894
Total	4.3255	18.0884	64.0605	0.1215	0.0689	0.6082	0.6771	7.4400e-003	0.6082	0.6156	0.0000	11,504.5774	11,504.5774	0.4485		11,515.7894

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.4 Soil Remediation - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0900e-003	0.1323	0.0464	5.2000e-004	0.0194	1.0300e-003	0.0204	5.3200e-003	9.9000e-004	6.3100e-003		59.7667	59.7667	5.5700e-003	9.5900e-003	62.7630
Vendor	0.0108	0.5636	0.1717	2.5200e-003	0.1083	3.7700e-003	0.1121	0.0312	3.6000e-003	0.0348		277.0861	277.0861	0.0150	0.0411	289.6972
Worker	1.6097	0.8550	14.0963	0.0574	9.2816	0.0241	9.3057	2.4612	0.0222	2.4834		5,799.0117	5,799.0117	0.0721	0.1211	5,836.8937
Total	1.6225	1.5509	14.3144	0.0604	9.4093	0.0289	9.4382	2.4976	0.0268	2.5244		6,135.8645	6,135.8645	0.0926	0.1717	6,189.3539

3.5 Revegetation - 2033

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					0.1537	0.0000	0.1537	0.0166	0.0000	0.0166			0.0000			0.0000
Off-Road	1.1083	3.1930	10.6130	0.0310		0.1217	0.1217		0.1217	0.1217		2,932.6275	2,932.6275	0.0981		2,935.0787
Total	1.1083	3.1930	10.6130	0.0310	0.1537	0.1217	0.2755	0.0166	0.1217	0.1383		2,932.6275	2,932.6275	0.0981		2,935.0787

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.5 Revegetation - 2033

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5720	0.8350	13.7661	0.0560	16.9466	0.0236	16.9702	4.3383	0.0217	4.3600		5,663.179 0	5,663.179 0	0.0704	0.1182	5,700.173 7
Total	1.5720	0.8350	13.7661	0.0560	16.9466	0.0236	16.9702	4.3383	0.0217	4.3600		5,663.179 0	5,663.179 0	0.0704	0.1182	5,700.173 7

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					0.0692	0.0000	0.0692	7.4700e-003	0.0000	7.4700e-003			0.0000			0.0000
Off-Road	0.9123	2.7178	11.6701	0.0310		0.1019	0.1019		0.1019	0.1019	0.0000	2,932.627 5	2,932.627 5	0.0981		2,935.078 7
Total	0.9123	2.7178	11.6701	0.0310	0.0692	0.1019	0.1711	7.4700e-003	0.1019	0.1094	0.0000	2,932.627 5	2,932.627 5	0.0981		2,935.078 7

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.5 Revegetation - 2033

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5720	0.8350	13.7661	0.0560	16.9466	0.0236	16.9702	4.3383	0.0217	4.3600		5,663.179 0	5,663.179 0	0.0704	0.1182	5,700.173 7
Total	1.5720	0.8350	13.7661	0.0560	16.9466	0.0236	16.9702	4.3383	0.0217	4.3600		5,663.179 0	5,663.179 0	0.0704	0.1182	5,700.173 7

3.5 Revegetation - 2034

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					0.1537	0.0000	0.1537	0.0166	0.0000	0.0166			0.0000			0.0000
Off-Road	1.1083	3.1930	10.6130	0.0310		0.1217	0.1217		0.1217	0.1217		2,932.627 5	2,932.627 5	0.0981		2,935.078 7
Total	1.1083	3.1930	10.6130	0.0310	0.1537	0.1217	0.2755	0.0166	0.1217	0.1383		2,932.627 5	2,932.627 5	0.0981		2,935.078 7

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.5 Revegetation - 2034

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4914	0.7909	13.3494	0.0552	16.9466	0.0221	16.9687	4.3383	0.0204	4.3587		5,575.428 7	5,575.428 7	0.0658	0.1155	5,611.495 8
Total	1.4914	0.7909	13.3494	0.0552	16.9466	0.0221	16.9687	4.3383	0.0204	4.3587		5,575.428 7	5,575.428 7	0.0658	0.1155	5,611.495 8

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					0.0692	0.0000	0.0692	7.4700e-003	0.0000	7.4700e-003			0.0000			0.0000
Off-Road	0.9123	2.7178	11.6701	0.0310		0.1019	0.1019		0.1019	0.1019	0.0000	2,932.627 5	2,932.627 5	0.0981		2,935.078 7
Total	0.9123	2.7178	11.6701	0.0310	0.0692	0.1019	0.1711	7.4700e-003	0.1019	0.1094	0.0000	2,932.627 5	2,932.627 5	0.0981		2,935.078 7

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.5 Revegetation - 2034

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4914	0.7909	13.3494	0.0552	16.9466	0.0221	16.9687	4.3383	0.0204	4.3587		5,575.4287	5,575.4287	0.0658	0.1155	5,611.4958
Total	1.4914	0.7909	13.3494	0.0552	16.9466	0.0221	16.9687	4.3383	0.0204	4.3587		5,575.4287	5,575.4287	0.0658	0.1155	5,611.4958

3.5 Revegetation - 2035

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					0.1537	0.0000	0.1537	0.0166	0.0000	0.0166			0.0000			0.0000
Off-Road	1.0136	2.1482	10.5817	0.0310		0.0805	0.0805		0.0805	0.0805		2,932.6275	2,932.6275	0.0877		2,934.8207
Total	1.0136	2.1482	10.5817	0.0310	0.1537	0.0805	0.2342	0.0166	0.0805	0.0971		2,932.6275	2,932.6275	0.0877		2,934.8207

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.5 Revegetation - 2035

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4196	0.7564	12.9955	0.0544	16.9466	0.0209	16.9675	4.3383	0.0192	4.3575		5,498.659 2	5,498.659 2	0.0618	0.1133	5,533.980 9
Total	1.4196	0.7564	12.9955	0.0544	16.9466	0.0209	16.9675	4.3383	0.0192	4.3575		5,498.659 2	5,498.659 2	0.0618	0.1133	5,533.980 9

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					0.0692	0.0000	0.0692	7.4700e-003	0.0000	7.4700e-003			0.0000			0.0000
Off-Road	0.8413	1.9388	11.6480	0.0310		0.0707	0.0707		0.0707	0.0707	0.0000	2,932.627 5	2,932.627 5	0.0877		2,934.820 7
Total	0.8413	1.9388	11.6480	0.0310	0.0692	0.0707	0.1399	7.4700e-003	0.0707	0.0782	0.0000	2,932.627 5	2,932.627 5	0.0877		2,934.820 7

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.5 Revegetation - 2035

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4196	0.7564	12.9955	0.0544	16.9466	0.0209	16.9675	4.3383	0.0192	4.3575		5,498.659 2	5,498.659 2	0.0618	0.1133	5,533.980 9
Total	1.4196	0.7564	12.9955	0.0544	16.9466	0.0209	16.9675	4.3383	0.0192	4.3575		5,498.659 2	5,498.659 2	0.0618	0.1133	5,533.980 9

3.6 Mobilization and Site Prep Landscape - 2035

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					0.1414	0.0000	0.1414	0.0153	0.0000	0.0153			0.0000			0.0000
Off-Road	7.8960	18.9943	70.8748	0.2007		0.6953	0.6953		0.6953	0.6953		20,793.07 71	20,793.07 71	0.6878		20,810.27 29
Total	7.8960	18.9943	70.8748	0.2007	0.1414	0.6953	0.8367	0.0153	0.6953	0.7106		20,793.07 71	20,793.07 71	0.6878		20,810.27 29

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.6 Mobilization and Site Prep Landscape - 2035

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604

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					0.0636	0.0000	0.0636	6.8700e-003	0.0000	6.8700e-003			0.0000			0.0000
Off-Road	7.3022	17.5089	72.9609	0.2007		0.6343	0.6343		0.6343	0.6343	0.0000	20,793.0771	20,793.0771	0.6878		20,810.2729
Total	7.3022	17.5089	72.9609	0.2007	0.0636	0.6343	0.6979	6.8700e-003	0.6343	0.6411	0.0000	20,793.0771	20,793.0771	0.6878		20,810.2729

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.6 Mobilization and Site Prep Landscape - 2035

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4

3.7 Mass Excavation - 2035

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	6.5039	11.1439	51.7222	0.1657		0.4264	0.4264		0.4264	0.4264		17,992.62 90	17,992.62 90	0.5625		18,006.69 09
Total	6.5039	11.1439	51.7222	0.1657		0.4264	0.4264		0.4264	0.4264		17,992.62 90	17,992.62 90	0.5625		18,006.69 09

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.7 Mass Excavation - 2035

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	4.8000e-004	0.0300	0.0109	1.2000e-004	4.5000e-003	2.4000e-004	4.7300e-003	1.2300e-003	2.2000e-004	1.4600e-003		13.4693	13.4693	1.3200e-003	2.1600e-003	14.1466
Vendor	0.0105	0.5523	0.1726	2.4500e-003	0.1083	3.6900e-003	0.1120	0.0312	3.5300e-003	0.0347		270.2201	270.2201	0.0153	0.0401	282.5412
Worker	1.4222	0.7578	13.0195	0.0545	9.0809	0.0209	9.1018	2.4079	0.0192	2.4272		5,508.8043	5,508.8043	0.0619	0.1136	5,544.1912
Total	1.4332	1.3401	13.2030	0.0571	9.1937	0.0248	9.2185	2.4403	0.0230	2.4633		5,792.4937	5,792.4937	0.0786	0.1558	5,840.8790

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	6.3211	11.0038	52.1719	0.1657		0.4171	0.4171		0.4171	0.4171	0.0000	17,992.6289	17,992.6289	0.5625		18,006.6908
Total	6.3211	11.0038	52.1719	0.1657		0.4171	0.4171		0.4171	0.4171	0.0000	17,992.6289	17,992.6289	0.5625		18,006.6908

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.7 Mass Excavation - 2035

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	4.8000e-004	0.0300	0.0109	1.2000e-004	4.5000e-003	2.4000e-004	4.7300e-003	1.2300e-003	2.2000e-004	1.4600e-003		13.4693	13.4693	1.3200e-003	2.1600e-003	14.1466
Vendor	0.0105	0.5523	0.1726	2.4500e-003	0.1083	3.6900e-003	0.1120	0.0312	3.5300e-003	0.0347		270.2201	270.2201	0.0153	0.0401	282.5412
Worker	1.4222	0.7578	13.0195	0.0545	9.0809	0.0209	9.1018	2.4079	0.0192	2.4272		5,508.8043	5,508.8043	0.0619	0.1136	5,544.1912
Total	1.4332	1.3401	13.2030	0.0571	9.1937	0.0248	9.2185	2.4403	0.0230	2.4633		5,792.4937	5,792.4937	0.0786	0.1558	5,840.8790

3.7 Mass Excavation - 2036

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	6.5039	11.1439	51.7222	0.1657		0.4264	0.4264		0.4264	0.4264		17,992.6290	17,992.6290	0.5625		18,006.6909
Total	6.5039	11.1439	51.7222	0.1657		0.4264	0.4264		0.4264	0.4264		17,992.6290	17,992.6290	0.5625		18,006.6909

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.7 Mass Excavation - 2036

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	4.8000e-004	0.0300	0.0109	1.2000e-004	4.5000e-003	2.4000e-004	4.7300e-003	1.2300e-003	2.2000e-004	1.4600e-003		13.4693	13.4693	1.3200e-003	2.1600e-003	14.1466
Vendor	0.0105	0.5523	0.1726	2.4500e-003	0.1083	3.6900e-003	0.1120	0.0312	3.5300e-003	0.0347		270.2201	270.2201	0.0153	0.0401	282.5412
Worker	1.4222	0.7578	13.0195	0.0545	9.0809	0.0209	9.1018	2.4079	0.0192	2.4272		5,508.8043	5,508.8043	0.0619	0.1136	5,544.1912
Total	1.4332	1.3401	13.2030	0.0571	9.1937	0.0248	9.2185	2.4403	0.0230	2.4633		5,792.4937	5,792.4937	0.0786	0.1558	5,840.8790

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	6.3211	11.0038	52.1719	0.1657		0.4171	0.4171		0.4171	0.4171	0.0000	17,992.6289	17,992.6289	0.5625		18,006.6908
Total	6.3211	11.0038	52.1719	0.1657		0.4171	0.4171		0.4171	0.4171	0.0000	17,992.6289	17,992.6289	0.5625		18,006.6908

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.7 Mass Excavation - 2036

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	4.8000e-004	0.0300	0.0109	1.2000e-004	4.5000e-003	2.4000e-004	4.7300e-003	1.2300e-003	2.2000e-004	1.4600e-003		13.4693	13.4693	1.3200e-003	2.1600e-003	14.1466
Vendor	0.0105	0.5523	0.1726	2.4500e-003	0.1083	3.6900e-003	0.1120	0.0312	3.5300e-003	0.0347		270.2201	270.2201	0.0153	0.0401	282.5412
Worker	1.4222	0.7578	13.0195	0.0545	9.0809	0.0209	9.1018	2.4079	0.0192	2.4272		5,508.8043	5,508.8043	0.0619	0.1136	5,544.1912
Total	1.4332	1.3401	13.2030	0.0571	9.1937	0.0248	9.2185	2.4403	0.0230	2.4633		5,792.4937	5,792.4937	0.0786	0.1558	5,840.8790

3.8 Backfill Building Foundation - 2036

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					0.1515	0.0000	0.1515	0.0164	0.0000	0.0164			0.0000			0.0000
Off-Road	1.4239	8.4986	17.8815	0.0300		0.1570	0.1570		0.1570	0.1570		2,759.4538	2,759.4538	0.1270		2,762.6280
Total	1.4239	8.4986	17.8815	0.0300	0.1515	0.1570	0.3085	0.0164	0.1570	0.1734		2,759.4538	2,759.4538	0.1270		2,762.6280

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.8 Backfill Building Foundation - 2036

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	0.0000
Vendor	3.4900e-003	0.1841	0.0575	8.2000e-004	0.1134	1.2300e-003	0.1147	0.0294	1.1800e-003	0.0306		90.0734	90.0734	5.1100e-003	0.0134	94.1804
Worker	1.4143	0.7536	12.9475	0.0542	32.5907	0.0208	32.6115	8.1776	0.0191	8.1967		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604
Total	1.4178	0.9377	13.0051	0.0550	32.7042	0.0220	32.7262	8.2069	0.0203	8.2272		5,568.4423	5,568.4423	0.0667	0.1263	5,607.7407

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					0.0682	0.0000	0.0682	7.3600e-003	0.0000	7.3600e-003			0.0000			0.0000
Off-Road	1.2527	7.4111	17.7172	0.0300		0.1410	0.1410		0.1410	0.1410	0.0000	2,759.4538	2,759.4538	0.1270		2,762.6280
Total	1.2527	7.4111	17.7172	0.0300	0.0682	0.1410	0.2092	7.3600e-003	0.1410	0.1483	0.0000	2,759.4538	2,759.4538	0.1270		2,762.6280

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.8 Backfill Building Foundation - 2036

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	0.0000
Vendor	3.4900e-003	0.1841	0.0575	8.2000e-004	0.1134	1.2300e-003	0.1147	0.0294	1.1800e-003	0.0306		90.0734	90.0734	5.1100e-003	0.0134	94.1804
Worker	1.4143	0.7536	12.9475	0.0542	32.5907	0.0208	32.6115	8.1776	0.0191	8.1967		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604
Total	1.4178	0.9377	13.0051	0.0550	32.7042	0.0220	32.7262	8.2069	0.0203	8.2272		5,568.4423	5,568.4423	0.0667	0.1263	5,607.7407

3.9 Backfill Tunnels - 2036

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					0.1538	0.0000	0.1538	0.0166	0.0000	0.0166			0.0000			0.0000
Off-Road	1.1449	4.6464	20.1600	0.0362		0.0940	0.0940		0.0940	0.0940		3,431.2506	3,431.2506	0.1007		3,433.7668
Total	1.1449	4.6464	20.1600	0.0362	0.1538	0.0940	0.2478	0.0166	0.0940	0.1106		3,431.2506	3,431.2506	0.1007		3,433.7668

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.9 Backfill Tunnels - 2036

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4196	0.7564	12.9955	0.0544	9.0642	0.0209	9.0850	2.4035	0.0192	2.4227		5,498.659 2	5,498.659 2	0.0618	0.1133	5,533.980 9
Total	1.4196	0.7564	12.9955	0.0544	9.0642	0.0209	9.0850	2.4035	0.0192	2.4227		5,498.659 2	5,498.659 2	0.0618	0.1133	5,533.980 9

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					0.0692	0.0000	0.0692	7.4700e-003	0.0000	7.4700e-003			0.0000			0.0000
Off-Road	0.9028	4.0580	21.2521	0.0362		0.0802	0.0802		0.0802	0.0802	0.0000	3,431.250 6	3,431.250 6	0.1007		3,433.766 8
Total	0.9028	4.0580	21.2521	0.0362	0.0692	0.0802	0.1494	7.4700e-003	0.0802	0.0877	0.0000	3,431.250 6	3,431.250 6	0.1007		3,433.766 8

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.9 Backfill Tunnels - 2036

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4196	0.7564	12.9955	0.0544	9.0642	0.0209	9.0850	2.4035	0.0192	2.4227		5,498.659 2	5,498.659 2	0.0618	0.1133	5,533.980 9
Total	1.4196	0.7564	12.9955	0.0544	9.0642	0.0209	9.0850	2.4035	0.0192	2.4227		5,498.659 2	5,498.659 2	0.0618	0.1133	5,533.980 9

3.10 Backfill and Grading of Zones - 2036

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					0.1545	0.0000	0.1545	0.0167	0.0000	0.0167			0.0000			0.0000
Off-Road	1.3688	4.9035	7.6970	0.0337		0.1832	0.1832		0.1832	0.1832		3,068.916 3	3,068.916 3	0.1198		3,071.912 2
Total	1.3688	4.9035	7.6970	0.0337	0.1545	0.1832	0.3376	0.0167	0.1832	0.1999		3,068.916 3	3,068.916 3	0.1198		3,071.912 2

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.10 Backfill and Grading of Zones - 2036

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	0.0000
Vendor	9.3100e-003	0.4909	0.1535	2.1800e-003	0.0963	3.2800e-003	0.0995	0.0277	3.1400e-003	0.0308		240.1956	240.1956	0.0136	0.0356	251.1477
Worker	1.4274	0.7606	13.0674	0.0547	9.1143	0.0210	9.1353	2.4168	0.0193	2.4361		5,529.0945	5,529.0945	0.0622	0.1140	5,564.6118
Total	1.4368	1.2515	13.2209	0.0569	9.2106	0.0243	9.2348	2.4445	0.0224	2.4669		5,769.2902	5,769.2902	0.0758	0.1496	5,815.7595

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					0.0695	0.0000	0.0695	7.5100e-003	0.0000	7.5100e-003			0.0000			0.0000
Off-Road	1.1336	4.3359	8.9013	0.0337		0.1604	0.1604		0.1604	0.1604	0.0000	3,068.9163	3,068.9163	0.1198		3,071.9122
Total	1.1336	4.3359	8.9013	0.0337	0.0695	0.1604	0.2299	7.5100e-003	0.1604	0.1679	0.0000	3,068.9163	3,068.9163	0.1198		3,071.9122

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.10 Backfill and Grading of Zones - 2036

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	0.0000
Vendor	9.3100e-003	0.4909	0.1535	2.1800e-003	0.0963	3.2800e-003	0.0995	0.0277	3.1400e-003	0.0308		240.1956	240.1956	0.0136	0.0356	251.1477
Worker	1.4274	0.7606	13.0674	0.0547	9.1143	0.0210	9.1353	2.4168	0.0193	2.4361		5,529.0945	5,529.0945	0.0622	0.1140	5,564.6118
Total	1.4368	1.2515	13.2209	0.0569	9.2106	0.0243	9.2348	2.4445	0.0224	2.4669		5,769.2902	5,769.2902	0.0758	0.1496	5,815.7595

3.11 Erosion Control and Restoration - 2036

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					0.1532	0.0000	0.1532	0.0165	0.0000	0.0165			0.0000			0.0000
Off-Road	3.6158	8.1945	30.5349	0.0982		0.2805	0.2805		0.2805	0.2805		10,172.1218	10,172.1218	0.3153		10,180.0045
Total	3.6158	8.1945	30.5349	0.0982	0.1532	0.2805	0.4337	0.0165	0.2805	0.2971		10,172.1218	10,172.1218	0.3153		10,180.0045

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.11 Erosion Control and Restoration - 2036

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	0.0000
Vendor	3.4900e-003	0.1841	0.0575	8.2000e-004	0.0361	1.2300e-003	0.0373	0.0104	1.1800e-003	0.0116		90.0734	90.0734	5.1100e-003	0.0134	94.1804
Worker	1.4720	0.7844	13.4750	0.0564	9.3986	0.0216	9.4203	2.4922	0.0199	2.5121		5,701.5617	5,701.5617	0.0641	0.1175	5,738.1869
Total	1.4755	0.9684	13.5326	0.0572	9.4347	0.0229	9.4576	2.5026	0.0211	2.5237		5,791.6351	5,791.6351	0.0692	0.1309	5,832.3673

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					0.0689	0.0000	0.0689	7.4400e-003	0.0000	7.4400e-003			0.0000			0.0000
Off-Road	3.0868	7.0266	33.6279	0.0982		0.2439	0.2439		0.2439	0.2439	0.0000	10,172.1218	10,172.1218	0.3153		10,180.0045
Total	3.0868	7.0266	33.6279	0.0982	0.0689	0.2439	0.3129	7.4400e-003	0.2439	0.2514	0.0000	10,172.1218	10,172.1218	0.3153		10,180.0045

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.11 Erosion Control and Restoration - 2036

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	0.0000
Vendor	3.4900e-003	0.1841	0.0575	8.2000e-004	0.0361	1.2300e-003	0.0373	0.0104	1.1800e-003	0.0116		90.0734	90.0734	5.1100e-003	0.0134	94.1804
Worker	1.4720	0.7844	13.4750	0.0564	9.3986	0.0216	9.4203	2.4922	0.0199	2.5121		5,701.5617	5,701.5617	0.0641	0.1175	5,738.1869
Total	1.4755	0.9684	13.5326	0.0572	9.4347	0.0229	9.4576	2.5026	0.0211	2.5237		5,791.6351	5,791.6351	0.0692	0.1309	5,832.3673

3.12 Movement and Stockpiling - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6978	3.6978	9.5646	0.0445		0.1333	0.1333		0.1333	0.1333		5,051.6316	5,051.6316	0.1511		5,055.4095
Total	1.6978	3.6978	9.5646	0.0445		0.1333	0.1333		0.1333	0.1333		5,051.6316	5,051.6316	0.1511		5,055.4095

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2036

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2670	3.1848	13.2614	0.0445		0.1103	0.1103		0.1103	0.1103	0.0000	5,051.6316	5,051.6316	0.1511		5,055.4095
Total	1.2670	3.1848	13.2614	0.0445		0.1103	0.1103		0.1103	0.1103	0.0000	5,051.6316	5,051.6316	0.1511		5,055.4095

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2036

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604

3.12 Movement and Stockpiling - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6978	3.6978	9.5646	0.0445		0.1333	0.1333		0.1333	0.1333		5,051.6316	5,051.6316	0.1511		5,055.4095
Total	1.6978	3.6978	9.5646	0.0445		0.1333	0.1333		0.1333	0.1333		5,051.6316	5,051.6316	0.1511		5,055.4095

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2037

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2670	3.1848	13.2614	0.0445		0.1103	0.1103		0.1103	0.1103	0.0000	5,051.6316	5,051.6316	0.1511		5,055.4095
Total	1.2670	3.1848	13.2614	0.0445		0.1103	0.1103		0.1103	0.1103	0.0000	5,051.6316	5,051.6316	0.1511		5,055.4095

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2037

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604

3.12 Movement and Stockpiling - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6978	3.6978	9.5646	0.0445		0.1333	0.1333		0.1333	0.1333		5,051.6316	5,051.6316	0.1511		5,055.4095
Total	1.6978	3.6978	9.5646	0.0445		0.1333	0.1333		0.1333	0.1333		5,051.6316	5,051.6316	0.1511		5,055.4095

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2038

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2670	3.1848	13.2614	0.0445		0.1103	0.1103		0.1103	0.1103	0.0000	5,051.6316	5,051.6316	0.1511		5,055.4095
Total	1.2670	3.1848	13.2614	0.0445		0.1103	0.1103		0.1103	0.1103	0.0000	5,051.6316	5,051.6316	0.1511		5,055.4095

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2038

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604

3.12 Movement and Stockpiling - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6978	3.6978	9.5646	0.0445		0.1333	0.1333		0.1333	0.1333		5,051.6316	5,051.6316	0.1511		5,055.4095
Total	1.6978	3.6978	9.5646	0.0445		0.1333	0.1333		0.1333	0.1333		5,051.6316	5,051.6316	0.1511		5,055.4095

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2039

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2670	3.1848	13.2614	0.0445		0.1103	0.1103		0.1103	0.1103	0.0000	5,051.631 6	5,051.631 6	0.1511		5,055.409 5
Total	1.2670	3.1848	13.2614	0.0445		0.1103	0.1103		0.1103	0.1103	0.0000	5,051.631 6	5,051.631 6	0.1511		5,055.409 5

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2039

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9945	1.3323	9.5539	0.0184	0.2816	0.0155	0.2971	0.1122	0.0145	0.1267		1,874.4016	1,874.4016	0.1317	0.0956	1,906.1706
Unmitigated	0.9945	1.3323	9.5539	0.0184	0.2816	0.0155	0.2971	0.1122	0.0145	0.1267		1,874.4016	1,874.4016	0.1317	0.0956	1,906.1706

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	326.70	326.70	326.70	953,804	953,804
Total	326.70	326.70	326.70	953,804	953,804

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 Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.518500	0.056626	0.189643	0.140762	0.030399	0.007841	0.010730	0.006132	0.000824	0.000442	0.030440	0.001544	0.006118

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

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					
General Heavy Industry	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

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

5.2 Energy by Land Use - NaturalGas

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					
General Heavy Industry	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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3075	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166
Unmitigated	0.3075	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

6.2 Area by SubCategory

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.3075	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166
Total	0.3075	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

6.2 Area by SubCategory

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.3075	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166
Total	0.3075	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166

7.0 Water Detail

7.1 Mitigation Measures Water

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

**Diablo Canyon Decommissioning Phase 2
South Central Coast Air Basin, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Heavy Industry	32,670.00	1000sqft	750.00	32,670,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.9	Precipitation Freq (Days)	37
Climate Zone	4			Operational Year	2024
Utility Company					
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use -
- Construction Phase - Timing on Equipment List excel
- Off-road Equipment - equipment list
- Off-road Equipment - equipment sheet
- Off-road Equipment - equipment list - other equipment is batch plant
- Off-road Equipment - crushing processing are hydraulic breaker and hammers, other eq fogger mister
- Off-road Equipment - equipment list
- Off-road Equipment - equipment list
- Off-road Equipment - equipment excel
- Off-road Equipment - equipment list excel
- Off-road Equipment - equipment list

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

Off-road Equipment - equipment list excel

Off-road Equipment - equipment list

Trips and VMT - haul length calculated outside caleemod

Demolition -

Grading - Recycleable metal - Mobilization and Site Prep - 823 tons / 2000 tones for acres 0.4115 - this is on demo screen

Hazardous / Regulated Waste - Soil Remediation - 395 tones 0.1975

Clean Debris and Soil - Backfill and Grading of Zones - 1184 tones 0.592

Vehicle Trips - 200 visitors and 5 employees at the marina per day

32670000 sq ft

Area Coating - no architectural coating

Energy Use - No indoor energy usage

Water And Wastewater - negligible indoor water use

Solid Waste - solid waste calculated in phase 2 ouput excel

Construction Off-road Equipment Mitigation - APM AQ-1,2,3,4,5

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	16335000	0
tblAreaCoating	Area_Nonresidential_Interior	49005000	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	800.00	255.00
tblConstructionPhase	NumDays	800.00	574.00
tblConstructionPhase	NumDays	1,240.00	21.00
tblConstructionPhase	NumDays	1,240.00	20.00
tblConstructionPhase	NumDays	1,240.00	46.00
tblConstructionPhase	NumDays	480.00	9.00
tblConstructionPhase	NumDays	480.00	6.00
tblConstructionPhase	NumDays	480.00	18.00
tblConstructionPhase	NumDays	480.00	574.00
tblConstructionPhase	NumDays	480.00	6.00

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

tblEnergyUse	LightingElect	3.08	0.00
tblEnergyUse	NT24E	3.70	0.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24E	1.32	0.00
tblEnergyUse	T24NG	19.51	0.00
tblGrading	AcresOfGrading	15.75	2.60
tblGrading	AcresOfGrading	35.88	83.20
tblGrading	AcresOfGrading	35.88	0.00
tblGrading	AcresOfGrading	10.50	0.40
tblGrading	AcresOfGrading	40.25	6.70
tblGrading	AcresOfGrading	15.75	1.30
tblOffRoadEquipment	HorsePower	124.00	260.00
tblOffRoadEquipment	HorsePower	124.00	260.00
tblOffRoadEquipment	HorsePower	203.00	400.00
tblOffRoadEquipment	HorsePower	203.00	400.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	5.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblSolidWaste	SolidWasteGenerationRate	40,510.80	0.03
tblTripsAndVMT	HaulingTripLength	20.00	0.00

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

tblTripsAndVMT	WorkerTripLength	10.80	22.00
tblTripsAndVMT	WorkerTripLength	10.80	22.00
tblTripsAndVMT	WorkerTripLength	10.80	22.00
tblTripsAndVMT	WorkerTripNumber	38.00	540.00
tblTripsAndVMT	WorkerTripNumber	40.00	547.00
tblTripsAndVMT	WorkerTripNumber	3.00	540.00
tblTripsAndVMT	WorkerTripNumber	10.00	541.25
tblTripsAndVMT	WorkerTripNumber	25.00	542.50
tblTripsAndVMT	WorkerTripNumber	5.00	541.87
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	55.00	540.00
tblTripsAndVMT	WorkerTripNumber	25.00	541.25
tblTripsAndVMT	WorkerTripNumber	20.00	540.00
tblTripsAndVMT	WorkerTripNumber	18.00	541.25
tblTripsAndVMT	WorkerTripNumber	40.00	541.25
tblVehicleTrips	ST_TR	6.42	0.01
tblVehicleTrips	SU_TR	5.09	0.01
tblVehicleTrips	WD_TR	3.93	0.01
tblWater	IndoorWaterUseRate	7,554,937,500.00	0.00

2.0 Emissions Summary

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

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					
2032	3.9422	13.6297	45.7544	0.1171	9.2571	0.3723	9.6295	2.4311	0.3703	2.8013	0.0000	11,388.35 43	11,388.35 43	0.2781	0.1360	11,431.81 30
2033	3.7600	10.0335	37.8469	0.1078	17.0964	0.3708	17.1271	4.3539	0.3688	4.3827	0.0000	10,584.75 65	10,584.75 65	0.2709	0.1325	10,631.01 35
2034	1.5558	0.9759	13.9854	0.0570	17.0964	0.0292	17.1256	4.3539	0.0275	4.3814	0.0000	5,745.420 3	5,745.420 3	0.0715	0.1155	5,781.622 2
2035	12.2050	23.3460	115.4256	0.3514	18.1937	0.8429	19.0366	4.8141	0.8395	5.6536	0.0000	36,030.00 39	36,030.00 39	0.9449	0.2416	36,125.62 99
2036	5.1362	8.2297	43.5117	0.1504	32.6286	0.2679	32.7395	8.1874	0.2662	8.2966	0.0000	15,883.05 98	15,883.05 98	0.3894	0.1287	15,931.14 82
2037	1.8994	1.8102	15.6803	0.0669	9.0307	0.0589	9.0896	2.3946	0.0572	2.4519	0.0000	6,921.692 2	6,921.692 2	0.1048	0.1129	6,957.963 1
2038	1.8994	1.8102	15.6803	0.0669	9.0307	0.0589	9.0896	2.3946	0.0572	2.4519	0.0000	6,921.692 2	6,921.692 2	0.1048	0.1129	6,957.963 1
2039	1.8994	1.8102	15.6803	0.0669	9.0307	0.0589	9.0896	2.3946	0.0572	2.4519	0.0000	6,921.692 2	6,921.692 2	0.1048	0.1129	6,957.963 1
Maximum	12.2050	23.3460	115.4256	0.3514	32.6286	0.8429	32.7395	8.1874	0.8395	8.2966	0.0000	36,030.00 39	36,030.00 39	0.9449	0.2416	36,125.62 99

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

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	699.4455	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166
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	0.9945	1.3323	9.5539	0.0184	2.0138	0.0155	2.0293	0.5374	0.0145	0.5519		1,874.4016	1,874.4016	0.1317	0.0956	1,906.1706
Total	700.4399	1.3626	12.8842	0.0187	2.0138	0.0274	2.0411	0.5374	0.0264	0.5637		1,881.5515	1,881.5515	0.1504	0.0956	1,913.7871

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	699.4455	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166
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	0.9945	1.3323	9.5539	0.0184	2.0138	0.0155	2.0293	0.5374	0.0145	0.5519		1,874.4016	1,874.4016	0.1317	0.0956	1,906.1706
Total	700.4399	1.3626	12.8842	0.0187	2.0138	0.0274	2.0411	0.5374	0.0264	0.5637		1,881.5515	1,881.5515	0.1504	0.0956	1,913.7871

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	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	1/1/2032	12/22/2032	5	255	
2	Mobilization and Site Preparation	Site Preparation	12/23/2032	12/30/2032	5	6	
3	Soil Remediation	Site Preparation	12/31/2032	1/25/2033	5	18	
4	Revegetation	Site Preparation	1/26/2033	4/9/2035	5	574	
5	Mobilization and Site Prep Landscape	Site Preparation	4/10/2035	4/17/2035	5	6	
6	Mass Excavation	Trenching	4/15/2035	3/5/2036	5	233	
7	Backfill Building Foundation	Grading	3/6/2036	4/3/2036	5	21	
8	Backfill Tunnels	Grading	4/4/2036	5/1/2036	5	20	
9	Backfill and Grading of Zones	Grading	5/2/2036	7/4/2036	5	46	
10	Erosion Control and Restoration	Site Preparation	7/7/2036	7/17/2036	5	9	
11	Movement and Stockpiling	Demolition	7/18/2036	9/29/2039	5	574	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Aerial Lifts	1	2.00	63	0.31
Demolition	Crushing/Proc. Equipment	1	8.00	85	0.78
Demolition	Crushing/Proc. Equipment	1	6.00	85	0.78
Demolition	Excavators	2	6.00	158	0.38
Demolition	Forklifts	1	6.00	89	0.20
Demolition	Generator Sets	2	7.00	84	0.74
Demolition	Other Construction Equipment	1	8.00	172	0.42
Demolition	Paving Equipment	1	3.00	132	0.36
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Skid Steer Loaders	2	5.00	65	0.37
Demolition	Welders	2	7.00	46	0.45
Mobilization and Site Preparation	Excavators	2	8.00	158	0.38
Mobilization and Site Preparation	Tractors/Loaders/Backhoes	2	5.00	97	0.37
Soil Remediation	Excavators	3	7.00	158	0.38
Soil Remediation	Graders	2	7.00	187	0.41
Soil Remediation	Off-Highway Tractors	2	7.00	124	0.44
Soil Remediation	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Revegetation	Excavators	1	1.00	158	0.38
Revegetation	Graders	1	1.00	187	0.41
Mobilization and Site Prep Landscape	Excavators	7	8.00	158	0.38
Mobilization and Site Prep Landscape	Graders	4	7.00	187	0.41
Mobilization and Site Prep Landscape	Off-Highway Tractors	4	7.00	124	0.44
Mobilization and Site Prep Landscape	Off-Highway Trucks	3	8.00	402	0.38
Mobilization and Site Prep Landscape	Tractors/Loaders/Backhoes	4	7.00	97	0.37
Mass Excavation	Excavators	5	7.00	158	0.38
Mass Excavation	Off-Highway Trucks	5	8.00	402	0.38
Backfill Building Foundation	Plate Compactors	4	8.00	8	0.43
Backfill Building Foundation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

Backfill Tunnels	Other Construction Equipment	3	7.00	172	0.42
Backfill Tunnels	Tractors/Loaders/Backhoes	4	7.00	97	0.37
Backfill and Grading of Zones	Graders	2	7.00	187	0.41
Backfill and Grading of Zones	Off-Highway Tractors	7	8.00	260	0.44
Backfill and Grading of Zones	Plate Compactors	7	8.00	8	0.43
Erosion Control and Restoration	Excavators	3	6.00	158	0.38
Erosion Control and Restoration	Graders	4	7.00	187	0.41
Erosion Control and Restoration	Off-Highway Tractors	4	7.00	260	0.44
Erosion Control and Restoration	Off-Highway Trucks	1	8.00	402	0.38
Erosion Control and Restoration	Rollers	2	7.00	80	0.38
Erosion Control and Restoration	Rubber Tired Loaders	2	7.00	400	0.36
Movement and Stockpiling	Rubber Tired Loaders	1	8.00	400	0.36

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	15	540.00	0.00	42.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Mobilization and Site Preparation	4	541.25	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Soil Remediation	10	542.50	1.00	20.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Revegetation	2	541.87	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Revegetation	2	0.00	0.00	0.00	22.00	13.00	0.00	LD_Mix	HDT_Mix	HHDT
Mobilization and Site Prep Landscape	22	540.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Mass Excavation	10	541.25	3.00	60.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Backfill Building Foundation	8	540.00	1.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Backfill Tunnels	7	541.25	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Backfill and Grading of Zones	16	541.25	1.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Erosion Control and Restoration	16	547.00	2.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Movement and Stockpiling	1	540.00	0.00	0.00	22.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2032

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					0.0706	0.0000	0.0706	0.0107	0.0000	0.0107			0.0000			0.0000
Off-Road	2.2865	12.7255	31.5701	0.0602		0.2999	0.2999		0.2999	0.2999		5,638.2323	5,638.2323	0.2022		5,643.2868
Total	2.2865	12.7255	31.5701	0.0602	0.0706	0.2999	0.3705	0.0107	0.2999	0.3106		5,638.2323	5,638.2323	0.2022		5,643.2868

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.2 Demolition - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1000e-004	0.0199	6.8200e-003	8.0000e-005	2.8800e-003	1.5000e-004	3.0300e-003	7.9000e-004	1.5000e-004	9.4000e-004		9.0000	9.0000	8.1000e-004	1.4400e-003	9.4504
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6553	0.8843	14.1775	0.0568	9.0307	0.0250	9.0558	2.3946	0.0230	2.4177		5,741.1220	5,741.1220	0.0751	0.1211	5,779.0759
Total	1.6557	0.9042	14.1844	0.0569	9.0336	0.0252	9.0588	2.3954	0.0232	2.4186		5,750.1220	5,750.1220	0.0760	0.1225	5,788.5263

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					0.0318	0.0000	0.0318	4.8100e-003	0.0000	4.8100e-003			0.0000			0.0000
Off-Road	1.2288	7.4718	33.4456	0.0602		0.1502	0.1502		0.1502	0.1502	0.0000	5,638.2323	5,638.2323	0.2022		5,643.2868
Total	1.2288	7.4718	33.4456	0.0602	0.0318	0.1502	0.1820	4.8100e-003	0.1502	0.1550	0.0000	5,638.2323	5,638.2323	0.2022		5,643.2868

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.2 Demolition - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1000e-004	0.0199	6.8200e-003	8.0000e-005	2.8800e-003	1.5000e-004	3.0300e-003	7.9000e-004	1.5000e-004	9.4000e-004		9.0000	9.0000	8.1000e-004	1.4400e-003	9.4504
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6553	0.8843	14.1775	0.0568	9.0307	0.0250	9.0558	2.3946	0.0230	2.4177		5,741.1220	5,741.1220	0.0751	0.1211	5,779.0759
Total	1.6557	0.9042	14.1844	0.0569	9.0336	0.0252	9.0588	2.3954	0.0232	2.4186		5,750.1220	5,750.1220	0.0760	0.1225	5,788.5263

3.3 Mobilization and Site Preparation - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6663	2.3968	10.0518	0.0175		0.0725	0.0725		0.0725	0.0725		1,653.2317	1,653.2317	0.0592		1,654.7124
Total	0.6663	2.3968	10.0518	0.0175	0.0000	0.0725	0.0725	0.0000	0.0725	0.0725		1,653.2317	1,653.2317	0.0592		1,654.7124

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.3 Mobilization and Site Preparation - 2032

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6592	0.8864	14.2104	0.0569	9.0516	0.0251	9.0767	2.4002	0.0231	2.4233		5,754.4117	5,754.4117	0.0753	0.1213	5,792.4534
Total	1.6592	0.8864	14.2104	0.0569	9.0516	0.0251	9.0767	2.4002	0.0231	2.4233		5,754.4117	5,754.4117	0.0753	0.1213	5,792.4534

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5205	1.9155	10.2654	0.0175		0.0579	0.0579		0.0579	0.0579	0.0000	1,653.2317	1,653.2317	0.0592		1,654.7124
Total	0.5205	1.9155	10.2654	0.0175	0.0000	0.0579	0.0579	0.0000	0.0579	0.0579	0.0000	1,653.2317	1,653.2317	0.0592		1,654.7124

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.3 Mobilization and Site Preparation - 2032

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6592	0.8864	14.2104	0.0569	9.0516	0.0251	9.0767	2.4002	0.0231	2.4233		5,754.4117	5,754.4117	0.0753	0.1213	5,792.4534
Total	1.6592	0.8864	14.2104	0.0569	9.0516	0.0251	9.0767	2.4002	0.0231	2.4233		5,754.4117	5,754.4117	0.0753	0.1213	5,792.4534

3.4 Soil Remediation - 2032

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					0.1532	0.0000	0.1532	0.0165	0.0000	0.0165			0.0000			0.0000
Off-Road	2.1833	9.0029	24.0026	0.0510		0.3457	0.3457		0.3457	0.3457		4,825.7992	4,825.7992	0.1932		4,830.6298
Total	2.1833	9.0029	24.0026	0.0510	0.1532	0.3457	0.4989	0.0165	0.3457	0.3623		4,825.7992	4,825.7992	0.1932		4,830.6298

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.4 Soil Remediation - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.1100e-003	0.1341	0.0460	5.3000e-004	0.0194	1.0400e-003	0.0205	5.3200e-003	1.0000e-003	6.3200e-003		60.7140	60.7140	5.4900e-003	9.7300e-003	63.7524
Vendor	1.2200e-003	0.0633	0.0190	2.8000e-004	0.0120	4.2000e-004	0.0125	3.4600e-003	4.0000e-004	3.8700e-003		31.2212	31.2212	1.6500e-003	4.6300e-003	32.6407
Worker	1.6630	0.8884	14.2432	0.0571	9.0725	0.0252	9.0977	2.4057	0.0231	2.4289		5,767.7013	5,767.7013	0.0755	0.1216	5,805.8309
Total	1.6663	1.0858	14.3082	0.0579	9.1040	0.0266	9.1306	2.4145	0.0245	2.4391		5,859.6365	5,859.6365	0.0826	0.1360	5,902.2240

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					0.0689	0.0000	0.0689	7.4400e-003	0.0000	7.4400e-003			0.0000			0.0000
Off-Road	1.6920	7.1020	25.3307	0.0510		0.2710	0.2710		0.2710	0.2710	0.0000	4,825.7992	4,825.7992	0.1932		4,830.6298
Total	1.6920	7.1020	25.3307	0.0510	0.0689	0.2710	0.3400	7.4400e-003	0.2710	0.2785	0.0000	4,825.7992	4,825.7992	0.1932		4,830.6298

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.4 Soil Remediation - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.1100e-003	0.1341	0.0460	5.3000e-004	0.0194	1.0400e-003	0.0205	5.3200e-003	1.0000e-003	6.3200e-003		60.7140	60.7140	5.4900e-003	9.7300e-003	63.7524
Vendor	1.2200e-003	0.0633	0.0190	2.8000e-004	0.0120	4.2000e-004	0.0125	3.4600e-003	4.0000e-004	3.8700e-003		31.2212	31.2212	1.6500e-003	4.6300e-003	32.6407
Worker	1.6630	0.8884	14.2432	0.0571	9.0725	0.0252	9.0977	2.4057	0.0231	2.4289		5,767.7013	5,767.7013	0.0755	0.1216	5,805.8309
Total	1.6663	1.0858	14.3082	0.0579	9.1040	0.0266	9.1306	2.4145	0.0245	2.4391		5,859.6365	5,859.6365	0.0826	0.1360	5,902.2240

3.4 Soil Remediation - 2033

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					0.1532	0.0000	0.1532	0.0165	0.0000	0.0165			0.0000			0.0000
Off-Road	2.1833	9.0029	24.0026	0.0510		0.3457	0.3457		0.3457	0.3457		4,825.7992	4,825.7992	0.1932		4,830.6298
Total	2.1833	9.0029	24.0026	0.0510	0.1532	0.3457	0.4989	0.0165	0.3457	0.3623		4,825.7992	4,825.7992	0.1932		4,830.6298

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.4 Soil Remediation - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0900e-003	0.1323	0.0464	5.2000e-004	0.0194	1.0300e-003	0.0204	5.3200e-003	9.9000e-004	6.3100e-003		59.7667	59.7667	5.5700e-003	9.5900e-003	62.7630
Vendor	1.2000e-003	0.0626	0.0191	2.8000e-004	0.0120	4.2000e-004	0.0125	3.4600e-003	4.0000e-004	3.8600e-003		30.7874	30.7874	1.6700e-003	4.5600e-003	32.1886
Worker	1.5734	0.8357	13.7788	0.0561	9.0725	0.0236	9.0961	2.4057	0.0217	2.4274		5,668.4033	5,668.4033	0.0704	0.1184	5,705.4322
Total	1.5767	1.0306	13.8443	0.0569	9.1040	0.0251	9.1290	2.4145	0.0231	2.4376		5,758.9574	5,758.9574	0.0777	0.1325	5,800.3838

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					0.0689	0.0000	0.0689	7.4400e-003	0.0000	7.4400e-003			0.0000			0.0000
Off-Road	1.6920	7.1020	25.3307	0.0510		0.2710	0.2710		0.2710	0.2710	0.0000	4,825.7992	4,825.7992	0.1932		4,830.6298
Total	1.6920	7.1020	25.3307	0.0510	0.0689	0.2710	0.3400	7.4400e-003	0.2710	0.2785	0.0000	4,825.7992	4,825.7992	0.1932		4,830.6298

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.4 Soil Remediation - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0900e-003	0.1323	0.0464	5.2000e-004	0.0194	1.0300e-003	0.0204	5.3200e-003	9.9000e-004	6.3100e-003		59.7667	59.7667	5.5700e-003	9.5900e-003	62.7630
Vendor	1.2000e-003	0.0626	0.0191	2.8000e-004	0.0120	4.2000e-004	0.0125	3.4600e-003	4.0000e-004	3.8600e-003		30.7874	30.7874	1.6700e-003	4.5600e-003	32.1886
Worker	1.5734	0.8357	13.7788	0.0561	9.0725	0.0236	9.0961	2.4057	0.0217	2.4274		5,668.4033	5,668.4033	0.0704	0.1184	5,705.4322
Total	1.5767	1.0306	13.8443	0.0569	9.1040	0.0251	9.1290	2.4145	0.0231	2.4376		5,758.9574	5,758.9574	0.0777	0.1325	5,800.3838

3.5 Revegetation - 2033

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					0.1537	0.0000	0.1537	0.0166	0.0000	0.0166			0.0000			0.0000
Off-Road	0.0647	0.1851	0.6391	1.8100e-003		7.1000e-003	7.1000e-003		7.1000e-003	7.1000e-003		171.2819	171.2819	5.7300e-003		171.4251
Total	0.0647	0.1851	0.6391	1.8100e-003	0.1537	7.1000e-003	0.1608	0.0166	7.1000e-003	0.0237		171.2819	171.2819	5.7300e-003		171.4251

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.5 Revegetation - 2033

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5716	0.8348	13.7629	0.0560	16.9427	0.0236	16.9662	4.3373	0.0217	4.3590		5,661.868 3	5,661.868 3	0.0703	0.1182	5,698.854 5
Total	1.5716	0.8348	13.7629	0.0560	16.9427	0.0236	16.9662	4.3373	0.0217	4.3590		5,661.868 3	5,661.868 3	0.0703	0.1182	5,698.854 5

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					0.0692	0.0000	0.0692	7.4700e-003	0.0000	7.4700e-003			0.0000			0.0000
Off-Road	0.0486	0.1474	0.7201	1.8100e-003		5.4800e-003	5.4800e-003		5.4800e-003	5.4800e-003	0.0000	171.2819	171.2819	5.7300e-003		171.4251
Total	0.0486	0.1474	0.7201	1.8100e-003	0.0692	5.4800e-003	0.0747	7.4700e-003	5.4800e-003	0.0130	0.0000	171.2819	171.2819	5.7300e-003		171.4251

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.5 Revegetation - 2033

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5716	0.8348	13.7629	0.0560	16.9427	0.0236	16.9662	4.3373	0.0217	4.3590		5,661.868 3	5,661.868 3	0.0703	0.1182	5,698.854 5
Total	1.5716	0.8348	13.7629	0.0560	16.9427	0.0236	16.9662	4.3373	0.0217	4.3590		5,661.868 3	5,661.868 3	0.0703	0.1182	5,698.854 5

3.5 Revegetation - 2034

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					0.1537	0.0000	0.1537	0.0166	0.0000	0.0166			0.0000			0.0000
Off-Road	0.0647	0.1851	0.6391	1.8100e-003		7.1000e-003	7.1000e-003		7.1000e-003	7.1000e-003		171.2819	171.2819	5.7300e-003		171.4251
Total	0.0647	0.1851	0.6391	1.8100e-003	0.1537	7.1000e-003	0.1608	0.0166	7.1000e-003	0.0237		171.2819	171.2819	5.7300e-003		171.4251

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.5 Revegetation - 2034

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4911	0.7908	13.3463	0.0551	16.9427	0.0221	16.9648	4.3373	0.0204	4.3577		5,574.138 4	5,574.138 4	0.0658	0.1155	5,610.197 2
Total	1.4911	0.7908	13.3463	0.0551	16.9427	0.0221	16.9648	4.3373	0.0204	4.3577		5,574.138 4	5,574.138 4	0.0658	0.1155	5,610.197 2

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					0.0692	0.0000	0.0692	7.4700e-003	0.0000	7.4700e-003			0.0000			0.0000
Off-Road	0.0486	0.1474	0.7201	1.8100e-003		5.4800e-003	5.4800e-003		5.4800e-003	5.4800e-003	0.0000	171.2819	171.2819	5.7300e-003		171.4251
Total	0.0486	0.1474	0.7201	1.8100e-003	0.0692	5.4800e-003	0.0747	7.4700e-003	5.4800e-003	0.0130	0.0000	171.2819	171.2819	5.7300e-003		171.4251

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.5 Revegetation - 2034

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4911	0.7908	13.3463	0.0551	16.9427	0.0221	16.9648	4.3373	0.0204	4.3577		5,574.138 4	5,574.138 4	0.0658	0.1155	5,610.197 2
Total	1.4911	0.7908	13.3463	0.0551	16.9427	0.0221	16.9648	4.3373	0.0204	4.3577		5,574.138 4	5,574.138 4	0.0658	0.1155	5,610.197 2

3.5 Revegetation - 2035

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					0.1537	0.0000	0.1537	0.0166	0.0000	0.0166			0.0000			0.0000
Off-Road	0.0592	0.1247	0.6373	1.8100e-003		4.6900e-003	4.6900e-003		4.6900e-003	4.6900e-003		171.2819	171.2819	5.1200e-003		171.4100
Total	0.0592	0.1247	0.6373	1.8100e-003	0.1537	4.6900e-003	0.1584	0.0166	4.6900e-003	0.0213		171.2819	171.2819	5.1200e-003		171.4100

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.5 Revegetation - 2035

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4193	0.7563	12.9925	0.0544	16.9427	0.0209	16.9635	4.3373	0.0192	4.3565		5,497.3866	5,497.3866	0.0618	0.1133	5,532.7002
Total	1.4193	0.7563	12.9925	0.0544	16.9427	0.0209	16.9635	4.3373	0.0192	4.3565		5,497.3866	5,497.3866	0.0618	0.1133	5,532.7002

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					0.0692	0.0000	0.0692	7.4700e-003	0.0000	7.4700e-003			0.0000			0.0000
Off-Road	0.0450	0.1082	0.7190	1.8100e-003		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	171.2819	171.2819	5.1200e-003		171.4100
Total	0.0450	0.1082	0.7190	1.8100e-003	0.0692	3.9000e-003	0.0731	7.4700e-003	3.9000e-003	0.0114	0.0000	171.2819	171.2819	5.1200e-003		171.4100

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.5 Revegetation - 2035

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4193	0.7563	12.9925	0.0544	16.9427	0.0209	16.9635	4.3373	0.0192	4.3565		5,497.3866	5,497.3866	0.0618	0.1133	5,532.7002
Total	1.4193	0.7563	12.9925	0.0544	16.9427	0.0209	16.9635	4.3373	0.0192	4.3565		5,497.3866	5,497.3866	0.0618	0.1133	5,532.7002

3.6 Mobilization and Site Prep Landscape - 2035

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					0.0707	0.0000	0.0707	7.6300e-003	0.0000	7.6300e-003			0.0000			0.0000
Off-Road	5.6544	15.2440	58.9664	0.1468		0.5552	0.5552		0.5552	0.5552		14,668.5751	14,668.5751	0.4939		14,680.9214
Total	5.6544	15.2440	58.9664	0.1468	0.0707	0.5552	0.6259	7.6300e-003	0.5552	0.5628		14,668.5751	14,668.5751	0.4939		14,680.9214

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.6 Mobilization and Site Prep Landscape - 2035

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604

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					0.0318	0.0000	0.0318	3.4400e-003	0.0000	3.4400e-003			0.0000			0.0000
Off-Road	4.7913	13.0866	61.8417	0.1468		0.4734	0.4734		0.4734	0.4734	0.0000	14,668.5751	14,668.5751	0.4939		14,680.9213
Total	4.7913	13.0866	61.8417	0.1468	0.0318	0.4734	0.5052	3.4400e-003	0.4734	0.4768	0.0000	14,668.5751	14,668.5751	0.4939		14,680.9213

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.6 Mobilization and Site Prep Landscape - 2035

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4

3.7 Mass Excavation - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.7147	6.3789	30.4657	0.0952		0.2446	0.2446		0.2446	0.2446		10,288.43 97	10,288.43 97	0.3212		10,296.47 06
Total	3.7147	6.3789	30.4657	0.0952		0.2446	0.2446		0.2446	0.2446		10,288.43 97	10,288.43 97	0.3212		10,296.47 06

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.7 Mass Excavation - 2035

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	4.8000e-004	0.0300	0.0109	1.2000e-004	4.5000e-003	2.4000e-004	4.7300e-003	1.2300e-003	2.2000e-004	1.4600e-003		13.4693	13.4693	1.3200e-003	2.1600e-003	14.1466
Vendor	3.4900e-003	0.1841	0.0575	8.2000e-004	0.0361	1.2300e-003	0.0373	0.0104	1.1800e-003	0.0116		90.0734	90.0734	5.1100e-003	0.0134	94.1804
Worker	1.4176	0.7554	12.9776	0.0543	9.0517	0.0208	9.0725	2.4002	0.0192	2.4194		5,491.0775	5,491.0775	0.0617	0.1132	5,526.3506
Total	1.4216	0.9694	13.0461	0.0553	9.0923	0.0223	9.1146	2.4118	0.0206	2.4324		5,594.6202	5,594.6202	0.0682	0.1287	5,634.6776

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	3.5243	6.2330	30.9341	0.0952		0.2349	0.2349		0.2349	0.2349	0.0000	10,288.4397	10,288.4397	0.3212		10,296.4706
Total	3.5243	6.2330	30.9341	0.0952		0.2349	0.2349		0.2349	0.2349	0.0000	10,288.4397	10,288.4397	0.3212		10,296.4706

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.7 Mass Excavation - 2035

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	4.8000e-004	0.0300	0.0109	1.2000e-004	4.5000e-003	2.4000e-004	4.7300e-003	1.2300e-003	2.2000e-004	1.4600e-003		13.4693	13.4693	1.3200e-003	2.1600e-003	14.1466
Vendor	3.4900e-003	0.1841	0.0575	8.2000e-004	0.0361	1.2300e-003	0.0373	0.0104	1.1800e-003	0.0116		90.0734	90.0734	5.1100e-003	0.0134	94.1804
Worker	1.4176	0.7554	12.9776	0.0543	9.0517	0.0208	9.0725	2.4002	0.0192	2.4194		5,491.0775	5,491.0775	0.0617	0.1132	5,526.3506
Total	1.4216	0.9694	13.0461	0.0553	9.0923	0.0223	9.1146	2.4118	0.0206	2.4324		5,594.6202	5,594.6202	0.0682	0.1287	5,634.6776

3.7 Mass Excavation - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.7147	6.3789	30.4657	0.0952		0.2446	0.2446		0.2446	0.2446		10,288.4397	10,288.4397	0.3212		10,296.4706
Total	3.7147	6.3789	30.4657	0.0952		0.2446	0.2446		0.2446	0.2446		10,288.4397	10,288.4397	0.3212		10,296.4706

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.7 Mass Excavation - 2036

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	4.8000e-004	0.0300	0.0109	1.2000e-004	4.5000e-003	2.4000e-004	4.7300e-003	1.2300e-003	2.2000e-004	1.4600e-003		13.4693	13.4693	1.3200e-003	2.1600e-003	14.1466
Vendor	3.4900e-003	0.1841	0.0575	8.2000e-004	0.0361	1.2300e-003	0.0373	0.0104	1.1800e-003	0.0116		90.0734	90.0734	5.1100e-003	0.0134	94.1804
Worker	1.4176	0.7554	12.9776	0.0543	9.0517	0.0208	9.0725	2.4002	0.0192	2.4194		5,491.0775	5,491.0775	0.0617	0.1132	5,526.3506
Total	1.4216	0.9694	13.0461	0.0553	9.0923	0.0223	9.1146	2.4118	0.0206	2.4324		5,594.6202	5,594.6202	0.0682	0.1287	5,634.6776

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	3.5243	6.2330	30.9341	0.0952		0.2349	0.2349		0.2349	0.2349	0.0000	10,288.4397	10,288.4397	0.3212		10,296.4706
Total	3.5243	6.2330	30.9341	0.0952		0.2349	0.2349		0.2349	0.2349	0.0000	10,288.4397	10,288.4397	0.3212		10,296.4706

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.7 Mass Excavation - 2036

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	4.8000e-004	0.0300	0.0109	1.2000e-004	4.5000e-003	2.4000e-004	4.7300e-003	1.2300e-003	2.2000e-004	1.4600e-003		13.4693	13.4693	1.3200e-003	2.1600e-003	14.1466
Vendor	3.4900e-003	0.1841	0.0575	8.2000e-004	0.0361	1.2300e-003	0.0373	0.0104	1.1800e-003	0.0116		90.0734	90.0734	5.1100e-003	0.0134	94.1804
Worker	1.4176	0.7554	12.9776	0.0543	9.0517	0.0208	9.0725	2.4002	0.0192	2.4194		5,491.0775	5,491.0775	0.0617	0.1132	5,526.3506
Total	1.4216	0.9694	13.0461	0.0553	9.0923	0.0223	9.1146	2.4118	0.0206	2.4324		5,594.6202	5,594.6202	0.0682	0.1287	5,634.6776

3.8 Backfill Building Foundation - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8137	4.8563	10.2180	0.0171		0.0897	0.0897		0.0897	0.0897		1,576.8307	1,576.8307	0.0726		1,578.6446
Total	0.8137	4.8563	10.2180	0.0171	0.0000	0.0897	0.0897	0.0000	0.0897	0.0897		1,576.8307	1,576.8307	0.0726		1,578.6446

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.8 Backfill Building Foundation - 2036

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	0.0000
Vendor	1.1600e-003	0.0614	0.0192	2.7000e-004	0.0378	4.1000e-004	0.0382	9.7900e-003	3.9000e-004	0.0102		30.0245	30.0245	1.7000e-003	4.4500e-003	31.3935
Worker	1.4143	0.7536	12.9475	0.0542	32.5907	0.0208	32.6115	8.1776	0.0191	8.1967		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604
Total	1.4155	0.8150	12.9667	0.0545	32.6286	0.0212	32.6497	8.1874	0.0195	8.2069		5,508.3934	5,508.3934	0.0633	0.1174	5,544.9538

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6394	3.7495	10.0642	0.0171		0.0739	0.0739		0.0739	0.0739	0.0000	1,576.8307	1,576.8307	0.0726		1,578.6446
Total	0.6394	3.7495	10.0642	0.0171	0.0000	0.0739	0.0739	0.0000	0.0739	0.0739	0.0000	1,576.8307	1,576.8307	0.0726		1,578.6446

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.8 Backfill Building Foundation - 2036

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	0.0000
Vendor	1.1600e-003	0.0614	0.0192	2.7000e-004	0.0378	4.1000e-004	0.0382	9.7900e-003	3.9000e-004	0.0102		30.0245	30.0245	1.7000e-003	4.4500e-003	31.3935
Worker	1.4143	0.7536	12.9475	0.0542	32.5907	0.0208	32.6115	8.1776	0.0191	8.1967		5,478.3689	5,478.3689	0.0616	0.1129	5,513.5604
Total	1.4155	0.8150	12.9667	0.0545	32.6286	0.0212	32.6497	8.1874	0.0195	8.2069		5,508.3934	5,508.3934	0.0633	0.1174	5,544.9538

3.9 Backfill Tunnels - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0733	4.4868	18.6655	0.0334		0.0878	0.0878		0.0878	0.0878		3,159.7254	3,159.7254	0.0944		3,162.0863
Total	1.0733	4.4868	18.6655	0.0334	0.0000	0.0878	0.0878	0.0000	0.0878	0.0878		3,159.7254	3,159.7254	0.0944		3,162.0863

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.9 Backfill Tunnels - 2036

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4176	0.7554	12.9775	0.0543	9.0516	0.0208	9.0724	2.4002	0.0192	2.4194		5,491.050 3	5,491.050 3	0.0617	0.1132	5,526.323 2
Total	1.4176	0.7554	12.9775	0.0543	9.0516	0.0208	9.0724	2.4002	0.0192	2.4194		5,491.050 3	5,491.050 3	0.0617	0.1132	5,526.323 2

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8708	3.6147	19.1418	0.0334		0.0759	0.0759		0.0759	0.0759	0.0000	3,159.725 4	3,159.725 4	0.0944		3,162.086 3
Total	0.8708	3.6147	19.1418	0.0334	0.0000	0.0759	0.0759	0.0000	0.0759	0.0759	0.0000	3,159.725 4	3,159.725 4	0.0944		3,162.086 3

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.9 Backfill Tunnels - 2036

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4176	0.7554	12.9775	0.0543	9.0516	0.0208	9.0724	2.4002	0.0192	2.4194		5,491.050 3	5,491.050 3	0.0617	0.1132	5,526.323 2
Total	1.4176	0.7554	12.9775	0.0543	9.0516	0.0208	9.0724	2.4002	0.0192	2.4194		5,491.050 3	5,491.050 3	0.0617	0.1132	5,526.323 2

3.10 Backfill and Grading of Zones - 2036

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					0.1545	0.0000	0.1545	0.0167	0.0000	0.0167			0.0000			0.0000
Off-Road	0.7445	2.8287	4.1643	0.0176		0.1062	0.1062		0.1062	0.1062		1,586.177 3	1,586.177 3	0.0653		1,587.809 4
Total	0.7445	2.8287	4.1643	0.0176	0.1545	0.1062	0.2607	0.0167	0.1062	0.1229		1,586.177 3	1,586.177 3	0.0653		1,587.809 4

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.10 Backfill and Grading of Zones - 2036

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	0.0000
Vendor	1.1600e-003	0.0614	0.0192	2.7000e-004	0.0120	4.1000e-004	0.0124	3.4600e-003	3.9000e-004	3.8500e-003		30.0245	30.0245	1.7000e-003	4.4500e-003	31.3935
Worker	1.4176	0.7554	12.9775	0.0543	9.0516	0.0208	9.0724	2.4002	0.0192	2.4194		5,491.0503	5,491.0503	0.0617	0.1132	5,526.3232
Total	1.4188	0.8168	12.9967	0.0546	9.0637	0.0212	9.0849	2.4036	0.0196	2.4232		5,521.0748	5,521.0748	0.0634	0.1176	5,557.7167

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					0.0695	0.0000	0.0695	7.5100e-003	0.0000	7.5100e-003			0.0000			0.0000
Off-Road	0.5717	2.3394	4.8549	0.0176		0.0867	0.0867		0.0867	0.0867	0.0000	1,586.1773	1,586.1773	0.0653		1,587.8094
Total	0.5717	2.3394	4.8549	0.0176	0.0695	0.0867	0.1563	7.5100e-003	0.0867	0.0943	0.0000	1,586.1773	1,586.1773	0.0653		1,587.8094

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.10 Backfill and Grading of Zones - 2036

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	0.0000
Vendor	1.1600e-003	0.0614	0.0192	2.7000e-004	0.0120	4.1000e-004	0.0124	3.4600e-003	3.9000e-004	3.8500e-003		30.0245	30.0245	1.7000e-003	4.4500e-003	31.3935
Worker	1.4176	0.7554	12.9775	0.0543	9.0516	0.0208	9.0724	2.4002	0.0192	2.4194		5,491.0503	5,491.0503	0.0617	0.1132	5,526.3232
Total	1.4188	0.8168	12.9967	0.0546	9.0637	0.0212	9.0849	2.4036	0.0196	2.4232		5,521.0748	5,521.0748	0.0634	0.1176	5,557.7167

3.11 Erosion Control and Restoration - 2036

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					0.1532	0.0000	0.1532	0.0165	0.0000	0.0165			0.0000			0.0000
Off-Road	3.0484	7.3436	24.5583	0.0840		0.2460	0.2460		0.2460	0.2460		8,633.8298	8,633.8298	0.2666		8,640.4947
Total	3.0484	7.3436	24.5583	0.0840	0.1532	0.2460	0.3992	0.0165	0.2460	0.2625		8,633.8298	8,633.8298	0.2666		8,640.4947

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.11 Erosion Control and Restoration - 2036

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	0.0000
Vendor	2.3300e-003	0.1227	0.0384	5.5000e-004	0.0241	8.2000e-004	0.0249	6.9200e-003	7.8000e-004	7.7100e-003		60.0489	60.0489	3.4100e-003	8.9000e-003	62.7869
Worker	1.4327	0.7634	13.1154	0.0549	9.1478	0.0211	9.1688	2.4257	0.0194	2.4451		5,549.3848	5,549.3848	0.0624	0.1144	5,585.0324
Total	1.4350	0.8861	13.1537	0.0555	9.1718	0.0219	9.1937	2.4326	0.0202	2.4528		5,609.4337	5,609.4337	0.0658	0.1233	5,647.8194

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					0.0689	0.0000	0.0689	7.4400e-003	0.0000	7.4400e-003			0.0000			0.0000
Off-Road	2.1763	5.7511	30.4910	0.0840		0.1906	0.1906		0.1906	0.1906	0.0000	8,633.8298	8,633.8298	0.2666		8,640.4947
Total	2.1763	5.7511	30.4910	0.0840	0.0689	0.1906	0.2595	7.4400e-003	0.1906	0.1980	0.0000	8,633.8298	8,633.8298	0.2666		8,640.4947

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.11 Erosion Control and Restoration - 2036

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	0.0000
Vendor	2.3300e-003	0.1227	0.0384	5.5000e-004	0.0241	8.2000e-004	0.0249	6.9200e-003	7.8000e-004	7.7100e-003		60.0489	60.0489	3.4100e-003	8.9000e-003	62.7869
Worker	1.4327	0.7634	13.1154	0.0549	9.1478	0.0211	9.1688	2.4257	0.0194	2.4451		5,549.3848	5,549.3848	0.0624	0.1144	5,585.0324
Total	1.4350	0.8861	13.1537	0.0555	9.1718	0.0219	9.1937	2.4326	0.0202	2.4528		5,609.4337	5,609.4337	0.0658	0.1233	5,647.8194

3.12 Movement and Stockpiling - 2036

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	0.4851	1.0565	2.7327	0.0127		0.0381	0.0381		0.0381	0.0381		1,443.3233	1,443.3233	0.0432		1,444.4027
Total	0.4851	1.0565	2.7327	0.0127		0.0381	0.0381		0.0381	0.0381		1,443.3233	1,443.3233	0.0432		1,444.4027

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2036

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4

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	0.2356	0.7594	4.8737	0.0127		0.0248	0.0248		0.0248	0.0248	0.0000	1,443.323 3	1,443.323 3	0.0432		1,444.402 7
Total	0.2356	0.7594	4.8737	0.0127		0.0248	0.0248		0.0248	0.0248	0.0000	1,443.323 3	1,443.323 3	0.0432		1,444.402 7

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2036

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4

3.12 Movement and Stockpiling - 2037

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	0.4851	1.0565	2.7327	0.0127		0.0381	0.0381		0.0381	0.0381		1,443.323 3	1,443.323 3	0.0432		1,444.402 7
Total	0.4851	1.0565	2.7327	0.0127		0.0381	0.0381		0.0381	0.0381		1,443.323 3	1,443.323 3	0.0432		1,444.402 7

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2037

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4

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	0.2356	0.7594	4.8737	0.0127		0.0248	0.0248		0.0248	0.0248	0.0000	1,443.323 3	1,443.323 3	0.0432		1,444.402 7
Total	0.2356	0.7594	4.8737	0.0127		0.0248	0.0248		0.0248	0.0248	0.0000	1,443.323 3	1,443.323 3	0.0432		1,444.402 7

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2037

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4

3.12 Movement and Stockpiling - 2038

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	0.4851	1.0565	2.7327	0.0127		0.0381	0.0381		0.0381	0.0381		1,443.323 3	1,443.323 3	0.0432		1,444.402 7
Total	0.4851	1.0565	2.7327	0.0127		0.0381	0.0381		0.0381	0.0381		1,443.323 3	1,443.323 3	0.0432		1,444.402 7

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2038

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4

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	0.2356	0.7594	4.8737	0.0127		0.0248	0.0248		0.0248	0.0248	0.0000	1,443.323 3	1,443.323 3	0.0432		1,444.402 7
Total	0.2356	0.7594	4.8737	0.0127		0.0248	0.0248		0.0248	0.0248	0.0000	1,443.323 3	1,443.323 3	0.0432		1,444.402 7

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2038

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4

3.12 Movement and Stockpiling - 2039

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	0.4851	1.0565	2.7327	0.0127		0.0381	0.0381		0.0381	0.0381		1,443.323 3	1,443.323 3	0.0432		1,444.402 7
Total	0.4851	1.0565	2.7327	0.0127		0.0381	0.0381		0.0381	0.0381		1,443.323 3	1,443.323 3	0.0432		1,444.402 7

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2039

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4

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	0.2356	0.7594	4.8737	0.0127		0.0248	0.0248		0.0248	0.0248	0.0000	1,443.323 3	1,443.323 3	0.0432		1,444.402 7
Total	0.2356	0.7594	4.8737	0.0127		0.0248	0.0248		0.0248	0.0248	0.0000	1,443.323 3	1,443.323 3	0.0432		1,444.402 7

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

3.12 Movement and Stockpiling - 2039

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4
Total	1.4143	0.7536	12.9475	0.0542	9.0307	0.0208	9.0515	2.3946	0.0191	2.4138		5,478.368 9	5,478.368 9	0.0616	0.1129	5,513.560 4

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9945	1.3323	9.5539	0.0184	2.0138	0.0155	2.0293	0.5374	0.0145	0.5519		1,874.4016	1,874.4016	0.1317	0.0956	1,906.1706
Unmitigated	0.9945	1.3323	9.5539	0.0184	2.0138	0.0155	2.0293	0.5374	0.0145	0.5519		1,874.4016	1,874.4016	0.1317	0.0956	1,906.1706

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Heavy Industry	326.70	326.70	326.70	953,804	953,804
Total	326.70	326.70	326.70	953,804	953,804

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 Heavy Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Heavy Industry	0.518500	0.056626	0.189643	0.140762	0.030399	0.007841	0.010730	0.006132	0.000824	0.000442	0.030440	0.001544	0.006118

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

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					
General Heavy Industry	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

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

5.2 Energy by Land Use - NaturalGas

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					
General Heavy Industry	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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	699.4455	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166
Unmitigated	699.4455	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

6.2 Area by SubCategory

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	699.1380					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.3075	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166
Total	699.4455	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

6.2 Area by SubCategory

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	699.1380					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.3075	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166
Total	699.4455	0.0302	3.3303	2.5000e-004		0.0119	0.0119		0.0119	0.0119		7.1499	7.1499	0.0187		7.6166

7.0 Water Detail

7.1 Mitigation Measures Water

Diablo Canyon Decommissioning Phase 2 - South Central Coast Air Basin, Winter

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation
