

PVL-Trona - Air District, Annual

PVL-Trona
Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	481.19	1000sqft	11.05	481,192.20	0
Other Non-Asphalt Surfaces	141.35	1000sqft	3.25	141,353.10	0
Parking Lot	30.00	Space	0.28	12,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	30
Climate Zone	10			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

PVL-Trona - Air District, Annual

Project Characteristics - Known values.

Land Use - Known area.

Construction Phase - From construction schedule.

Off-road Equipment - From construction schedule.

Energy Use -

Construction Off-road Equipment Mitigation - From construction schedule.

Mobile Commute Mitigation -

Operational Off-Road Equipment - Known values.

Table Name	Column Name	Default Value	New Value
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2.0 Emissions Summary

PVL-Trona - Air District, Annual

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					
2019	1.0940	6.9604	8.0071	0.0251	1.4264	0.1611	1.5875	0.3841	0.1498	0.5339	0.0000	2,306.2786	2,306.2786	0.2187	0.0000	2,311.7466
2020	0.0424	0.2679	0.3260	1.1400e-003	0.0882	4.9100e-003	0.0932	0.0233	4.5500e-003	0.0279	0.0000	104.8527	104.8527	8.7500e-003	0.0000	105.0716
Maximum	1.0940	6.9604	8.0071	0.0251	1.4264	0.1611	1.5875	0.3841	0.1498	0.5339	0.0000	2,306.2786	2,306.2786	0.2187	0.0000	2,311.7466

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					
2019	1.0940	6.9604	8.0071	0.0251	1.4264	0.1611	1.5875	0.3841	0.1498	0.5339	0.0000	2,306.2783	2,306.2783	0.2187	0.0000	2,311.7462
2020	0.0424	0.2679	0.3260	1.1400e-003	0.0882	4.9100e-003	0.0932	0.0233	4.5500e-003	0.0279	0.0000	104.8527	104.8527	8.7500e-003	0.0000	105.0716
Maximum	1.0940	6.9604	8.0071	0.0251	1.4264	0.1611	1.5875	0.3841	0.1498	0.5339	0.0000	2,306.2783	2,306.2783	0.2187	0.0000	2,311.7462

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PVL-Trona - Air District, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
3	7-7-2019	10-6-2019	3.4814	3.4814
4	10-7-2019	1-6-2020	4.0614	4.0614
5	1-7-2020	4-6-2020	0.1679	0.1679
		Highest	4.0614	4.0614

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	0.0416	6.0000e-005	6.0300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0117	0.0117	3.0000e-005	0.0000	0.0124
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3382	1.3382	6.0000e-005	1.0000e-005	1.3430
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	0.0416	6.0000e-005	6.0300e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005	0.0000	1.3499	1.3499	9.0000e-005	1.0000e-005	1.3554

PVL-Trona - 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					
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3382	1.3382	6.0000e-005	1.0000e-005	1.3430
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	1.3382	1.3382	6.0000e-005	1.0000e-005	1.3430

	ROG	NOx	CO	SO2	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	100.00	100.00	100.00	0.00	0.00	100.00	100.00	0.00	100.00	100.00	0.00	0.86	0.86	33.33	0.00	0.92

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Above Ground Air Piping 1	Building Construction	7/10/2019	7/19/2019	5	6	
2	Area Bollards & Barricades 1	Building Construction	7/10/2019	7/12/2019	5	2	
3	Electrical Support Pedestals	Building Construction	7/10/2019	7/26/2019	5	10	
4	West Equipment Foundation	Grading	7/11/2019	7/18/2019	5	4	

PVL-Trona - Air District, Annual

5	East Packaged Equipment	Building Construction	7/11/2019	7/25/2019	5	8
6	North Storage Tank	Building Construction	7/16/2019	7/17/2019	5	1
7	Powder Plant Processing Building	Building Construction	7/16/2019	8/15/2019	5	18
8	South Tank Support Steel	Building Construction	7/16/2019	7/18/2019	5	2
9	West Packaged Equipment	Building Construction	7/16/2019	8/1/2019	5	10
10	Solar Panel Misc. Concrete	Paving	7/16/2019	7/23/2019	5	4
11	East Storage Tank	Building Construction	7/18/2019	7/19/2019	5	1
12	Electrical Support Steel 1	Building Construction	7/18/2019	7/23/2019	5	2
13	West Equipment Tower Pedestals	Building Construction	7/18/2019	7/24/2019	5	3
14	West Storage Tank	Building Construction	7/18/2019	7/19/2019	5	1
15	Lime Plant Mechanical Testing	Building Construction	7/22/2019	7/26/2019	5	4
16	Process Piping 2	Building Construction	7/22/2019	8/7/2019	5	10
17	Area Bollards & Barricades 4	Building Construction	7/23/2019	7/25/2019	5	2
18	Solar Panel Post Assembly - Section 1	Building Construction	7/23/2019	7/31/2019	5	5
19	Conveyor Support Pedestals	Building Construction	7/24/2019	7/30/2019	5	3
20	Electrical Support Steel 2	Building Construction	7/29/2019	8/1/2019	5	3
21	Conveyor Supports	Building Construction	7/30/2019	8/7/2019	5	5
22	Storage Tank North Foundation Pedestals	Building Construction	7/30/2019	8/2/2019	5	3
23	Solar Panel Post Assembly - Section 2	Building Construction	7/31/2019	8/8/2019	5	5
24	Major Electrical Equipment 1	Building Construction	8/5/2019	8/7/2019	5	2
25	Storage Tank South Foundation Pedestals	Building Construction	8/5/2019	8/8/2019	5	3
26	Above Ground Utility Piping 2	Building Construction	8/7/2019	8/16/2019	5	6
27	Conveyor System	Building Construction	8/7/2019	8/13/2019	5	3
28	Panels & Boxes 1	Building Construction	8/7/2019	8/9/2019	5	2
29	Area Bollards & Barricades 3	Building Construction	8/8/2019	8/13/2019	5	2
30	Solar Panel Assembly - Section 1	Building Construction	8/8/2019	8/27/2019	5	10

PVL-Trona - Air District, Annual

31	Generator & Transformer Pads	Paving	8/8/2019	8/27/2019	5	10
32	Area Lighting 1	Building Construction	8/12/2019	8/20/2019	5	5
33	Unloading Building	Building Construction	8/15/2019	8/27/2019	5	6
34	Above Ground Drain Piping 2	Building Construction	8/19/2019	8/28/2019	5	6
35	Cable Tray 1	Building Construction	8/20/2019	8/28/2019	5	5
36	Solar Panel Assembly - Section 2	Building Construction	8/27/2019	9/12/2019	5	10
37	Solar PDC Building	Building Construction	8/27/2019	9/17/2019	5	12
38	Above Ground Air Piping 2	Building Construction	8/28/2019	9/3/2019	5	3
39	Conduit 1	Building Construction	8/28/2019	9/11/2019	5	8
40	Major Electrical Equipment 2	Building Construction	8/28/2019	9/5/2019	5	5
41	Above Ground Utility Piping 3	Building Construction	9/3/2019	9/19/2019	5	10
42	Powder Plant Mechanical Testing	Building Construction	9/3/2019	9/6/2019	5	3
43	Panels & Boxes 2	Building Construction	9/5/2019	9/13/2019	5	5
44	Above Ground Grounding 1	Building Construction	9/11/2019	9/17/2019	5	3
45	Area Lighting 2	Building Construction	9/16/2019	10/2/2019	5	10
46	Wire Pulls 1	Building Construction	9/17/2019	10/3/2019	5	10
47	Above Ground Drain Piping 3	Building Construction	9/19/2019	9/27/2019	5	5
48	Above Ground Air Piping 3	Building Construction	9/30/2019	10/2/2019	5	2
49	Above Ground Utility Piping 4	Building Construction	10/2/2019	10/10/2019	5	5
50	Cable Tray 2	Building Construction	10/2/2019	10/18/2019	5	10
51	Office, Lab, Control Room Building Mechanical Testing	Building Construction	10/2/2019	10/4/2019	5	2
52	Panels & Boxes 6	Building Construction	10/3/2019	10/8/2019	5	2
53	Conduit 6	Building Construction	10/8/2019	10/29/2019	5	12
54	Above Ground Drain Piping 4	Building Construction	10/10/2019	10/18/2019	5	5
55	Panels & Boxes 5	Building Construction	10/14/2019	10/16/2019	5	2
56	Conduit 5	Building Construction	10/16/2019	10/30/2019	5	8
57	Above Ground Air Piping 4	Building Construction	10/21/2019	10/29/2019	5	5

PVL-Trona - Air District, Annual

58	Conduit 2	Building Construction	10/21/2019	11/14/2019	5	15
59	Equipment Insulation 1	Building Construction	10/21/2019	11/6/2019	5	10
60	Major Electrical Equipment 3	Building Construction	10/21/2019	10/23/2019	5	2
61	Panels & Boxes 3	Building Construction	10/23/2019	10/25/2019	5	2
62	Area Lighting 3	Building Construction	10/28/2019	11/8/2019	5	8
63	Instrument Install 1	Building Construction	10/29/2019	11/19/2019	5	12
64	Panels & Boxes 7	Building Construction	10/29/2019	10/31/2019	5	2
65	Piping Insulation 1	Building Construction	10/29/2019	11/22/2019	5	15
66	Solar Station Mechanical Testing	Building Construction	10/29/2019	10/31/2019	5	2
67	Instrument / Media Install	Building Construction	10/30/2019	11/15/2019	5	10
68	Conduit 7	Building Construction	10/31/2019	11/14/2019	5	8
69	Equipment Insulation 2	Building Construction	10/31/2019	11/8/2019	5	5
70	Piping Insulation 2	Building Construction	10/31/2019	11/14/2019	5	8
71	Cable Tray 3	Building Construction	11/11/2019	11/22/2019	5	8
72	Above Ground Grounding 2	Building Construction	11/14/2019	11/22/2019	5	5
73	Instrument Install 2	Building Construction	11/14/2019	11/28/2019	5	8
74	Personnel Protective Insulation 2	Building Construction	11/14/2019	11/19/2019	5	2
75	Wire Pulls 5	Building Construction	11/18/2019	12/12/2019	5	15
76	Wire Pulls 6	Building Construction	11/19/2019	12/13/2019	5	15
77	Conduit 3	Building Construction	11/25/2019	12/11/2019	5	10
78	Major Electrical Equipment 4	Building Construction	11/25/2019	11/26/2019	5	1
79	Personnel Protective Insulation 1	Building Construction	11/25/2019	11/27/2019	5	2
80	Wire Pulls 2	Building Construction	11/25/2019	12/19/2019	5	15
81	Panels & Boxes 4	Building Construction	11/26/2019	11/28/2019	5	2
82	Site Lighting	Building Construction	11/28/2019	12/5/2019	5	4
83	Wire Pulls 7	Building Construction	11/28/2019	12/17/2019	5	10
84	Conduit 4	Building Construction	12/5/2019	12/19/2019	5	8

PVL-Trona - Air District, Annual

85	Above Ground Grounding 3	Building Construction	12/11/2019	12/17/2019	5	3
86	Tubing 1	Building Construction	12/12/2019	12/20/2019	5	5
87	Tubing 2	Building Construction	12/16/2019	12/27/2019	5	8
88	Tubing 3	Building Construction	12/17/2019	12/25/2019	5	5
89	Wire Pulls 3	Building Construction	12/17/2019	1/7/2020	5	12
90	Above Ground Grounding 4	Building Construction	12/19/2019	12/24/2019	5	2
91	Wire Pulls 4	Building Construction	12/24/2019	1/7/2020	5	8
92	Panels & Boxes 8	Building Construction	1/2/2020	1/7/2020	5	2
93	Conduit 8	Building Construction	1/7/2020	1/9/2020	5	2
94	Instrument Install 3	Building Construction	1/9/2020	1/17/2020	5	5
95	Wire Pulls 8	Building Construction	1/20/2020	1/28/2020	5	5
96	Controls Testing & Commissioning 1	Building Construction	1/28/2020	2/5/2020	5	5
97	Electrical Testing 1	Building Construction	1/28/2020	1/31/2020	5	3
98	Electrical Testing 2	Building Construction	2/3/2020	2/19/2020	5	10
99	Electrical Testing 3	Building Construction	2/19/2020	2/28/2020	5	6
100	Mechanical Equipment Testing & Commissioning 1	Building Construction	2/19/2020	3/11/2020	5	12
101	Electrical Testing 4	Building Construction	3/2/2020	3/4/2020	5	2
102	Controls Testing & Commissioning 2	Building Construction	3/11/2020	3/17/2020	5	3
103	Mechanical Equipment Testing & Commissioning 2	Building Construction	3/11/2020	3/19/2020	5	5
104	Controls Testing & Commissioning 3	Building Construction	3/17/2020	3/20/2020	5	3
105	Mechanical Equipment Testing & Commissioning 3	Building Construction	3/19/2020	3/24/2020	5	2
106	Controls Testing & Commissioning 4	Building Construction	3/23/2020	3/25/2020	5	2

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

PVL-Trona - Air District, Annual

Acres of Paving: 14.58**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
Above Ground Air Piping 1	Cranes	1	8.00	231	0.29
Above Ground Air Piping 1	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Air Piping 1	Welders	2	8.00	46	0.45
Area Bollards & Barricades 1	Excavators	1	8.00	158	0.38
Area Bollards & Barricades 1	Rough Terrain Forklifts	1	8.00	100	0.40
Area Bollards & Barricades 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Electrical Support Pedestals	Excavators	1	8.00	158	0.38
Electrical Support Pedestals	Rough Terrain Forklifts	1	8.00	100	0.40
Electrical Support Pedestals	Tractors/Loaders/Backhoes	1	8.00	97	0.37
West Equipment Foundation	Excavators	1	8.00	158	0.38
West Equipment Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
West Equipment Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
East Packaged Equipment	Cranes	1	8.00	231	0.29
East Packaged Equipment	Rough Terrain Forklifts	1	8.00	100	0.40
North Storage Tank	Cranes	1	8.00	231	0.29
North Storage Tank	Rough Terrain Forklifts	1	8.00	100	0.40
Powder Plant Processing Building	Cranes	1	8.00	231	0.29
Powder Plant Processing Building	Other Construction Equipment	2	8.00	49	0.42
Powder Plant Processing Building	Rough Terrain Forklifts	1	8.00	100	0.40
South Tank Support Steel	Cranes	1	8.00	231	0.29
South Tank Support Steel	Other Construction Equipment	1	8.00	49	0.42

PVL-Trona - Air District, Annual

South Tank Support Steel	Rough Terrain Forklifts	1	8.00	100	0.40
West Packaged Equipment	Cranes	1	8.00	231	0.29
West Packaged Equipment	Rough Terrain Forklifts	1	8.00	100	0.40
Solar Panel Misc. Concrete	Excavators	1	8.00	158	0.38
Solar Panel Misc. Concrete	Rough Terrain Forklifts	1	8.00	100	0.40
Solar Panel Misc. Concrete	Tractors/Loaders/Backhoes	1	8.00	97	0.37
East Storage Tank	Cranes	1	8.00	231	0.29
East Storage Tank	Rubber Tired Loaders	1	8.00	203	0.36
Electrical Support Steel 1	Cranes	1	8.00	231	0.29
Electrical Support Steel 1	Rough Terrain Forklifts	1	8.00	100	0.40
West Equipment Tower Pedestals	Excavators	1	8.00	158	0.38
West Equipment Tower Pedestals	Rough Terrain Forklifts	1	8.00	100	0.40
West Equipment Tower Pedestals	Tractors/Loaders/Backhoes	1	8.00	97	0.37
West Storage Tank	Cranes	1	8.00	231	0.29
West Storage Tank	Rough Terrain Forklifts	1	8.00	100	0.40
Lime Plant Mechanical Testing	Rough Terrain Forklifts	1	8.00	100	0.40
Process Piping 2	Cranes	1	8.00	231	0.29
Process Piping 2	Rough Terrain Forklifts	1	8.00	100	0.40
Process Piping 2	Welders	2	8.00	46	0.45
Area Bollards & Barricades 4	Excavators	1	8.00	158	0.38
Area Bollards & Barricades 4	Rough Terrain Forklifts	1	8.00	100	0.40
Area Bollards & Barricades 4	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Solar Panel Post Assembly - Section 1	Rough Terrain Forklifts	1	8.00	100	0.40
Conveyor Support Pedestals	Excavators	1	8.00	158	0.38
Conveyor Support Pedestals	Rough Terrain Forklifts	1	8.00	100	0.40
Conveyor Support Pedestals	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Electrical Support Steel 2	Cranes	1	8.00	231	0.29

PVL-Trona - Air District, Annual

Electrical Support Steel 2	Rough Terrain Forklifts	1	8.00	100	0.40
Conveyor Supports	Cranes	1	8.00	231	0.29
Conveyor Supports	Rough Terrain Forklifts	1	8.00	100	0.40
Storage Tank North Foundation Pedestals	Excavators	1	8.00	158	0.38
Storage Tank North Foundation Pedestals	Rough Terrain Forklifts	1	8.00	100	0.40
Storage Tank North Foundation Pedestals	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Solar Panel Post Assembly - Section 2	Rough Terrain Forklifts	1	8.00	100	0.40
Major Electrical Equipment 1	Cranes	1	8.00	231	0.29
Major Electrical Equipment 1	Rough Terrain Forklifts	1	8.00	100	0.40
Storage Tank South Foundation Pedestals	Excavators	1	8.00	158	0.38
Storage Tank South Foundation Pedestals	Rough Terrain Forklifts	1	8.00	100	0.40
Storage Tank South Foundation Pedestals	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Above Ground Utility Piping 2	Cranes	1	8.00	231	0.29
Above Ground Utility Piping 2	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Utility Piping 2	Welders	2	8.00	46	0.45
Conveyor System	Cranes	1	8.00	231	0.29
Conveyor System	Rough Terrain Forklifts	1	8.00	100	0.40
Panels & Boxes 1	Other Construction Equipment	1	8.00	49	0.42
Panels & Boxes 1	Rough Terrain Forklifts	1	8.00	100	0.40
Area Bollards & Barricades 3	Excavators	1	8.00	158	0.38
Area Bollards & Barricades 3	Rough Terrain Forklifts	1	8.00	100	0.40
Area Bollards & Barricades 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Solar Panel Assembly - Section 1	Rough Terrain Forklifts	1	8.00	100	0.40
Generator & Transformer Pads	Excavators	1	8.00	158	0.38
Generator & Transformer Pads	Rough Terrain Forklifts	1	8.00	100	0.40
Generator & Transformer Pads	Tractors/Loaders/Backhoes	1	8.00	97	0.37

PVL-Trona - Air District, Annual

Area Lighting 1	Other Construction Equipment	2	8.00	49	0.42
Area Lighting 1	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading Building	Cranes	1	8.00	231	0.29
Unloading Building	Other Construction Equipment	2	8.00	49	0.42
Unloading Building	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Drain Piping 2	Cranes	1	8.00	231	0.29
Above Ground Drain Piping 2	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Drain Piping 2	Welders	2	8.00	46	0.45
Cable Tray 1	Other Construction Equipment	2	8.00	49	0.42
Cable Tray 1	Rough Terrain Forklifts	1	8.00	100	0.40
Solar Panel Assembly - Section 2	Rough Terrain Forklifts	1	8.00	100	0.40
Solar PDC Building	Cranes	1	8.00	231	0.29
Solar PDC Building	Other Construction Equipment	2	8.00	49	0.42
Solar PDC Building	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Air Piping 2	Cranes	1	8.00	231	0.29
Above Ground Air Piping 2	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Air Piping 2	Welders	2	8.00	46	0.45
Conduit 1	Other Construction Equipment	2	8.00	49	0.42
Conduit 1	Rough Terrain Forklifts	1	8.00	100	0.40
Major Electrical Equipment 2	Cranes	1	8.00	231	0.29
Major Electrical Equipment 2	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Utility Piping 3	Cranes	1	8.00	231	0.29
Above Ground Utility Piping 3	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Utility Piping 3	Welders	2	8.00	46	0.45
Powder Plant Mechanical Testing	Rough Terrain Forklifts	1	8.00	100	0.40
Panels & Boxes 2	Other Construction Equipment	1	8.00	49	0.42
Panels & Boxes 2	Rough Terrain Forklifts	1	8.00	100	0.40

PVL-Trona - Air District, Annual

Above Ground Grounding 1	Other Construction Equipment	2	8.00	49	0.42
Above Ground Grounding 1	Rough Terrain Forklifts	1	8.00	100	0.40
Area Lighting 2	Other Construction Equipment	2	8.00	49	0.42
Area Lighting 2	Rough Terrain Forklifts	1	8.00	100	0.40
Wire Pulls 1	Other Construction Equipment	2	8.00	49	0.42
Wire Pulls 1	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Drain Piping 3	Cranes	1	8.00	231	0.29
Above Ground Drain Piping 3	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Drain Piping 3	Welders	2	8.00	46	0.45
Above Ground Air Piping 3	Cranes	1	8.00	231	0.29
Above Ground Air Piping 3	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Air Piping 3	Welders	2	8.00	46	0.45
Above Ground Utility Piping 4	Cranes	1	8.00	231	0.29
Above Ground Utility Piping 4	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Utility Piping 4	Welders	2	8.00	46	0.45
Cable Tray 2	Other Construction Equipment	2	8.00	49	0.42
Cable Tray 2	Rough Terrain Forklifts	1	8.00	100	0.40
Office, Lab, Control Room Building Mechanical Testing	Rough Terrain Forklifts	1	8.00	100	0.40
Panels & Boxes 6	Other Construction Equipment	1	8.00	49	0.42
Panels & Boxes 6	Rough Terrain Forklifts	1	8.00	100	0.40
Conduit 6	Other Construction Equipment	1	8.00	49	0.42
Conduit 6	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Drain Piping 4	Cranes	1	8.00	231	0.29
Above Ground Drain Piping 4	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Drain Piping 4	Welders	2	8.00	46	0.45
Panels & Boxes 5	Other Construction Equipment	1	8.00	49	0.42
Panels & Boxes 5	Rough Terrain Forklifts	1	8.00	100	0.40

PVL-Trona - Air District, Annual

Conduit 5	Other Construction Equipment	1	8.00	49	0.42
Conduit 5	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Air Piping 4	Cranes	1	8.00	231	0.29
Above Ground Air Piping 4	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Air Piping 4	Welders	2	8.00	46	0.45
Conduit 2	Other Construction Equipment	2	8.00	49	0.42
Conduit 2	Rough Terrain Forklifts	1	8.00	100	0.40
Equipment Insulation 1	Other Construction Equipment	1	8.00	49	0.42
Equipment Insulation 1	Rough Terrain Forklifts	1	8.00	100	0.40
Major Electrical Equipment 3	Cranes	1	8.00	231	0.29
Major Electrical Equipment 3	Rough Terrain Forklifts	1	8.00	100	0.40
Panels & Boxes 3	Other Construction Equipment	1	8.00	49	0.42
Panels & Boxes 3	Rough Terrain Forklifts	1	8.00	100	0.40
Area Lighting 3	Other Construction Equipment	2	8.00	49	0.42
Area Lighting 3	Rough Terrain Forklifts	1	8.00	100	0.40
Instrument Install 1	Other Construction Equipment	1	8.00	49	0.42
Instrument Install 1	Rough Terrain Forklifts	1	8.00	100	0.40
Panels & Boxes 7	Other Construction Equipment	1	8.00	49	0.42
Panels & Boxes 7	Rough Terrain Forklifts	1	8.00	100	0.40
Piping Insulation 1	Other Construction Equipment	1	8.00	49	0.42
Piping Insulation 1	Rough Terrain Forklifts	1	8.00	100	0.40
Solar Station Mechanical Testing	Rough Terrain Forklifts	1	8.00	100	0.40
Instrument / Media Install	Other Construction Equipment	1	8.00	49	0.42
Instrument / Media Install	Rough Terrain Forklifts	1	8.00	100	0.40
Conduit 7	Other Construction Equipment	1	8.00	49	0.42
Conduit 7	Rough Terrain Forklifts	1	8.00	100	0.40
Equipment Insulation 2	Other Construction Equipment	1	8.00	49	0.42

PVL-Trona - Air District, Annual

Equipment Insulation 2	Rough Terrain Forklifts	1	8.00	100	0.40
Piping Insulation 2	Other Construction Equipment	1	8.00	49	0.42
Piping Insulation 2	Rough Terrain Forklifts	1	8.00	100	0.40
Cable Tray 3	Other Construction Equipment	2	8.00	49	0.42
Cable Tray 3	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Grounding 2	Other Construction Equipment	2	8.00	49	0.42
Above Ground Grounding 2	Rough Terrain Forklifts	1	8.00	100	0.40
Instrument Install 2	Other Construction Equipment	1	8.00	49	0.42
Instrument Install 2	Rough Terrain Forklifts	1	8.00	100	0.40
Personnel Protective Insulation 2	Other Construction Equipment	1	8.00	49	0.42
Personnel Protective Insulation 2	Rough Terrain Forklifts	1	8.00	100	0.40
Wire Pulls 5	Other Construction Equipment	1	8.00	49	0.42
Wire Pulls 5	Rough Terrain Forklifts	1	8.00	100	0.40
Wire Pulls 6	Other Construction Equipment	1	8.00	49	0.42
Wire Pulls 6	Rough Terrain Forklifts	1	8.00	100	0.40
Conduit 3	Other Construction Equipment	2	8.00	49	0.42
Conduit 3	Rough Terrain Forklifts	1	8.00	100	0.40
Major Electrical Equipment 4	Cranes	1	8.00	231	0.29
Major Electrical Equipment 4	Rough Terrain Forklifts	1	8.00	100	0.40
Personnel Protective Insulation 1	Other Construction Equipment	1	8.00	49	0.42
Personnel Protective Insulation 1	Rough Terrain Forklifts	1	8.00	100	0.40
Wire Pulls 2	Other Construction Equipment	2	8.00	49	0.42
Wire Pulls 2	Rough Terrain Forklifts	1	8.00	100	0.40
Panels & Boxes 4	Other Construction Equipment	1	8.00	49	0.42
Panels & Boxes 4	Rough Terrain Forklifts	1	8.00	100	0.40
Site Lighting	Other Construction Equipment	1	8.00	49	0.42
Site Lighting	Rough Terrain Forklifts	1	8.00	100	0.40

PVL-Trona - Air District, Annual

Wire Pulls 7	Other Construction Equipment	1	8.00	49	0.42
Wire Pulls 7	Rough Terrain Forklifts	1	8.00	100	0.40
Conduit 4	Other Construction Equipment	1	8.00	49	0.42
Conduit 4	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Grounding 3	Other Construction Equipment	2	8.00	49	0.42
Above Ground Grounding 3	Rough Terrain Forklifts	1	8.00	100	0.40
Tubing 1	Other Construction Equipment	1	8.00	49	0.42
Tubing 1	Rough Terrain Forklifts	1	8.00	100	0.40
Tubing 2	Other Construction Equipment	1	8.00	49	0.42
Tubing 2	Rough Terrain Forklifts	1	8.00	100	0.40
Tubing 3	Other Construction Equipment	1	8.00	49	0.42
Tubing 3	Rough Terrain Forklifts	1	8.00	100	0.40
Wire Pulls 3	Other Construction Equipment	2	8.00	49	0.42
Wire Pulls 3	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Grounding 4	Other Construction Equipment	1	8.00	49	0.42
Above Ground Grounding 4	Rough Terrain Forklifts	1	8.00	100	0.40
Wire Pulls 4	Other Construction Equipment	1	8.00	49	0.42
Wire Pulls 4	Rough Terrain Forklifts	1	8.00	100	0.40
Panels & Boxes 8	Other Construction Equipment	1	8.00	49	0.42
Panels & Boxes 8	Rough Terrain Forklifts	1	8.00	100	0.40
Conduit 8	Other Construction Equipment	1	8.00	49	0.42
Conduit 8	Rough Terrain Forklifts	1	8.00	100	0.40
Instrument Install 3	Other Construction Equipment	1	8.00	49	0.42
Instrument Install 3	Rough Terrain Forklifts	1	8.00	100	0.40
Wire Pulls 8	Other Construction Equipment	1	8.00	49	0.42
Wire Pulls 8	Rough Terrain Forklifts	1	8.00	100	0.40

PVL-Trona - Air District, Annual

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
Above Ground Air Piping 1		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Area Bollards & Barricades 1		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Electrical Support Pedestals		8.00	2.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
West Equipment Foundation		8.00	3.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
East Packaged Equipment		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
North Storage Tank		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Powder Plant Processing Building		10.00	1.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT
South Tank Support Steel		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
West Packaged Equipment		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Solar Panel Misc. Concrete		8.00	1.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
East Storage Tank		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Electrical Support Steel 1		5.00	0.00	0.00	2.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
West Equipment Tower Pedestals		8.00	2.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
West Storage Tank		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Lime Plant Mechanical Testing		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Process Piping 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Area Bollards & Barricades 4		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Solar Panel Post Assembly... Section 1		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Conveyor Support Pedestals		8.00	2.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Electrical Support Steel 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Conveyor Supports		5.00	0.00	0.00	2.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
Storage Tank North Foundation Pedestals		8.00	1.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Solar Panel Post Assembly... Section 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Major Electrical Equipment 1		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

PVL-Trona - Air District, Annual

Storage Tank South Foundation, Berdendale	8.00	5.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Above Ground Utility Dining 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Conveyor System	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Panels & Boxes 1	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Area Bollards & Barricades 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Solar Panel Assembly Section 1	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Generator & Transformer, Berdendale	8.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Area Lighting 1	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Unloading Building	10.00	0.00	0.00	2.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
Above Ground Drain Dining 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Cable Tray 1	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Solar Panel Assembly Section 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Solar PDC Building	10.00	1.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT
Above Ground Air Dining 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Conduit 1	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Major Electrical Equipment 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Above Ground Utility Dining 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Powder Plant Mechanical Testing	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Panels & Boxes 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Above Ground Grounding 1	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Area Lighting 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Wire Pulls 1	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Above Ground Drain Dining 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Above Ground Air Dining 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Above Ground Utility Dining 4	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Cable Tray 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Office, Lab, Control Room Building, Mechanical	5.00	1.00	0.00	2.00	2.00	0.00	LD_Mix	HDT_Mix	HHDT

PVL-Trona - Air District, Annual

Panels & Boxes 6		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Conduit 6		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Above Ground Drain Piping 4		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Panels & Boxes 5		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Conduit 5		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Above Ground Air Piping 4		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Conduit 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Equipment Insulation 1		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Major Electrical Equipment 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Panels & Boxes 3		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Area Lighting 3		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Instrument Install 1		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Panels & Boxes 7		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Piping Insulation 1		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Solar Station Mechanical Testing		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Instrument / Media Install		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Conduit 7		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Equipment Insulation 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Piping Insulation 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Cable Tray 3		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Above Ground Grounding 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Instrument Install 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Personnel Protective Insulation 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Wire Pulls 5		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Wire Pulls 6		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Conduit 3		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Major Electrical Equipment 4		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

PVL-Trona - Air District, Annual

Personnel Protective Insulation 1		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Wire Pulls 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Panels & Boxes 4		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Lighting		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Wire Pulls 7		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Conduit 4		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Above Ground Grounding 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Tubing 1		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Tubing 2		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Tubing 3		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Wire Pulls 3		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Above Ground Grounding 4		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Wire Pulls 4		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Panels & Boxes 8		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Conduit 8		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Instrument Install 3		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Wire Pulls 8		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Controls Testing & Commissioning 1			118.00	0.00	16.80	6.60				
Electrical Testing 1			118.00	0.00	16.80	6.60				
Electrical Testing 2			118.00	0.00	16.80	6.60				
Electrical Testing 3			118.00	0.00	16.80	6.60				
Mechanical Equipment Testing & Commissioning			118.00	0.00	16.80	6.60				
Electrical Testing 4			118.00	0.00	16.80	6.60				
Controls Testing & Commissioning 2			118.00	0.00	16.80	6.60				
Mechanical Equipment Testing & Commissioning			118.00	0.00	16.80	6.60				
Controls Testing & Commissioning 3			118.00	0.00	16.80	6.60				
Mechanical Equipment Testing & Commissioning			118.00	0.00	16.80	6.60				

PVL-Trona - Air District, Annual

Controls Testing & Commissioning 4			118.00	0.00	16.80	6.60			
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3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.101 Mechanical Equipment Testing & Commissioning 1 - 2020

Unmitigated Construction Off-Site

[illegible]

PVL-Trona - Air District, Annual

3.101 Mechanical Equipment Testing & Commissioning 1 - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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
Vendor					4.0300e-003	0.0000	4.0300e-003	9.9000e-004	0.0000	9.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					4.0300e-003	0.0000	4.0300e-003	9.9000e-004	0.0000	9.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.2 Above Ground Air Piping 1 - 2019**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	5.6700e-003	0.0444	0.0328	6.0000e-005		2.1500e-003	2.1500e-003		2.0400e-003	2.0400e-003	0.0000	4.8158	4.8158	1.3000e-003	0.0000	4.8483
Total	5.6700e-003	0.0444	0.0328	6.0000e-005		2.1500e-003	2.1500e-003		2.0400e-003	2.0400e-003	0.0000	4.8158	4.8158	1.3000e-003	0.0000	4.8483

PVL-Trona - Air District, Annual

3.2 Above Ground Air Piping 1 - 2019**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	1.7800e-003	0.0521	0.0134	1.3000e-004	2.8500e-003	3.0000e-004	3.1500e-003	8.2000e-004	2.8000e-004	1.1100e-003	0.0000	12.4303	12.4303	1.2300e-003	0.0000	12.4609
Worker	7.7000e-003	6.9100e-003	0.0607	1.5000e-004	0.0151	1.0000e-004	0.0152	4.0100e-003	9.0000e-005	4.1000e-003	0.0000	13.1235	13.1235	4.8000e-004	0.0000	13.1356
Total	9.4800e-003	0.0590	0.0741	2.8000e-004	0.0180	4.0000e-004	0.0184	4.8300e-003	3.7000e-004	5.2100e-003	0.0000	25.5538	25.5538	1.7100e-003	0.0000	25.5965

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	5.6700e-003	0.0444	0.0328	6.0000e-005		2.1500e-003	2.1500e-003		2.0400e-003	2.0400e-003	0.0000	4.8158	4.8158	1.3000e-003	0.0000	4.8483
Total	5.6700e-003	0.0444	0.0328	6.0000e-005		2.1500e-003	2.1500e-003		2.0400e-003	2.0400e-003	0.0000	4.8158	4.8158	1.3000e-003	0.0000	4.8483

PVL-Trona - Air District, Annual

3.2 Above Ground Air Piping 1 - 2019

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	1.7800e-003	0.0521	0.0134	1.3000e-004	2.8500e-003	3.0000e-004	3.1500e-003	8.2000e-004	2.8000e-004	1.1100e-003	0.0000	12.4303	12.4303	1.2300e-003	0.0000	12.4609
Worker	7.7000e-003	6.9100e-003	0.0607	1.5000e-004	0.0151	1.0000e-004	0.0152	4.0100e-003	9.0000e-005	4.1000e-003	0.0000	13.1235	13.1235	4.8000e-004	0.0000	13.1356
Total	9.4800e-003	0.0590	0.0741	2.8000e-004	0.0180	4.0000e-004	0.0184	4.8300e-003	3.7000e-004	5.2100e-003	0.0000	25.5538	25.5538	1.7100e-003	0.0000	25.5965

3.102 Electrical Testing 4 - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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
Vendor					7.6000e-004	0.0000	7.6000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					7.6000e-004	0.0000	7.6000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

PVL-Trona - Air District, Annual

3.102 Electrical Testing 4 - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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
Vendor					7.6000e-004	0.0000	7.6000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					7.6000e-004	0.0000	7.6000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.3 Area Bollards & Barricades 1 - 2019**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	9.5000e-004	0.0103	0.0118	2.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	1.5780	1.5780	5.0000e-004	0.0000	1.5905
Total	9.5000e-004	0.0103	0.0118	2.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	1.5780	1.5780	5.0000e-004	0.0000	1.5905

PVL-Trona - Air District, Annual

3.3 Area Bollards & Barricades 1 - 2019**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	6.7000e-004	0.0195	5.0300e-003	5.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.1000e-004	4.2000e-004	0.0000	4.6614	4.6614	4.6000e-004	0.0000	4.6728
Worker	2.8900e-003	2.5900e-003	0.0228	5.0000e-005	5.6600e-003	4.0000e-005	5.7000e-003	1.5000e-003	3.0000e-005	1.5400e-003	0.0000	4.9213	4.9213	1.8000e-004	0.0000	4.9258
Total	3.5600e-003	0.0221	0.0278	1.0000e-004	6.7300e-003	1.5000e-004	6.8800e-003	1.8100e-003	1.4000e-004	1.9600e-003	0.0000	9.5827	9.5827	6.4000e-004	0.0000	9.5987

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	9.5000e-004	0.0103	0.0118	2.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	1.5780	1.5780	5.0000e-004	0.0000	1.5905
Total	9.5000e-004	0.0103	0.0118	2.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	1.5780	1.5780	5.0000e-004	0.0000	1.5905

PVL-Trona - Air District, Annual

3.3 Area Bollards & Barricades 1 - 2019

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	6.7000e-004	0.0195	5.0300e-003	5.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.1000e-004	4.2000e-004	0.0000	4.6614	4.6614	4.6000e-004	0.0000	4.6728
Worker	2.8900e-003	2.5900e-003	0.0228	5.0000e-005	5.6600e-003	4.0000e-005	5.7000e-003	1.5000e-003	3.0000e-005	1.5400e-003	0.0000	4.9213	4.9213	1.8000e-004	0.0000	4.9258
Total	3.5600e-003	0.0221	0.0278	1.0000e-004	6.7300e-003	1.5000e-004	6.8800e-003	1.8100e-003	1.4000e-004	1.9600e-003	0.0000	9.5827	9.5827	6.4000e-004	0.0000	9.5987

3.103 Controls Testing & Commissioning 2 - 2020

Unmitigated Construction Off-Site

[illegible]

PVL-Trona - Air District, Annual

3.103 Controls Testing & Commissioning 2 - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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
Vendor					1.2600e-003	0.0000	1.2600e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					1.2600e-003	0.0000	1.2600e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.4 Electrical Support Pedestals - 2019**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	4.1300e-003	0.0447	0.0511	8.0000e-005		2.3900e-003	2.3900e-003		2.2000e-003	2.2000e-003	0.0000	6.8380	6.8380	2.1600e-003	0.0000	6.8921
Total	4.1300e-003	0.0447	0.0511	8.0000e-005		2.3900e-003	2.3900e-003		2.2000e-003	2.2000e-003	0.0000	6.8380	6.8380	2.1600e-003	0.0000	6.8921

PVL-Trona - Air District, Annual

3.4 Electrical Support Pedestals - 2019**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	1.0000e-004	2.7200e-003	7.1000e-004	1.0000e-005	3.1000e-004	3.0000e-005	3.4000e-004	9.0000e-005	3.0000e-005	1.2000e-004	0.0000	0.9629	0.9629	4.0000e-005	0.0000	0.9639
Worker	1.0000e-004	6.0000e-005	6.3000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0770	0.0770	0.0000	0.0000	0.0771
Total	2.0000e-004	2.7800e-003	1.3400e-003	1.0000e-005	3.9000e-004	3.0000e-005	4.2000e-004	1.1000e-004	3.0000e-005	1.4000e-004	0.0000	1.0400	1.0400	4.0000e-005	0.0000	1.0410

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	4.1300e-003	0.0447	0.0511	8.0000e-005		2.3900e-003	2.3900e-003		2.2000e-003	2.2000e-003	0.0000	6.8380	6.8380	2.1600e-003	0.0000	6.8921
Total	4.1300e-003	0.0447	0.0511	8.0000e-005		2.3900e-003	2.3900e-003		2.2000e-003	2.2000e-003	0.0000	6.8380	6.8380	2.1600e-003	0.0000	6.8921

PVL-Trona - Air District, Annual

3.4 Electrical Support Pedestals - 2019

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	1.0000e-004	2.7200e-003	7.1000e-004	1.0000e-005	3.1000e-004	3.0000e-005	3.4000e-004	9.0000e-005	3.0000e-005	1.2000e-004	0.0000	0.9629	0.9629	4.0000e-005	0.0000	0.9639
Worker	1.0000e-004	6.0000e-005	6.3000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0770	0.0770	0.0000	0.0000	0.0771
Total	2.0000e-004	2.7800e-003	1.3400e-003	1.0000e-005	3.9000e-004	3.0000e-005	4.2000e-004	1.1000e-004	3.0000e-005	1.4000e-004	0.0000	1.0400	1.0400	4.0000e-005	0.0000	1.0410

3.104 Mechanical Equipment Testing & Commissioning 2 - 2020

Unmitigated Construction Off-Site

[illegible]

PVL-Trona - Air District, Annual

3.104 Mechanical Equipment Testing & Commissioning 2 - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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
Vendor					1.7600e-003	0.0000	1.7600e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					1.7600e-003	0.0000	1.7600e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.5 West Equipment Foundation - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9100e-003	0.0206	0.0236	4.0000e-005		1.1000e-003	1.1000e-003		1.0200e-003	1.0200e-003	0.0000	3.1560	3.1560	1.0000e-003	0.0000	3.1810
Total	1.9100e-003	0.0206	0.0236	4.0000e-005	0.0000	1.1000e-003	1.1000e-003	0.0000	1.0200e-003	1.0200e-003	0.0000	3.1560	3.1560	1.0000e-003	0.0000	3.1810

PVL-Trona - Air District, Annual

3.5 West Equipment Foundation - 2019**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	7.0000e-005	1.8900e-003	4.9000e-004	1.0000e-005	2.1000e-004	2.0000e-005	2.4000e-004	6.0000e-005	2.0000e-005	8.0000e-005	0.0000	0.6667	0.6667	3.0000e-005	0.0000	0.6673
Worker	5.0000e-005	3.0000e-005	2.9000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0356	0.0356	0.0000	0.0000	0.0356
Total	1.2000e-004	1.9200e-003	7.8000e-004	1.0000e-005	2.5000e-004	2.0000e-005	2.8000e-004	7.0000e-005	2.0000e-005	9.0000e-005	0.0000	0.7022	0.7022	3.0000e-005	0.0000	0.7029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9100e-003	0.0206	0.0236	4.0000e-005		1.1000e-003	1.1000e-003		1.0200e-003	1.0200e-003	0.0000	3.1560	3.1560	1.0000e-003	0.0000	3.1810
Total	1.9100e-003	0.0206	0.0236	4.0000e-005	0.0000	1.1000e-003	1.1000e-003	0.0000	1.0200e-003	1.0200e-003	0.0000	3.1560	3.1560	1.0000e-003	0.0000	3.1810

PVL-Trona - Air District, Annual

3.5 West Equipment Foundation - 2019

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	7.0000e-005	1.8900e-003	4.9000e-004	1.0000e-005	2.1000e-004	2.0000e-005	2.4000e-004	6.0000e-005	2.0000e-005	8.0000e-005	0.0000	0.6667	0.6667	3.0000e-005	0.0000	0.6673
Worker	5.0000e-005	3.0000e-005	2.9000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0356	0.0356	0.0000	0.0000	0.0356
Total	1.2000e-004	1.9200e-003	7.8000e-004	1.0000e-005	2.5000e-004	2.0000e-005	2.8000e-004	7.0000e-005	2.0000e-005	9.0000e-005	0.0000	0.7022	0.7022	3.0000e-005	0.0000	0.7029

3.105 Controls Testing & Commissioning 3 - 2020

Unmitigated Construction Off-Site

[illegible]

PVL-Trona - Air District, Annual

3.105 Controls Testing & Commissioning 3 - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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
Vendor					1.0100e-003	0.0000	1.0100e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					1.0100e-003	0.0000	1.0100e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.6 East Packaged Equipment - 2019**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	3.5600e-003	0.0432	0.0253	5.0000e-005		1.8500e-003	1.8500e-003		1.7100e-003	1.7100e-003	0.0000	4.5513	4.5513	1.4400e-003	0.0000	4.5873
Total	3.5600e-003	0.0432	0.0253	5.0000e-005		1.8500e-003	1.8500e-003		1.7100e-003	1.7100e-003	0.0000	4.5513	4.5513	1.4400e-003	0.0000	4.5873

PVL-Trona - Air District, Annual

3.6 East Packaged Equipment - 2019**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	2.4500e-003	0.0716	0.0184	1.8000e-004	3.9200e-003	4.1000e-004	4.3300e-003	1.1300e-003	3.9000e-004	1.5200e-003	0.0000	17.0916	17.0916	1.6800e-003	0.0000	17.1338
Worker	0.0106	9.4900e-003	0.0834	2.0000e-004	0.0208	1.3000e-004	0.0209	5.5100e-003	1.2000e-004	5.6400e-003	0.0000	18.0448	18.0448	6.6000e-004	0.0000	18.0614
Total	0.0130	0.0811	0.1019	3.8000e-004	0.0247	5.4000e-004	0.0252	6.6400e-003	5.1000e-004	7.1600e-003	0.0000	35.1365	35.1365	2.3400e-003	0.0000	35.1951

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	3.5600e-003	0.0432	0.0253	5.0000e-005		1.8500e-003	1.8500e-003		1.7100e-003	1.7100e-003	0.0000	4.5513	4.5513	1.4400e-003	0.0000	4.5873
Total	3.5600e-003	0.0432	0.0253	5.0000e-005		1.8500e-003	1.8500e-003		1.7100e-003	1.7100e-003	0.0000	4.5513	4.5513	1.4400e-003	0.0000	4.5873

PVL-Trona - Air District, Annual

3.6 East Packaged Equipment - 2019

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	2.4500e-003	0.0716	0.0184	1.8000e-004	3.9200e-003	4.1000e-004	4.3300e-003	1.1300e-003	3.9000e-004	1.5200e-003	0.0000	17.0916	17.0916	1.6800e-003	0.0000	17.1338
Worker	0.0106	9.4900e-003	0.0834	2.0000e-004	0.0208	1.3000e-004	0.0209	5.5100e-003	1.2000e-004	5.6400e-003	0.0000	18.0448	18.0448	6.6000e-004	0.0000	18.0614
Total	0.0130	0.0811	0.1019	3.8000e-004	0.0247	5.4000e-004	0.0252	6.6400e-003	5.1000e-004	7.1600e-003	0.0000	35.1365	35.1365	2.3400e-003	0.0000	35.1951

3.106 Mechanical Equipment Testing & Commissioning 3 - 2020

Unmitigated Construction Off-Site

[illegible]

PVL-Trona - Air District, Annual

3.106 Mechanical Equipment Testing & Commissioning 3 - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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
Vendor					1.0100e-003	0.0000	1.0100e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					1.0100e-003	0.0000	1.0100e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.7 North Storage Tank - 2019**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	6.5000e-004	7.8600e-003	4.5900e-003	1.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	0.8275	0.8275	2.6000e-004	0.0000	0.8341
Total	6.5000e-004	7.8600e-003	4.5900e-003	1.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	0.8275	0.8275	2.6000e-004	0.0000	0.8341

PVL-Trona - Air District, Annual

3.7 North Storage Tank - 2019**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	4.4000e-004	0.0130	3.3500e-003	3.0000e-005	7.1000e-004	7.0000e-005	7.9000e-004	2.1000e-004	7.0000e-005	2.8000e-004	0.0000	3.1076	3.1076	3.1000e-004	0.0000	3.1152
Worker	1.9300e-003	1.7300e-003	0.0152	4.0000e-005	3.7800e-003	2.0000e-005	3.8000e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.2809	3.2809	1.2000e-004	0.0000	3.2839
Total	2.3700e-003	0.0148	0.0185	7.0000e-005	4.4900e-003	9.0000e-005	4.5900e-003	1.2100e-003	9.0000e-005	1.3000e-003	0.0000	6.3885	6.3885	4.3000e-004	0.0000	6.3991

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.5000e-004	7.8600e-003	4.5900e-003	1.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	0.8275	0.8275	2.6000e-004	0.0000	0.8341
Total	6.5000e-004	7.8600e-003	4.5900e-003	1.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	0.8275	0.8275	2.6000e-004	0.0000	0.8341

PVL-Trona - Air District, Annual

3.7 North Storage Tank - 2019

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	4.4000e-004	0.0130	3.3500e-003	3.0000e-005	7.1000e-004	7.0000e-005	7.9000e-004	2.1000e-004	7.0000e-005	2.8000e-004	0.0000	3.1076	3.1076	3.1000e-004	0.0000	3.1152
Worker	1.9300e-003	1.7300e-003	0.0152	4.0000e-005	3.7800e-003	2.0000e-005	3.8000e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.2809	3.2809	1.2000e-004	0.0000	3.2839
Total	2.3700e-003	0.0148	0.0185	7.0000e-005	4.4900e-003	9.0000e-005	4.5900e-003	1.2100e-003	9.0000e-005	1.3000e-003	0.0000	6.3885	6.3885	4.3000e-004	0.0000	6.3991

3.107 Controls Testing & Commissioning 4 - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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
Vendor					7.6000e-004	0.0000	7.6000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					7.6000e-004	0.0000	7.6000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

PVL-Trona - Air District, Annual

3.107 Controls Testing & Commissioning 4 - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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
Vendor					7.6000e-004	0.0000	7.6000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					7.6000e-004	0.0000	7.6000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.8 Powder Plant Processing Building - 2019**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	0.0171	0.1338	0.0991	1.5000e-004		7.5300e-003	7.5300e-003		6.9300e-003	6.9300e-003	0.0000	13.6040	13.6040	4.3000e-003	0.0000	13.7116
Total	0.0171	0.1338	0.0991	1.5000e-004		7.5300e-003	7.5300e-003		6.9300e-003	6.9300e-003	0.0000	13.6040	13.6040	4.3000e-003	0.0000	13.7116

PVL-Trona - Air District, Annual

3.8 Powder Plant Processing Building - 2019**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	4.4000e-004	0.0109	2.8400e-003	5.0000e-005	1.8000e-003	1.8000e-004	1.9700e-003	5.2000e-004	1.7000e-004	6.9000e-004	0.0000	4.9367	4.9367	6.0000e-005	0.0000	4.9383
Worker	2.3000e-004	1.3000e-004	1.3900e-003	0.0000	1.7000e-004	0.0000	1.7000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1703	0.1703	1.0000e-005	0.0000	0.1706
Total	6.7000e-004	0.0110	4.2300e-003	5.0000e-005	1.9700e-003	1.8000e-004	2.1400e-003	5.7000e-004	1.7000e-004	7.4000e-004	0.0000	5.1071	5.1071	7.0000e-005	0.0000	5.1088

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	0.0171	0.1338	0.0991	1.5000e-004		7.5300e-003	7.5300e-003		6.9300e-003	6.9300e-003	0.0000	13.6040	13.6040	4.3000e-003	0.0000	13.7116
Total	0.0171	0.1338	0.0991	1.5000e-004		7.5300e-003	7.5300e-003		6.9300e-003	6.9300e-003	0.0000	13.6040	13.6040	4.3000e-003	0.0000	13.7116

PVL-Trona - Air District, Annual

3.8 Powder Plant Processing Building - 2019**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	4.4000e-004	0.0109	2.8400e-003	5.0000e-005	1.8000e-003	1.8000e-004	1.9700e-003	5.2000e-004	1.7000e-004	6.9000e-004	0.0000	4.9367	4.9367	6.0000e-005	0.0000	4.9383
Worker	2.3000e-004	1.3000e-004	1.3900e-003	0.0000	1.7000e-004	0.0000	1.7000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1703	0.1703	1.0000e-005	0.0000	0.1706
Total	6.7000e-004	0.0110	4.2300e-003	5.0000e-005	1.9700e-003	1.8000e-004	2.1400e-003	5.7000e-004	1.7000e-004	7.4000e-004	0.0000	5.1071	5.1071	7.0000e-005	0.0000	5.1088

3.9 South Tank Support Steel - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6000e-003	0.0146	9.9000e-003	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	1.5079	1.5079	4.8000e-004	0.0000	1.5198
Total	1.6000e-003	0.0146	9.9000e-003	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	1.5079	1.5079	4.8000e-004	0.0000	1.5198

PVL-Trona - Air District, Annual

3.9 South Tank Support Steel - 2019**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	6.7000e-004	0.0195	5.0300e-003	5.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.1000e-004	4.2000e-004	0.0000	4.6614	4.6614	4.6000e-004	0.0000	4.6728
Worker	2.8900e-003	2.5900e-003	0.0228	5.0000e-005	5.6600e-003	4.0000e-005	5.7000e-003	1.5000e-003	3.0000e-005	1.5400e-003	0.0000	4.9213	4.9213	1.8000e-004	0.0000	4.9258
Total	3.5600e-003	0.0221	0.0278	1.0000e-004	6.7300e-003	1.5000e-004	6.8800e-003	1.8100e-003	1.4000e-004	1.9600e-003	0.0000	9.5827	9.5827	6.4000e-004	0.0000	9.5987

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	1.6000e-003	0.0146	9.9000e-003	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	1.5079	1.5079	4.8000e-004	0.0000	1.5198
Total	1.6000e-003	0.0146	9.9000e-003	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	1.5079	1.5079	4.8000e-004	0.0000	1.5198

PVL-Trona - Air District, Annual

3.9 South Tank Support Steel - 2019**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	6.7000e-004	0.0195	5.0300e-003	5.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.1000e-004	4.2000e-004	0.0000	4.6614	4.6614	4.6000e-004	0.0000	4.6728
Worker	2.8900e-003	2.5900e-003	0.0228	5.0000e-005	5.6600e-003	4.0000e-005	5.7000e-003	1.5000e-003	3.0000e-005	1.5400e-003	0.0000	4.9213	4.9213	1.8000e-004	0.0000	4.9258
Total	3.5600e-003	0.0221	0.0278	1.0000e-004	6.7300e-003	1.5000e-004	6.8800e-003	1.8100e-003	1.4000e-004	1.9600e-003	0.0000	9.5827	9.5827	6.4000e-004	0.0000	9.5987

3.10 West Packaged Equipment - 2019**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	4.2000e-003	0.0511	0.0299	6.0000e-005		2.1900e-003	2.1900e-003		2.0200e-003	2.0200e-003	0.0000	5.3788	5.3788	1.7000e-003	0.0000	5.4214
Total	4.2000e-003	0.0511	0.0299	6.0000e-005		2.1900e-003	2.1900e-003		2.0200e-003	2.0200e-003	0.0000	5.3788	5.3788	1.7000e-003	0.0000	5.4214

PVL-Trona - Air District, Annual

3.10 West Packaged Equipment - 2019**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	2.8900e-003	0.0846	0.0218	2.1000e-004	4.6400e-003	4.8000e-004	5.1200e-003	1.3400e-003	4.6000e-004	1.8000e-003	0.0000	20.1992	20.1992	1.9900e-003	0.0000	20.2490
Worker	0.0125	0.0112	0.0986	2.4000e-004	0.0245	1.6000e-004	0.0247	6.5200e-003	1.4000e-004	6.6600e-003	0.0000	21.3257	21.3257	7.8000e-004	0.0000	21.3453
Total	0.0154	0.0959	0.1204	4.5000e-004	0.0292	6.4000e-004	0.0298	7.8600e-003	6.0000e-004	8.4600e-003	0.0000	41.5249	41.5249	2.7700e-003	0.0000	41.5943

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	4.2000e-003	0.0511	0.0299	6.0000e-005		2.1900e-003	2.1900e-003		2.0200e-003	2.0200e-003	0.0000	5.3788	5.3788	1.7000e-003	0.0000	5.4214
Total	4.2000e-003	0.0511	0.0299	6.0000e-005		2.1900e-003	2.1900e-003		2.0200e-003	2.0200e-003	0.0000	5.3788	5.3788	1.7000e-003	0.0000	5.4214

PVL-Trona - Air District, Annual

3.10 West Packaged Equipment - 2019**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	2.8900e-003	0.0846	0.0218	2.1000e-004	4.6400e-003	4.8000e-004	5.1200e-003	1.3400e-003	4.6000e-004	1.8000e-003	0.0000	20.1992	20.1992	1.9900e-003	0.0000	20.2490
Worker	0.0125	0.0112	0.0986	2.4000e-004	0.0245	1.6000e-004	0.0247	6.5200e-003	1.4000e-004	6.6600e-003	0.0000	21.3257	21.3257	7.8000e-004	0.0000	21.3453
Total	0.0154	0.0959	0.1204	4.5000e-004	0.0292	6.4000e-004	0.0298	7.8600e-003	6.0000e-004	8.4600e-003	0.0000	41.5249	41.5249	2.7700e-003	0.0000	41.5943

3.11 Solar Panel Misc. Concrete - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9100e-003	0.0206	0.0236	4.0000e-005		1.1000e-003	1.1000e-003		1.0200e-003	1.0200e-003	0.0000	3.1560	3.1560	1.0000e-003	0.0000	3.1810
Paving	0.0223					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0242	0.0206	0.0236	4.0000e-005		1.1000e-003	1.1000e-003		1.0200e-003	1.0200e-003	0.0000	3.1560	3.1560	1.0000e-003	0.0000	3.1810

PVL-Trona - Air District, Annual

3.11 Solar Panel Misc. Concrete - 2019**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	2.0000e-005	6.3000e-004	1.6000e-004	0.0000	7.0000e-005	1.0000e-005	8.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.2222	0.2222	1.0000e-005	0.0000	0.2224
Worker	5.0000e-005	3.0000e-005	2.9000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0356	0.0356	0.0000	0.0000	0.0356
Total	7.0000e-005	6.6000e-004	4.5000e-004	0.0000	1.1000e-004	1.0000e-005	1.2000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.2578	0.2578	1.0000e-005	0.0000	0.2580

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	1.9100e-003	0.0206	0.0236	4.0000e-005		1.1000e-003	1.1000e-003		1.0200e-003	1.0200e-003	0.0000	3.1560	3.1560	1.0000e-003	0.0000	3.1810
Paving	0.0223					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0242	0.0206	0.0236	4.0000e-005		1.1000e-003	1.1000e-003		1.0200e-003	1.0200e-003	0.0000	3.1560	3.1560	1.0000e-003	0.0000	3.1810

PVL-Trona - Air District, Annual

3.11 Solar Panel Misc. Concrete - 2019**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	2.0000e-005	6.3000e-004	1.6000e-004	0.0000	7.0000e-005	1.0000e-005	8.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.2222	0.2222	1.0000e-005	0.0000	0.2224
Worker	5.0000e-005	3.0000e-005	2.9000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0356	0.0356	0.0000	0.0000	0.0356
Total	7.0000e-005	6.6000e-004	4.5000e-004	0.0000	1.1000e-004	1.0000e-005	1.2000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.2578	0.2578	1.0000e-005	0.0000	0.2580

3.12 East Storage Tank - 2019**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	9.0000e-004	0.0108	3.9700e-003	1.0000e-005		4.2000e-004	4.2000e-004		3.8000e-004	3.8000e-004	0.0000	1.0796	1.0796	3.4000e-004	0.0000	1.0881
Total	9.0000e-004	0.0108	3.9700e-003	1.0000e-005		4.2000e-004	4.2000e-004		3.8000e-004	3.8000e-004	0.0000	1.0796	1.0796	3.4000e-004	0.0000	1.0881

PVL-Trona - Air District, Annual

3.12 East Storage Tank - 2019**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	4.4000e-004	0.0130	3.3500e-003	3.0000e-005	7.1000e-004	7.0000e-005	7.9000e-004	2.1000e-004	7.0000e-005	2.8000e-004	0.0000	3.1076	3.1076	3.1000e-004	0.0000	3.1152
Worker	1.9300e-003	1.7300e-003	0.0152	4.0000e-005	3.7800e-003	2.0000e-005	3.8000e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.2809	3.2809	1.2000e-004	0.0000	3.2839
Total	2.3700e-003	0.0148	0.0185	7.0000e-005	4.4900e-003	9.0000e-005	4.5900e-003	1.2100e-003	9.0000e-005	1.3000e-003	0.0000	6.3885	6.3885	4.3000e-004	0.0000	6.3991

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	9.0000e-004	0.0108	3.9700e-003	1.0000e-005		4.2000e-004	4.2000e-004		3.8000e-004	3.8000e-004	0.0000	1.0796	1.0796	3.4000e-004	0.0000	1.0881
Total	9.0000e-004	0.0108	3.9700e-003	1.0000e-005		4.2000e-004	4.2000e-004		3.8000e-004	3.8000e-004	0.0000	1.0796	1.0796	3.4000e-004	0.0000	1.0881

PVL-Trona - Air District, Annual

3.12 East Storage Tank - 2019**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	4.4000e-004	0.0130	3.3500e-003	3.0000e-005	7.1000e-004	7.0000e-005	7.9000e-004	2.1000e-004	7.0000e-005	2.8000e-004	0.0000	3.1076	3.1076	3.1000e-004	0.0000	3.1152
Worker	1.9300e-003	1.7300e-003	0.0152	4.0000e-005	3.7800e-003	2.0000e-005	3.8000e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.2809	3.2809	1.2000e-004	0.0000	3.2839
Total	2.3700e-003	0.0148	0.0185	7.0000e-005	4.4900e-003	9.0000e-005	4.5900e-003	1.2100e-003	9.0000e-005	1.3000e-003	0.0000	6.3885	6.3885	4.3000e-004	0.0000	6.3991

3.13 Electrical Support Steel 1 - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2900e-003	0.0157	9.1800e-003	2.0000e-005		6.7000e-004	6.7000e-004		6.2000e-004	6.2000e-004	0.0000	1.6550	1.6550	5.2000e-004	0.0000	1.6681
Total	1.2900e-003	0.0157	9.1800e-003	2.0000e-005		6.7000e-004	6.7000e-004		6.2000e-004	6.2000e-004	0.0000	1.6550	1.6550	5.2000e-004	0.0000	1.6681

PVL-Trona - Air District, Annual

3.13 Electrical Support Steel 1 - 2019**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0148	0.0148	0.0000	0.0000	0.0148
Total	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0148	0.0148	0.0000	0.0000	0.0148

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	1.2900e-003	0.0157	9.1800e-003	2.0000e-005		6.7000e-004	6.7000e-004		6.2000e-004	6.2000e-004	0.0000	1.6550	1.6550	5.2000e-004	0.0000	1.6681
Total	1.2900e-003	0.0157	9.1800e-003	2.0000e-005		6.7000e-004	6.7000e-004		6.2000e-004	6.2000e-004	0.0000	1.6550	1.6550	5.2000e-004	0.0000	1.6681

PVL-Trona - Air District, Annual

3.13 Electrical Support Steel 1 - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0148	0.0148	0.0000	0.0000	0.0148
Total	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0148	0.0148	0.0000	0.0000	0.0148

3.14 West Equipment Tower Pedestals - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5900e-003	0.0172	0.0197	3.0000e-005		9.2000e-004	9.2000e-004		8.5000e-004	8.5000e-004	0.0000	2.6300	2.6300	8.3000e-004	0.0000	2.6508
Total	1.5900e-003	0.0172	0.0197	3.0000e-005		9.2000e-004	9.2000e-004		8.5000e-004	8.5000e-004	0.0000	2.6300	2.6300	8.3000e-004	0.0000	2.6508

PVL-Trona - Air District, Annual

3.14 West Equipment Tower Pedestals - 2019**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	4.0000e-005	1.0500e-003	2.7000e-004	0.0000	1.2000e-004	1.0000e-005	1.3000e-004	3.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.3704	0.3704	1.0000e-005	0.0000	0.3707
Worker	4.0000e-005	2.0000e-005	2.4000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0296	0.0296	0.0000	0.0000	0.0297
Total	8.0000e-005	1.0700e-003	5.1000e-004	0.0000	1.5000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.4000	0.4000	1.0000e-005	0.0000	0.4004

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	1.5900e-003	0.0172	0.0197	3.0000e-005		9.2000e-004	9.2000e-004		8.5000e-004	8.5000e-004	0.0000	2.6300	2.6300	8.3000e-004	0.0000	2.6508
Total	1.5900e-003	0.0172	0.0197	3.0000e-005		9.2000e-004	9.2000e-004		8.5000e-004	8.5000e-004	0.0000	2.6300	2.6300	8.3000e-004	0.0000	2.6508

PVL-Trona - Air District, Annual

3.14 West Equipment Tower Pedestals - 2019**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	4.0000e-005	1.0500e-003	2.7000e-004	0.0000	1.2000e-004	1.0000e-005	1.3000e-004	3.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.3704	0.3704	1.0000e-005	0.0000	0.3707
Worker	4.0000e-005	2.0000e-005	2.4000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0296	0.0296	0.0000	0.0000	0.0297
Total	8.0000e-005	1.0700e-003	5.1000e-004	0.0000	1.5000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.4000	0.4000	1.0000e-005	0.0000	0.4004

3.15 West Storage Tank - 2019**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	6.5000e-004	7.8600e-003	4.5900e-003	1.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	0.8275	0.8275	2.6000e-004	0.0000	0.8341
Total	6.5000e-004	7.8600e-003	4.5900e-003	1.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	0.8275	0.8275	2.6000e-004	0.0000	0.8341

PVL-Trona - Air District, Annual

3.15 West Storage Tank - 2019**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	4.4000e-004	0.0130	3.3500e-003	3.0000e-005	7.1000e-004	7.0000e-005	7.9000e-004	2.1000e-004	7.0000e-005	2.8000e-004	0.0000	3.1076	3.1076	3.1000e-004	0.0000	3.1152
Worker	1.9300e-003	1.7300e-003	0.0152	4.0000e-005	3.7800e-003	2.0000e-005	3.8000e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.2809	3.2809	1.2000e-004	0.0000	3.2839
Total	2.3700e-003	0.0148	0.0185	7.0000e-005	4.4900e-003	9.0000e-005	4.5900e-003	1.2100e-003	9.0000e-005	1.3000e-003	0.0000	6.3885	6.3885	4.3000e-004	0.0000	6.3991

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.5000e-004	7.8600e-003	4.5900e-003	1.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	0.8275	0.8275	2.6000e-004	0.0000	0.8341
Total	6.5000e-004	7.8600e-003	4.5900e-003	1.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	0.8275	0.8275	2.6000e-004	0.0000	0.8341

PVL-Trona - Air District, Annual

3.15 West Storage Tank - 2019**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	4.4000e-004	0.0130	3.3500e-003	3.0000e-005	7.1000e-004	7.0000e-005	7.9000e-004	2.1000e-004	7.0000e-005	2.8000e-004	0.0000	3.1076	3.1076	3.1000e-004	0.0000	3.1152
Worker	1.9300e-003	1.7300e-003	0.0152	4.0000e-005	3.7800e-003	2.0000e-005	3.8000e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.2809	3.2809	1.2000e-004	0.0000	3.2839
Total	2.3700e-003	0.0148	0.0185	7.0000e-005	4.4900e-003	9.0000e-005	4.5900e-003	1.2100e-003	9.0000e-005	1.3000e-003	0.0000	6.3885	6.3885	4.3000e-004	0.0000	6.3991

3.16 Lime Plant Mechanical Testing - 2019**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	3.6000e-004	4.6200e-003	5.7500e-003	1.0000e-005		2.1000e-004	2.1000e-004		1.9000e-004	1.9000e-004	0.0000	0.7733	0.7733	2.4000e-004	0.0000	0.7794
Total	3.6000e-004	4.6200e-003	5.7500e-003	1.0000e-005		2.1000e-004	2.1000e-004		1.9000e-004	1.9000e-004	0.0000	0.7733	0.7733	2.4000e-004	0.0000	0.7794

PVL-Trona - Air District, Annual

3.16 Lime Plant Mechanical Testing - 2019**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	1.1100e-003	0.0326	8.3800e-003	8.0000e-005	1.7800e-003	1.9000e-004	1.9700e-003	5.1000e-004	1.8000e-004	6.9000e-004	0.0000	7.7689	7.7689	7.7000e-004	0.0000	7.7881
Worker	4.8100e-003	4.3200e-003	0.0379	9.0000e-005	9.4400e-003	6.0000e-005	9.5000e-003	2.5100e-003	6.0000e-005	2.5600e-003	0.0000	8.2022	8.2022	3.0000e-004	0.0000	8.2097
Total	5.9200e-003	0.0369	0.0463	1.7000e-004	0.0112	2.5000e-004	0.0115	3.0200e-003	2.4000e-004	3.2500e-003	0.0000	15.9711	15.9711	1.0700e-003	0.0000	15.9978

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	3.6000e-004	4.6200e-003	5.7500e-003	1.0000e-005		2.1000e-004	2.1000e-004		1.9000e-004	1.9000e-004	0.0000	0.7733	0.7733	2.4000e-004	0.0000	0.7794
Total	3.6000e-004	4.6200e-003	5.7500e-003	1.0000e-005		2.1000e-004	2.1000e-004		1.9000e-004	1.9000e-004	0.0000	0.7733	0.7733	2.4000e-004	0.0000	0.7794

PVL-Trona - Air District, Annual

3.16 Lime Plant Mechanical Testing - 2019**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	1.1100e-003	0.0326	8.3800e-003	8.0000e-005	1.7800e-003	1.9000e-004	1.9700e-003	5.1000e-004	1.8000e-004	6.9000e-004	0.0000	7.7689	7.7689	7.7000e-004	0.0000	7.7881
Worker	4.8100e-003	4.3200e-003	0.0379	9.0000e-005	9.4400e-003	6.0000e-005	9.5000e-003	2.5100e-003	6.0000e-005	2.5600e-003	0.0000	8.2022	8.2022	3.0000e-004	0.0000	8.2097
Total	5.9200e-003	0.0369	0.0463	1.7000e-004	0.0112	2.5000e-004	0.0115	3.0200e-003	2.4000e-004	3.2500e-003	0.0000	15.9711	15.9711	1.0700e-003	0.0000	15.9978

3.17 Process Piping 2 - 2019**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	9.2100e-003	0.0722	0.0533	9.0000e-005		3.4900e-003	3.4900e-003		3.3100e-003	3.3100e-003	0.0000	7.8257	7.8257	2.1100e-003	0.0000	7.8785
Total	9.2100e-003	0.0722	0.0533	9.0000e-005		3.4900e-003	3.4900e-003		3.3100e-003	3.3100e-003	0.0000	7.8257	7.8257	2.1100e-003	0.0000	7.8785

PVL-Trona - Air District, Annual

3.17 Process Piping 2 - 2019**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	2.8900e-003	0.0846	0.0218	2.1000e-004	4.6400e-003	4.8000e-004	5.1200e-003	1.3400e-003	4.6000e-004	1.8000e-003	0.0000	20.1992	20.1992	1.9900e-003	0.0000	20.2490
Worker	0.0125	0.0112	0.0986	2.4000e-004	0.0245	1.6000e-004	0.0247	6.5200e-003	1.4000e-004	6.6600e-003	0.0000	21.3257	21.3257	7.8000e-004	0.0000	21.3453
Total	0.0154	0.0959	0.1204	4.5000e-004	0.0292	6.4000e-004	0.0298	7.8600e-003	6.0000e-004	8.4600e-003	0.0000	41.5249	41.5249	2.7700e-003	0.0000	41.5943

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	9.2100e-003	0.0722	0.0533	9.0000e-005		3.4900e-003	3.4900e-003		3.3100e-003	3.3100e-003	0.0000	7.8257	7.8257	2.1100e-003	0.0000	7.8785
Total	9.2100e-003	0.0722	0.0533	9.0000e-005		3.4900e-003	3.4900e-003		3.3100e-003	3.3100e-003	0.0000	7.8257	7.8257	2.1100e-003	0.0000	7.8785

PVL-Trona - Air District, Annual

3.17 Process Piping 2 - 2019**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	2.8900e-003	0.0846	0.0218	2.1000e-004	4.6400e-003	4.8000e-004	5.1200e-003	1.3400e-003	4.6000e-004	1.8000e-003	0.0000	20.1992	20.1992	1.9900e-003	0.0000	20.2490
Worker	0.0125	0.0112	0.0986	2.4000e-004	0.0245	1.6000e-004	0.0247	6.5200e-003	1.4000e-004	6.6600e-003	0.0000	21.3257	21.3257	7.8000e-004	0.0000	21.3453
Total	0.0154	0.0959	0.1204	4.5000e-004	0.0292	6.4000e-004	0.0298	7.8600e-003	6.0000e-004	8.4600e-003	0.0000	41.5249	41.5249	2.7700e-003	0.0000	41.5943

3.18 Area Bollards & Barricades 4 - 2019**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	9.5000e-004	0.0103	0.0118	2.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	1.5780	1.5780	5.0000e-004	0.0000	1.5905
Total	9.5000e-004	0.0103	0.0118	2.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	1.5780	1.5780	5.0000e-004	0.0000	1.5905

PVL-Trona - Air District, Annual

3.18 Area Bollards & Barricades 4 - 2019**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	6.7000e-004	0.0195	5.0300e-003	5.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.1000e-004	4.2000e-004	0.0000	4.6614	4.6614	4.6000e-004	0.0000	4.6728
Worker	2.8900e-003	2.5900e-003	0.0228	5.0000e-005	5.6600e-003	4.0000e-005	5.7000e-003	1.5000e-003	3.0000e-005	1.5400e-003	0.0000	4.9213	4.9213	1.8000e-004	0.0000	4.9258
Total	3.5600e-003	0.0221	0.0278	1.0000e-004	6.7300e-003	1.5000e-004	6.8800e-003	1.8100e-003	1.4000e-004	1.9600e-003	0.0000	9.5827	9.5827	6.4000e-004	0.0000	9.5987

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	9.5000e-004	0.0103	0.0118	2.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	1.5780	1.5780	5.0000e-004	0.0000	1.5905
Total	9.5000e-004	0.0103	0.0118	2.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	1.5780	1.5780	5.0000e-004	0.0000	1.5905

PVL-Trona - Air District, Annual

3.18 Area Bollards & Barricades 4 - 2019**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	6.7000e-004	0.0195	5.0300e-003	5.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.1000e-004	4.2000e-004	0.0000	4.6614	4.6614	4.6000e-004	0.0000	4.6728
Worker	2.8900e-003	2.5900e-003	0.0228	5.0000e-005	5.6600e-003	4.0000e-005	5.7000e-003	1.5000e-003	3.0000e-005	1.5400e-003	0.0000	4.9213	4.9213	1.8000e-004	0.0000	4.9258
Total	3.5600e-003	0.0221	0.0278	1.0000e-004	6.7300e-003	1.5000e-004	6.8800e-003	1.8100e-003	1.4000e-004	1.9600e-003	0.0000	9.5827	9.5827	6.4000e-004	0.0000	9.5987

3.19 Solar Panel Post Assembly - Section 1 - 2019**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	5.0000e-004	6.4700e-003	8.0500e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.7000e-004	2.7000e-004	0.0000	1.0826	1.0826	3.4000e-004	0.0000	1.0912
Total	5.0000e-004	6.4700e-003	8.0500e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.7000e-004	2.7000e-004	0.0000	1.0826	1.0826	3.4000e-004	0.0000	1.0912

PVL-Trona - Air District, Annual

3.19 Solar Panel Post Assembly - Section 1 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

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	5.0000e-004	6.4700e-003	8.0500e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.7000e-004	2.7000e-004	0.0000	1.0826	1.0826	3.4000e-004	0.0000	1.0912
Total	5.0000e-004	6.4700e-003	8.0500e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.7000e-004	2.7000e-004	0.0000	1.0826	1.0826	3.4000e-004	0.0000	1.0912

PVL-Trona - Air District, Annual

3.19 Solar Panel Post Assembly - Section 1 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

3.20 Conveyor Support Pedestals - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5900e-003	0.0172	0.0197	3.0000e-005		9.2000e-004	9.2000e-004		8.5000e-004	8.5000e-004	0.0000	2.6300	2.6300	8.3000e-004	0.0000	2.6508
Total	1.5900e-003	0.0172	0.0197	3.0000e-005		9.2000e-004	9.2000e-004		8.5000e-004	8.5000e-004	0.0000	2.6300	2.6300	8.3000e-004	0.0000	2.6508

PVL-Trona - Air District, Annual

3.20 Conveyor Support Pedestals - 2019**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	4.0000e-005	1.0500e-003	2.7000e-004	0.0000	1.2000e-004	1.0000e-005	1.3000e-004	3.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.3704	0.3704	1.0000e-005	0.0000	0.3707
Worker	4.0000e-005	2.0000e-005	2.4000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0296	0.0296	0.0000	0.0000	0.0297
Total	8.0000e-005	1.0700e-003	5.1000e-004	0.0000	1.5000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.4000	0.4000	1.0000e-005	0.0000	0.4004

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	1.5900e-003	0.0172	0.0197	3.0000e-005		9.2000e-004	9.2000e-004		8.5000e-004	8.5000e-004	0.0000	2.6300	2.6300	8.3000e-004	0.0000	2.6508
Total	1.5900e-003	0.0172	0.0197	3.0000e-005		9.2000e-004	9.2000e-004		8.5000e-004	8.5000e-004	0.0000	2.6300	2.6300	8.3000e-004	0.0000	2.6508

PVL-Trona - Air District, Annual

3.20 Conveyor Support Pedestals - 2019**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	4.0000e-005	1.0500e-003	2.7000e-004	0.0000	1.2000e-004	1.0000e-005	1.3000e-004	3.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.3704	0.3704	1.0000e-005	0.0000	0.3707
Worker	4.0000e-005	2.0000e-005	2.4000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0296	0.0296	0.0000	0.0000	0.0297
Total	8.0000e-005	1.0700e-003	5.1000e-004	0.0000	1.5000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.4000	0.4000	1.0000e-005	0.0000	0.4004

3.21 Electrical Support Steel 2 - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2900e-003	0.0157	9.1800e-003	2.0000e-005		6.7000e-004	6.7000e-004		6.2000e-004	6.2000e-004	0.0000	1.6550	1.6550	5.2000e-004	0.0000	1.6681
Total	1.2900e-003	0.0157	9.1800e-003	2.0000e-005		6.7000e-004	6.7000e-004		6.2000e-004	6.2000e-004	0.0000	1.6550	1.6550	5.2000e-004	0.0000	1.6681

PVL-Trona - Air District, Annual

3.21 Electrical Support Steel 2 - 2019**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	8.9000e-004	0.0260	6.7100e-003	7.0000e-005	1.4300e-003	1.5000e-004	1.5700e-003	4.1000e-004	1.4000e-004	5.5000e-004	0.0000	6.2151	6.2151	6.1000e-004	0.0000	6.2305
Worker	3.8500e-003	3.4500e-003	0.0303	7.0000e-005	7.5500e-003	5.0000e-005	7.6000e-003	2.0100e-003	4.0000e-005	2.0500e-003	0.0000	6.5618	6.5618	2.4000e-004	0.0000	6.5678
Total	4.7400e-003	0.0295	0.0370	1.4000e-004	8.9800e-003	2.0000e-004	9.1700e-003	2.4200e-003	1.8000e-004	2.6000e-003	0.0000	12.7769	12.7769	8.5000e-004	0.0000	12.7982

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	1.2900e-003	0.0157	9.1800e-003	2.0000e-005		6.7000e-004	6.7000e-004		6.2000e-004	6.2000e-004	0.0000	1.6550	1.6550	5.2000e-004	0.0000	1.6681
Total	1.2900e-003	0.0157	9.1800e-003	2.0000e-005		6.7000e-004	6.7000e-004		6.2000e-004	6.2000e-004	0.0000	1.6550	1.6550	5.2000e-004	0.0000	1.6681

PVL-Trona - Air District, Annual

3.21 Electrical Support Steel 2 - 2019**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	8.9000e-004	0.0260	6.7100e-003	7.0000e-005	1.4300e-003	1.5000e-004	1.5700e-003	4.1000e-004	1.4000e-004	5.5000e-004	0.0000	6.2151	6.2151	6.1000e-004	0.0000	6.2305
Worker	3.8500e-003	3.4500e-003	0.0303	7.0000e-005	7.5500e-003	5.0000e-005	7.6000e-003	2.0100e-003	4.0000e-005	2.0500e-003	0.0000	6.5618	6.5618	2.4000e-004	0.0000	6.5678
Total	4.7400e-003	0.0295	0.0370	1.4000e-004	8.9800e-003	2.0000e-004	9.1700e-003	2.4200e-003	1.8000e-004	2.6000e-003	0.0000	12.7769	12.7769	8.5000e-004	0.0000	12.7982

3.22 Conveyor Supports - 2019**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	2.2600e-003	0.0275	0.0161	3.0000e-005		1.1800e-003	1.1800e-003		1.0900e-003	1.0900e-003	0.0000	2.8963	2.8963	9.2000e-004	0.0000	2.9192
Total	2.2600e-003	0.0275	0.0161	3.0000e-005		1.1800e-003	1.1800e-003		1.0900e-003	1.0900e-003	0.0000	2.8963	2.8963	9.2000e-004	0.0000	2.9192

PVL-Trona - Air District, Annual

3.22 Conveyor Supports - 2019**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.1000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0259	0.0259	0.0000	0.0000	0.0260
Total	3.0000e-005	2.0000e-005	2.1000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0259	0.0259	0.0000	0.0000	0.0260

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2600e-003	0.0275	0.0161	3.0000e-005		1.1800e-003	1.1800e-003		1.0900e-003	1.0900e-003	0.0000	2.8963	2.8963	9.2000e-004	0.0000	2.9192
Total	2.2600e-003	0.0275	0.0161	3.0000e-005		1.1800e-003	1.1800e-003		1.0900e-003	1.0900e-003	0.0000	2.8963	2.8963	9.2000e-004	0.0000	2.9192

PVL-Trona - Air District, Annual

3.22 Conveyor Supports - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.1000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0259	0.0259	0.0000	0.0000	0.0260
Total	3.0000e-005	2.0000e-005	2.1000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0259	0.0259	0.0000	0.0000	0.0260

3.23 Storage Tank North Foundation Pedestals - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2700e-003	0.0137	0.0157	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206
Total	1.2700e-003	0.0137	0.0157	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206

PVL-Trona - Air District, Annual

3.23 Storage Tank North Foundation Pedestals - 2019**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	2.0000e-005	4.2000e-004	1.1000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.1481	0.1481	1.0000e-005	0.0000	0.1483
Worker	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0237	0.0237	0.0000	0.0000	0.0237
Total	5.0000e-005	4.4000e-004	3.0000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1718	0.1718	1.0000e-005	0.0000	0.1720

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	1.2700e-003	0.0137	0.0157	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206
Total	1.2700e-003	0.0137	0.0157	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206

PVL-Trona - Air District, Annual

3.23 Storage Tank North Foundation Pedestals - 2019**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	2.0000e-005	4.2000e-004	1.1000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.1481	0.1481	1.0000e-005	0.0000	0.1483
Worker	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0237	0.0237	0.0000	0.0000	0.0237
Total	5.0000e-005	4.4000e-004	3.0000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1718	0.1718	1.0000e-005	0.0000	0.1720

3.24 Solar Panel Post Assembly - Section 2 - 2019**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	5.0000e-004	6.4700e-003	8.0500e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.7000e-004	2.7000e-004	0.0000	1.0826	1.0826	3.4000e-004	0.0000	1.0912
Total	5.0000e-004	6.4700e-003	8.0500e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.7000e-004	2.7000e-004	0.0000	1.0826	1.0826	3.4000e-004	0.0000	1.0912

PVL-Trona - Air District, Annual

3.24 Solar Panel Post Assembly - Section 2 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

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	5.0000e-004	6.4700e-003	8.0500e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.7000e-004	2.7000e-004	0.0000	1.0826	1.0826	3.4000e-004	0.0000	1.0912
Total	5.0000e-004	6.4700e-003	8.0500e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.7000e-004	2.7000e-004	0.0000	1.0826	1.0826	3.4000e-004	0.0000	1.0912

PVL-Trona - Air District, Annual

3.24 Solar Panel Post Assembly - Section 2 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

3.25 Major Electrical Equipment 1 - 2019**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	9.7000e-004	0.0118	6.8900e-003	1.0000e-005		5.1000e-004	5.1000e-004		4.7000e-004	4.7000e-004	0.0000	1.2413	1.2413	3.9000e-004	0.0000	1.2511
Total	9.7000e-004	0.0118	6.8900e-003	1.0000e-005		5.1000e-004	5.1000e-004		4.7000e-004	4.7000e-004	0.0000	1.2413	1.2413	3.9000e-004	0.0000	1.2511

PVL-Trona - Air District, Annual

3.25 Major Electrical Equipment 1 - 2019**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	6.7000e-004	0.0195	5.0300e-003	5.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.1000e-004	4.2000e-004	0.0000	4.6614	4.6614	4.6000e-004	0.0000	4.6728
Worker	2.8900e-003	2.5900e-003	0.0228	5.0000e-005	5.6600e-003	4.0000e-005	5.7000e-003	1.5000e-003	3.0000e-005	1.5400e-003	0.0000	4.9213	4.9213	1.8000e-004	0.0000	4.9258
Total	3.5600e-003	0.0221	0.0278	1.0000e-004	6.7300e-003	1.5000e-004	6.8800e-003	1.8100e-003	1.4000e-004	1.9600e-003	0.0000	9.5827	9.5827	6.4000e-004	0.0000	9.5987

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	9.7000e-004	0.0118	6.8900e-003	1.0000e-005		5.1000e-004	5.1000e-004		4.7000e-004	4.7000e-004	0.0000	1.2413	1.2413	3.9000e-004	0.0000	1.2511
Total	9.7000e-004	0.0118	6.8900e-003	1.0000e-005		5.1000e-004	5.1000e-004		4.7000e-004	4.7000e-004	0.0000	1.2413	1.2413	3.9000e-004	0.0000	1.2511

PVL-Trona - Air District, Annual

3.25 Major Electrical Equipment 1 - 2019**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	6.7000e-004	0.0195	5.0300e-003	5.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.1000e-004	4.2000e-004	0.0000	4.6614	4.6614	4.6000e-004	0.0000	4.6728
Worker	2.8900e-003	2.5900e-003	0.0228	5.0000e-005	5.6600e-003	4.0000e-005	5.7000e-003	1.5000e-003	3.0000e-005	1.5400e-003	0.0000	4.9213	4.9213	1.8000e-004	0.0000	4.9258
Total	3.5600e-003	0.0221	0.0278	1.0000e-004	6.7300e-003	1.5000e-004	6.8800e-003	1.8100e-003	1.4000e-004	1.9600e-003	0.0000	9.5827	9.5827	6.4000e-004	0.0000	9.5987

3.26 Storage Tank South Foundation Pedestals - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2700e-003	0.0137	0.0157	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206
Total	1.2700e-003	0.0137	0.0157	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206

PVL-Trona - Air District, Annual

3.26 Storage Tank South Foundation Pedestals - 2019**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	8.0000e-005	2.0900e-003	5.4000e-004	1.0000e-005	2.4000e-004	2.0000e-005	2.6000e-004	7.0000e-005	2.0000e-005	9.0000e-005	0.0000	0.7407	0.7407	3.0000e-005	0.0000	0.7415
Worker	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0237	0.0237	0.0000	0.0000	0.0237
Total	1.1000e-004	2.1100e-003	7.3000e-004	1.0000e-005	2.6000e-004	2.0000e-005	2.8000e-004	8.0000e-005	2.0000e-005	1.0000e-004	0.0000	0.7644	0.7644	3.0000e-005	0.0000	0.7652

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	1.2700e-003	0.0137	0.0157	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206
Total	1.2700e-003	0.0137	0.0157	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206

PVL-Trona - Air District, Annual

3.26 Storage Tank South Foundation Pedestals - 2019**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	8.0000e-005	2.0900e-003	5.4000e-004	1.0000e-005	2.4000e-004	2.0000e-005	2.6000e-004	7.0000e-005	2.0000e-005	9.0000e-005	0.0000	0.7407	0.7407	3.0000e-005	0.0000	0.7415
Worker	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0237	0.0237	0.0000	0.0000	0.0237
Total	1.1000e-004	2.1100e-003	7.3000e-004	1.0000e-005	2.6000e-004	2.0000e-005	2.8000e-004	8.0000e-005	2.0000e-005	1.0000e-004	0.0000	0.7644	0.7644	3.0000e-005	0.0000	0.7652

3.27 Above Ground Utility Piping 2 - 2019**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	5.6700e-003	0.0444	0.0328	6.0000e-005		2.1500e-003	2.1500e-003		2.0400e-003	2.0400e-003	0.0000	4.8158	4.8158	1.3000e-003	0.0000	4.8483
Total	5.6700e-003	0.0444	0.0328	6.0000e-005		2.1500e-003	2.1500e-003		2.0400e-003	2.0400e-003	0.0000	4.8158	4.8158	1.3000e-003	0.0000	4.8483

PVL-Trona - Air District, Annual

3.27 Above Ground Utility Piping 2 - 2019**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	1.7800e-003	0.0521	0.0134	1.3000e-004	2.8500e-003	3.0000e-004	3.1500e-003	8.2000e-004	2.8000e-004	1.1100e-003	0.0000	12.4303	12.4303	1.2300e-003	0.0000	12.4609
Worker	7.7000e-003	6.9100e-003	0.0607	1.5000e-004	0.0151	1.0000e-004	0.0152	4.0100e-003	9.0000e-005	4.1000e-003	0.0000	13.1235	13.1235	4.8000e-004	0.0000	13.1356
Total	9.4800e-003	0.0590	0.0741	2.8000e-004	0.0180	4.0000e-004	0.0184	4.8300e-003	3.7000e-004	5.2100e-003	0.0000	25.5538	25.5538	1.7100e-003	0.0000	25.5965

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	5.6700e-003	0.0444	0.0328	6.0000e-005		2.1500e-003	2.1500e-003		2.0400e-003	2.0400e-003	0.0000	4.8158	4.8158	1.3000e-003	0.0000	4.8483
Total	5.6700e-003	0.0444	0.0328	6.0000e-005		2.1500e-003	2.1500e-003		2.0400e-003	2.0400e-003	0.0000	4.8158	4.8158	1.3000e-003	0.0000	4.8483

PVL-Trona - Air District, Annual

3.27 Above Ground Utility Piping 2 - 2019**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	1.7800e-003	0.0521	0.0134	1.3000e-004	2.8500e-003	3.0000e-004	3.1500e-003	8.2000e-004	2.8000e-004	1.1100e-003	0.0000	12.4303	12.4303	1.2300e-003	0.0000	12.4609
Worker	7.7000e-003	6.9100e-003	0.0607	1.5000e-004	0.0151	1.0000e-004	0.0152	4.0100e-003	9.0000e-005	4.1000e-003	0.0000	13.1235	13.1235	4.8000e-004	0.0000	13.1356
Total	9.4800e-003	0.0590	0.0741	2.8000e-004	0.0180	4.0000e-004	0.0184	4.8300e-003	3.7000e-004	5.2100e-003	0.0000	25.5538	25.5538	1.7100e-003	0.0000	25.5965

3.28 Conveyor System - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6200e-003	0.0196	0.0115	2.0000e-005		8.4000e-004	8.4000e-004		7.8000e-004	7.8000e-004	0.0000	2.0688	2.0688	6.5000e-004	0.0000	2.0851
Total	1.6200e-003	0.0196	0.0115	2.0000e-005		8.4000e-004	8.4000e-004		7.8000e-004	7.8000e-004	0.0000	2.0688	2.0688	6.5000e-004	0.0000	2.0851

PVL-Trona - Air District, Annual

3.28 Conveyor System - 2019**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	1.1100e-003	0.0326	8.3800e-003	8.0000e-005	1.7800e-003	1.9000e-004	1.9700e-003	5.1000e-004	1.8000e-004	6.9000e-004	0.0000	7.7689	7.7689	7.7000e-004	0.0000	7.7881
Worker	4.8100e-003	4.3200e-003	0.0379	9.0000e-005	9.4400e-003	6.0000e-005	9.5000e-003	2.5100e-003	6.0000e-005	2.5600e-003	0.0000	8.2022	8.2022	3.0000e-004	0.0000	8.2097
Total	5.9200e-003	0.0369	0.0463	1.7000e-004	0.0112	2.5000e-004	0.0115	3.0200e-003	2.4000e-004	3.2500e-003	0.0000	15.9711	15.9711	1.0700e-003	0.0000	15.9978

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	1.6200e-003	0.0196	0.0115	2.0000e-005		8.4000e-004	8.4000e-004		7.8000e-004	7.8000e-004	0.0000	2.0688	2.0688	6.5000e-004	0.0000	2.0851
Total	1.6200e-003	0.0196	0.0115	2.0000e-005		8.4000e-004	8.4000e-004		7.8000e-004	7.8000e-004	0.0000	2.0688	2.0688	6.5000e-004	0.0000	2.0851

PVL-Trona - Air District, Annual

3.28 Conveyor System - 2019**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	1.1100e-003	0.0326	8.3800e-003	8.0000e-005	1.7800e-003	1.9000e-004	1.9700e-003	5.1000e-004	1.8000e-004	6.9000e-004	0.0000	7.7689	7.7689	7.7000e-004	0.0000	7.7881
Worker	4.8100e-003	4.3200e-003	0.0379	9.0000e-005	9.4400e-003	6.0000e-005	9.5000e-003	2.5100e-003	6.0000e-005	2.5600e-003	0.0000	8.2022	8.2022	3.0000e-004	0.0000	8.2097
Total	5.9200e-003	0.0369	0.0463	1.7000e-004	0.0112	2.5000e-004	0.0115	3.0200e-003	2.4000e-004	3.2500e-003	0.0000	15.9711	15.9711	1.0700e-003	0.0000	15.9978

3.29 Panels & Boxes 1 - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4000e-004	5.6100e-003	6.4700e-003	1.0000e-005		3.6000e-004	3.6000e-004		3.3000e-004	3.3000e-004	0.0000	0.7306	0.7306	2.3000e-004	0.0000	0.7363
Total	8.4000e-004	5.6100e-003	6.4700e-003	1.0000e-005		3.6000e-004	3.6000e-004		3.3000e-004	3.3000e-004	0.0000	0.7306	0.7306	2.3000e-004	0.0000	0.7363

PVL-Trona - Air District, Annual

3.29 Panels & Boxes 1 - 2019**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	6.7000e-004	0.0195	5.0300e-003	5.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.1000e-004	4.2000e-004	0.0000	4.6614	4.6614	4.6000e-004	0.0000	4.6728
Worker	2.8900e-003	2.5900e-003	0.0228	5.0000e-005	5.6600e-003	4.0000e-005	5.7000e-003	1.5000e-003	3.0000e-005	1.5400e-003	0.0000	4.9213	4.9213	1.8000e-004	0.0000	4.9258
Total	3.5600e-003	0.0221	0.0278	1.0000e-004	6.7300e-003	1.5000e-004	6.8800e-003	1.8100e-003	1.4000e-004	1.9600e-003	0.0000	9.5827	9.5827	6.4000e-004	0.0000	9.5987

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4000e-004	5.6100e-003	6.4700e-003	1.0000e-005		3.6000e-004	3.6000e-004		3.3000e-004	3.3000e-004	0.0000	0.7306	0.7306	2.3000e-004	0.0000	0.7363
Total	8.4000e-004	5.6100e-003	6.4700e-003	1.0000e-005		3.6000e-004	3.6000e-004		3.3000e-004	3.3000e-004	0.0000	0.7306	0.7306	2.3000e-004	0.0000	0.7363

PVL-Trona - Air District, Annual

3.29 Panels & Boxes 1 - 2019**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	6.7000e-004	0.0195	5.0300e-003	5.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.1000e-004	4.2000e-004	0.0000	4.6614	4.6614	4.6000e-004	0.0000	4.6728
Worker	2.8900e-003	2.5900e-003	0.0228	5.0000e-005	5.6600e-003	4.0000e-005	5.7000e-003	1.5000e-003	3.0000e-005	1.5400e-003	0.0000	4.9213	4.9213	1.8000e-004	0.0000	4.9258
Total	3.5600e-003	0.0221	0.0278	1.0000e-004	6.7300e-003	1.5000e-004	6.8800e-003	1.8100e-003	1.4000e-004	1.9600e-003	0.0000	9.5827	9.5827	6.4000e-004	0.0000	9.5987

3.30 Area Bollards & Barricades 3 - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2700e-003	0.0137	0.0157	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206
Total	1.2700e-003	0.0137	0.0157	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206

PVL-Trona - Air District, Annual

3.30 Area Bollards & Barricades 3 - 2019**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	8.9000e-004	0.0260	6.7100e-003	7.0000e-005	1.4300e-003	1.5000e-004	1.5700e-003	4.1000e-004	1.4000e-004	5.5000e-004	0.0000	6.2151	6.2151	6.1000e-004	0.0000	6.2305
Worker	3.8500e-003	3.4500e-003	0.0303	7.0000e-005	7.5500e-003	5.0000e-005	7.6000e-003	2.0100e-003	4.0000e-005	2.0500e-003	0.0000	6.5618	6.5618	2.4000e-004	0.0000	6.5678
Total	4.7400e-003	0.0295	0.0370	1.4000e-004	8.9800e-003	2.0000e-004	9.1700e-003	2.4200e-003	1.8000e-004	2.6000e-003	0.0000	12.7769	12.7769	8.5000e-004	0.0000	12.7982

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	1.2700e-003	0.0137	0.0157	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206
Total	1.2700e-003	0.0137	0.0157	2.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206

PVL-Trona - Air District, Annual

3.30 Area Bollards & Barricades 3 - 2019**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	8.9000e-004	0.0260	6.7100e-003	7.0000e-005	1.4300e-003	1.5000e-004	1.5700e-003	4.1000e-004	1.4000e-004	5.5000e-004	0.0000	6.2151	6.2151	6.1000e-004	0.0000	6.2305
Worker	3.8500e-003	3.4500e-003	0.0303	7.0000e-005	7.5500e-003	5.0000e-005	7.6000e-003	2.0100e-003	4.0000e-005	2.0500e-003	0.0000	6.5618	6.5618	2.4000e-004	0.0000	6.5678
Total	4.7400e-003	0.0295	0.0370	1.4000e-004	8.9800e-003	2.0000e-004	9.1700e-003	2.4200e-003	1.8000e-004	2.6000e-003	0.0000	12.7769	12.7769	8.5000e-004	0.0000	12.7982

3.31 Solar Panel Assembly - Section 1 - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0000e-003	0.0130	0.0161	2.0000e-005		5.8000e-004	5.8000e-004		5.3000e-004	5.3000e-004	0.0000	2.1652	2.1652	6.9000e-004	0.0000	2.1824
Total	1.0000e-003	0.0130	0.0161	2.0000e-005		5.8000e-004	5.8000e-004		5.3000e-004	5.3000e-004	0.0000	2.1652	2.1652	6.9000e-004	0.0000	2.1824

PVL-Trona - Air District, Annual

3.31 Solar Panel Assembly - Section 1 - 2019**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	3.1100e-003	0.0911	0.0235	2.3000e-004	4.9900e-003	5.2000e-004	5.5100e-003	1.4400e-003	5.0000e-004	1.9400e-003	0.0000	21.7530	21.7530	2.1400e-003	0.0000	21.8066
Worker	0.0135	0.0121	0.1062	2.5000e-004	0.0264	1.7000e-004	0.0266	7.0200e-003	1.5000e-004	7.1700e-003	0.0000	22.9662	22.9662	8.4000e-004	0.0000	22.9872
Total	0.0166	0.1032	0.1296	4.8000e-004	0.0314	6.9000e-004	0.0321	8.4600e-003	6.5000e-004	9.1100e-003	0.0000	44.7192	44.7192	2.9800e-003	0.0000	44.7938

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	1.0000e-003	0.0130	0.0161	2.0000e-005		5.8000e-004	5.8000e-004		5.3000e-004	5.3000e-004	0.0000	2.1652	2.1652	6.9000e-004	0.0000	2.1824
Total	1.0000e-003	0.0130	0.0161	2.0000e-005		5.8000e-004	5.8000e-004		5.3000e-004	5.3000e-004	0.0000	2.1652	2.1652	6.9000e-004	0.0000	2.1824

PVL-Trona - Air District, Annual

3.31 Solar Panel Assembly - Section 1 - 2019**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	3.1100e-003	0.0911	0.0235	2.3000e-004	4.9900e-003	5.2000e-004	5.5100e-003	1.4400e-003	5.0000e-004	1.9400e-003	0.0000	21.7530	21.7530	2.1400e-003	0.0000	21.8066
Worker	0.0135	0.0121	0.1062	2.5000e-004	0.0264	1.7000e-004	0.0266	7.0200e-003	1.5000e-004	7.1700e-003	0.0000	22.9662	22.9662	8.4000e-004	0.0000	22.9872
Total	0.0166	0.1032	0.1296	4.8000e-004	0.0314	6.9000e-004	0.0321	8.4600e-003	6.5000e-004	9.1100e-003	0.0000	44.7192	44.7192	2.9800e-003	0.0000	44.7938

3.32 Generator & Transformer Pads - 2019**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	4.4500e-003	0.0481	0.0551	8.0000e-005		2.5700e-003	2.5700e-003		2.3700e-003	2.3700e-003	0.0000	7.3640	7.3640	2.3300e-003	0.0000	7.4223
Paving	0.0208					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0252	0.0481	0.0551	8.0000e-005		2.5700e-003	2.5700e-003		2.3700e-003	2.3700e-003	0.0000	7.3640	7.3640	2.3300e-003	0.0000	7.4223

PVL-Trona - Air District, Annual

3.32 Generator & Transformer Pads - 2019**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	3.2000e-004	2.8200e-003	1.0000e-005	7.0000e-004	0.0000	7.1000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6104	0.6104	2.0000e-005	0.0000	0.6110
Total	3.6000e-004	3.2000e-004	2.8200e-003	1.0000e-005	7.0000e-004	0.0000	7.1000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6104	0.6104	2.0000e-005	0.0000	0.6110

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	4.4500e-003	0.0481	0.0551	8.0000e-005		2.5700e-003	2.5700e-003		2.3700e-003	2.3700e-003	0.0000	7.3640	7.3640	2.3300e-003	0.0000	7.4223
Paving	0.0208					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0252	0.0481	0.0551	8.0000e-005		2.5700e-003	2.5700e-003		2.3700e-003	2.3700e-003	0.0000	7.3640	7.3640	2.3300e-003	0.0000	7.4223

PVL-Trona - Air District, Annual

3.32 Generator & Transformer Pads - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	3.2000e-004	2.8200e-003	1.0000e-005	7.0000e-004	0.0000	7.1000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6104	0.6104	2.0000e-005	0.0000	0.6110
Total	3.6000e-004	3.2000e-004	2.8200e-003	1.0000e-005	7.0000e-004	0.0000	7.1000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6104	0.6104	2.0000e-005	0.0000	0.6110

3.33 Area Lighting 1 - 2019**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	3.4300e-003	0.0197	0.0221	3.0000e-005		1.4000e-003	1.4000e-003		1.2900e-003	1.2900e-003	0.0000	2.3267	2.3267	7.4000e-004	0.0000	2.3451
Total	3.4300e-003	0.0197	0.0221	3.0000e-005		1.4000e-003	1.4000e-003		1.2900e-003	1.2900e-003	0.0000	2.3267	2.3267	7.4000e-004	0.0000	2.3451

PVL-Trona - Air District, Annual

3.33 Area Lighting 1 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

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	3.4300e-003	0.0197	0.0221	3.0000e-005		1.4000e-003	1.4000e-003		1.2900e-003	1.2900e-003	0.0000	2.3267	2.3267	7.4000e-004	0.0000	2.3451
Total	3.4300e-003	0.0197	0.0221	3.0000e-005		1.4000e-003	1.4000e-003		1.2900e-003	1.2900e-003	0.0000	2.3267	2.3267	7.4000e-004	0.0000	2.3451

PVL-Trona - Air District, Annual

3.33 Area Lighting 1 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

3.34 Unloading Building - 2019**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	6.6700e-003	0.0524	0.0388	6.0000e-005		2.9500e-003	2.9500e-003		2.7100e-003	2.7100e-003	0.0000	5.3233	5.3233	1.6800e-003	0.0000	5.3654
Total	6.6700e-003	0.0524	0.0388	6.0000e-005		2.9500e-003	2.9500e-003		2.7100e-003	2.7100e-003	0.0000	5.3233	5.3233	1.6800e-003	0.0000	5.3654

PVL-Trona - Air District, Annual

3.34 Unloading Building - 2019**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	9.0000e-005	5.0000e-005	5.4000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0667	0.0667	0.0000	0.0000	0.0667
Total	9.0000e-005	5.0000e-005	5.4000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0667	0.0667	0.0000	0.0000	0.0667

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.6700e-003	0.0524	0.0388	6.0000e-005		2.9500e-003	2.9500e-003		2.7100e-003	2.7100e-003	0.0000	5.3233	5.3233	1.6800e-003	0.0000	5.3654
Total	6.6700e-003	0.0524	0.0388	6.0000e-005		2.9500e-003	2.9500e-003		2.7100e-003	2.7100e-003	0.0000	5.3233	5.3233	1.6800e-003	0.0000	5.3654

PVL-Trona - Air District, Annual

3.34 Unloading Building - 2019**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	9.0000e-005	5.0000e-005	5.4000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0667	0.0667	0.0000	0.0000	0.0667
Total	9.0000e-005	5.0000e-005	5.4000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0667	0.0667	0.0000	0.0000	0.0667

3.35 Above Ground Drain Piping 2 - 2019**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	5.6700e-003	0.0444	0.0328	6.0000e-005		2.1500e-003	2.1500e-003		2.0400e-003	2.0400e-003	0.0000	4.8158	4.8158	1.3000e-003	0.0000	4.8483
Total	5.6700e-003	0.0444	0.0328	6.0000e-005		2.1500e-003	2.1500e-003		2.0400e-003	2.0400e-003	0.0000	4.8158	4.8158	1.3000e-003	0.0000	4.8483

PVL-Trona - Air District, Annual

3.35 Above Ground Drain Piping 2 - 2019**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	1.7800e-003	0.0521	0.0134	1.3000e-004	2.8500e-003	3.0000e-004	3.1500e-003	8.2000e-004	2.8000e-004	1.1100e-003	0.0000	12.4303	12.4303	1.2300e-003	0.0000	12.4609
Worker	7.7000e-003	6.9100e-003	0.0607	1.5000e-004	0.0151	1.0000e-004	0.0152	4.0100e-003	9.0000e-005	4.1000e-003	0.0000	13.1235	13.1235	4.8000e-004	0.0000	13.1356
Total	9.4800e-003	0.0590	0.0741	2.8000e-004	0.0180	4.0000e-004	0.0184	4.8300e-003	3.7000e-004	5.2100e-003	0.0000	25.5538	25.5538	1.7100e-003	0.0000	25.5965

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	5.6700e-003	0.0444	0.0328	6.0000e-005		2.1500e-003	2.1500e-003		2.0400e-003	2.0400e-003	0.0000	4.8158	4.8158	1.3000e-003	0.0000	4.8483
Total	5.6700e-003	0.0444	0.0328	6.0000e-005		2.1500e-003	2.1500e-003		2.0400e-003	2.0400e-003	0.0000	4.8158	4.8158	1.3000e-003	0.0000	4.8483

PVL-Trona - Air District, Annual

3.35 Above Ground Drain Piping 2 - 2019**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	1.7800e-003	0.0521	0.0134	1.3000e-004	2.8500e-003	3.0000e-004	3.1500e-003	8.2000e-004	2.8000e-004	1.1100e-003	0.0000	12.4303	12.4303	1.2300e-003	0.0000	12.4609
Worker	7.7000e-003	6.9100e-003	0.0607	1.5000e-004	0.0151	1.0000e-004	0.0152	4.0100e-003	9.0000e-005	4.1000e-003	0.0000	13.1235	13.1235	4.8000e-004	0.0000	13.1356
Total	9.4800e-003	0.0590	0.0741	2.8000e-004	0.0180	4.0000e-004	0.0184	4.8300e-003	3.7000e-004	5.2100e-003	0.0000	25.5538	25.5538	1.7100e-003	0.0000	25.5965

3.36 Cable Tray 1 - 2019**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	3.4300e-003	0.0197	0.0221	3.0000e-005		1.4000e-003	1.4000e-003		1.2900e-003	1.2900e-003	0.0000	2.3267	2.3267	7.4000e-004	0.0000	2.3451
Total	3.4300e-003	0.0197	0.0221	3.0000e-005		1.4000e-003	1.4000e-003		1.2900e-003	1.2900e-003	0.0000	2.3267	2.3267	7.4000e-004	0.0000	2.3451

PVL-Trona - Air District, Annual

3.36 Cable Tray 1 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

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	3.4300e-003	0.0197	0.0221	3.0000e-005		1.4000e-003	1.4000e-003		1.2900e-003	1.2900e-003	0.0000	2.3267	2.3267	7.4000e-004	0.0000	2.3451
Total	3.4300e-003	0.0197	0.0221	3.0000e-005		1.4000e-003	1.4000e-003		1.2900e-003	1.2900e-003	0.0000	2.3267	2.3267	7.4000e-004	0.0000	2.3451

PVL-Trona - Air District, Annual

3.36 Cable Tray 1 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

3.37 Solar Panel Assembly - Section 2 - 2019**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	9.3000e-004	0.0120	0.0149	2.0000e-005		5.4000e-004	5.4000e-004		4.9000e-004	4.9000e-004	0.0000	2.0106	2.0106	6.4000e-004	0.0000	2.0265
Total	9.3000e-004	0.0120	0.0149	2.0000e-005		5.4000e-004	5.4000e-004		4.9000e-004	4.9000e-004	0.0000	2.0106	2.0106	6.4000e-004	0.0000	2.0265

PVL-Trona - Air District, Annual

3.37 Solar Panel Assembly - Section 2 - 2019**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	2.8900e-003	0.0846	0.0218	2.1000e-004	4.6400e-003	4.8000e-004	5.1200e-003	1.3400e-003	4.6000e-004	1.8000e-003	0.0000	20.1992	20.1992	1.9900e-003	0.0000	20.2490
Worker	0.0125	0.0112	0.0986	2.4000e-004	0.0245	1.6000e-004	0.0247	6.5200e-003	1.4000e-004	6.6600e-003	0.0000	21.3257	21.3257	7.8000e-004	0.0000	21.3453
Total	0.0154	0.0959	0.1204	4.5000e-004	0.0292	6.4000e-004	0.0298	7.8600e-003	6.0000e-004	8.4600e-003	0.0000	41.5249	41.5249	2.7700e-003	0.0000	41.5943

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	9.3000e-004	0.0120	0.0149	2.0000e-005		5.4000e-004	5.4000e-004		4.9000e-004	4.9000e-004	0.0000	2.0106	2.0106	6.4000e-004	0.0000	2.0265
Total	9.3000e-004	0.0120	0.0149	2.0000e-005		5.4000e-004	5.4000e-004		4.9000e-004	4.9000e-004	0.0000	2.0106	2.0106	6.4000e-004	0.0000	2.0265

PVL-Trona - Air District, Annual

3.37 Solar Panel Assembly - Section 2 - 2019**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	2.8900e-003	0.0846	0.0218	2.1000e-004	4.6400e-003	4.8000e-004	5.1200e-003	1.3400e-003	4.6000e-004	1.8000e-003	0.0000	20.1992	20.1992	1.9900e-003	0.0000	20.2490
Worker	0.0125	0.0112	0.0986	2.4000e-004	0.0245	1.6000e-004	0.0247	6.5200e-003	1.4000e-004	6.6600e-003	0.0000	21.3257	21.3257	7.8000e-004	0.0000	21.3453
Total	0.0154	0.0959	0.1204	4.5000e-004	0.0292	6.4000e-004	0.0298	7.8600e-003	6.0000e-004	8.4600e-003	0.0000	41.5249	41.5249	2.7700e-003	0.0000	41.5943

3.38 Solar PDC Building - 2019**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	0.0119	0.0931	0.0689	1.1000e-004		5.2400e-003	5.2400e-003		4.8200e-003	4.8200e-003	0.0000	9.4637	9.4637	2.9900e-003	0.0000	9.5385
Total	0.0119	0.0931	0.0689	1.1000e-004		5.2400e-003	5.2400e-003		4.8200e-003	4.8200e-003	0.0000	9.4637	9.4637	2.9900e-003	0.0000	9.5385

PVL-Trona - Air District, Annual

3.38 Solar PDC Building - 2019**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	3.1000e-004	7.5800e-003	1.9800e-003	4.0000e-005	1.2500e-003	1.2000e-004	1.3700e-003	3.6000e-004	1.2000e-004	4.8000e-004	0.0000	3.4343	3.4343	4.0000e-005	0.0000	3.4353
Worker	1.6000e-004	9.0000e-005	9.7000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.1185	0.1185	1.0000e-005	0.0000	0.1187
Total	4.7000e-004	7.6700e-003	2.9500e-003	4.0000e-005	1.3700e-003	1.2000e-004	1.4900e-003	3.9000e-004	1.2000e-004	5.1000e-004	0.0000	3.5528	3.5528	5.0000e-005	0.0000	3.5540

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	0.0119	0.0931	0.0689	1.1000e-004		5.2400e-003	5.2400e-003		4.8200e-003	4.8200e-003	0.0000	9.4637	9.4637	2.9900e-003	0.0000	9.5385
Total	0.0119	0.0931	0.0689	1.1000e-004		5.2400e-003	5.2400e-003		4.8200e-003	4.8200e-003	0.0000	9.4637	9.4637	2.9900e-003	0.0000	9.5385

PVL-Trona - Air District, Annual

3.38 Solar PDC Building - 2019**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	3.1000e-004	7.5800e-003	1.9800e-003	4.0000e-005	1.2500e-003	1.2000e-004	1.3700e-003	3.6000e-004	1.2000e-004	4.8000e-004	0.0000	3.4343	3.4343	4.0000e-005	0.0000	3.4353
Worker	1.6000e-004	9.0000e-005	9.7000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.1185	0.1185	1.0000e-005	0.0000	0.1187
Total	4.7000e-004	7.6700e-003	2.9500e-003	4.0000e-005	1.3700e-003	1.2000e-004	1.4900e-003	3.9000e-004	1.2000e-004	5.1000e-004	0.0000	3.5528	3.5528	5.0000e-005	0.0000	3.5540

3.39 Above Ground Air Piping 2 - 2019**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	3.5400e-003	0.0278	0.0205	4.0000e-005		1.3400e-003	1.3400e-003		1.2700e-003	1.2700e-003	0.0000	3.0099	3.0099	8.1000e-004	0.0000	3.0302
Total	3.5400e-003	0.0278	0.0205	4.0000e-005		1.3400e-003	1.3400e-003		1.2700e-003	1.2700e-003	0.0000	3.0099	3.0099	8.1000e-004	0.0000	3.0302

PVL-Trona - Air District, Annual

3.39 Above Ground Air Piping 2 - 2019**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	1.1100e-003	0.0326	8.3800e-003	8.0000e-005	1.7800e-003	1.9000e-004	1.9700e-003	5.1000e-004	1.8000e-004	6.9000e-004	0.0000	7.7689	7.7689	7.7000e-004	0.0000	7.7881
Worker	4.8100e-003	4.3200e-003	0.0379	9.0000e-005	9.4400e-003	6.0000e-005	9.5000e-003	2.5100e-003	6.0000e-005	2.5600e-003	0.0000	8.2022	8.2022	3.0000e-004	0.0000	8.2097
Total	5.9200e-003	0.0369	0.0463	1.7000e-004	0.0112	2.5000e-004	0.0115	3.0200e-003	2.4000e-004	3.2500e-003	0.0000	15.9711	15.9711	1.0700e-003	0.0000	15.9978

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	3.5400e-003	0.0278	0.0205	4.0000e-005		1.3400e-003	1.3400e-003		1.2700e-003	1.2700e-003	0.0000	3.0099	3.0099	8.1000e-004	0.0000	3.0302
Total	3.5400e-003	0.0278	0.0205	4.0000e-005		1.3400e-003	1.3400e-003		1.2700e-003	1.2700e-003	0.0000	3.0099	3.0099	8.1000e-004	0.0000	3.0302

PVL-Trona - Air District, Annual

3.39 Above Ground Air Piping 2 - 2019**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	1.1100e-003	0.0326	8.3800e-003	8.0000e-005	1.7800e-003	1.9000e-004	1.9700e-003	5.1000e-004	1.8000e-004	6.9000e-004	0.0000	7.7689	7.7689	7.7000e-004	0.0000	7.7881
Worker	4.8100e-003	4.3200e-003	0.0379	9.0000e-005	9.4400e-003	6.0000e-005	9.5000e-003	2.5100e-003	6.0000e-005	2.5600e-003	0.0000	8.2022	8.2022	3.0000e-004	0.0000	8.2097
Total	5.9200e-003	0.0369	0.0463	1.7000e-004	0.0112	2.5000e-004	0.0115	3.0200e-003	2.4000e-004	3.2500e-003	0.0000	15.9711	15.9711	1.0700e-003	0.0000	15.9978

3.40 Conduit 1 - 2019**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	5.3800e-003	0.0310	0.0348	4.0000e-005		2.2000e-003	2.2000e-003		2.0200e-003	2.0200e-003	0.0000	3.6562	3.6562	1.1600e-003	0.0000	3.6851
Total	5.3800e-003	0.0310	0.0348	4.0000e-005		2.2000e-003	2.2000e-003		2.0200e-003	2.0200e-003	0.0000	3.6562	3.6562	1.1600e-003	0.0000	3.6851

PVL-Trona - Air District, Annual

3.40 Conduit 1 - 2019**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	2.4500e-003	0.0716	0.0184	1.8000e-004	3.9200e-003	4.1000e-004	4.3300e-003	1.1300e-003	3.9000e-004	1.5200e-003	0.0000	17.0916	17.0916	1.6800e-003	0.0000	17.1338
Worker	0.0106	9.4900e-003	0.0834	2.0000e-004	0.0208	1.3000e-004	0.0209	5.5100e-003	1.2000e-004	5.6400e-003	0.0000	18.0448	18.0448	6.6000e-004	0.0000	18.0614
Total	0.0130	0.0811	0.1019	3.8000e-004	0.0247	5.4000e-004	0.0252	6.6400e-003	5.1000e-004	7.1600e-003	0.0000	35.1365	35.1365	2.3400e-003	0.0000	35.1951

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	5.3800e-003	0.0310	0.0348	4.0000e-005		2.2000e-003	2.2000e-003		2.0200e-003	2.0200e-003	0.0000	3.6562	3.6562	1.1600e-003	0.0000	3.6851
Total	5.3800e-003	0.0310	0.0348	4.0000e-005		2.2000e-003	2.2000e-003		2.0200e-003	2.0200e-003	0.0000	3.6562	3.6562	1.1600e-003	0.0000	3.6851

PVL-Trona - Air District, Annual

3.40 Conduit 1 - 2019**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	2.4500e-003	0.0716	0.0184	1.8000e-004	3.9200e-003	4.1000e-004	4.3300e-003	1.1300e-003	3.9000e-004	1.5200e-003	0.0000	17.0916	17.0916	1.6800e-003	0.0000	17.1338
Worker	0.0106	9.4900e-003	0.0834	2.0000e-004	0.0208	1.3000e-004	0.0209	5.5100e-003	1.2000e-004	5.6400e-003	0.0000	18.0448	18.0448	6.6000e-004	0.0000	18.0614
Total	0.0130	0.0811	0.1019	3.8000e-004	0.0247	5.4000e-004	0.0252	6.6400e-003	5.1000e-004	7.1600e-003	0.0000	35.1365	35.1365	2.3400e-003	0.0000	35.1951

3.41 Major Electrical Equipment 2 - 2019**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	2.2600e-003	0.0275	0.0161	3.0000e-005		1.1800e-003	1.1800e-003		1.0900e-003	1.0900e-003	0.0000	2.8963	2.8963	9.2000e-004	0.0000	2.9192
Total	2.2600e-003	0.0275	0.0161	3.0000e-005		1.1800e-003	1.1800e-003		1.0900e-003	1.0900e-003	0.0000	2.8963	2.8963	9.2000e-004	0.0000	2.9192

PVL-Trona - Air District, Annual

3.41 Major Electrical Equipment 2 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2600e-003	0.0275	0.0161	3.0000e-005		1.1800e-003	1.1800e-003		1.0900e-003	1.0900e-003	0.0000	2.8963	2.8963	9.2000e-004	0.0000	2.9192
Total	2.2600e-003	0.0275	0.0161	3.0000e-005		1.1800e-003	1.1800e-003		1.0900e-003	1.0900e-003	0.0000	2.8963	2.8963	9.2000e-004	0.0000	2.9192

PVL-Trona - Air District, Annual

3.41 Major Electrical Equipment 2 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

3.42 Above Ground Utility Piping 3 - 2019**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	9.2100e-003	0.0722	0.0533	9.0000e-005		3.4900e-003	3.4900e-003		3.3100e-003	3.3100e-003	0.0000	7.8257	7.8257	2.1100e-003	0.0000	7.8785
Total	9.2100e-003	0.0722	0.0533	9.0000e-005		3.4900e-003	3.4900e-003		3.3100e-003	3.3100e-003	0.0000	7.8257	7.8257	2.1100e-003	0.0000	7.8785

PVL-Trona - Air District, Annual

3.42 Above Ground Utility Piping 3 - 2019**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	2.8900e-003	0.0846	0.0218	2.1000e-004	4.6400e-003	4.8000e-004	5.1200e-003	1.3400e-003	4.6000e-004	1.8000e-003	0.0000	20.1992	20.1992	1.9900e-003	0.0000	20.2490
Worker	0.0125	0.0112	0.0986	2.4000e-004	0.0245	1.6000e-004	0.0247	6.5200e-003	1.4000e-004	6.6600e-003	0.0000	21.3257	21.3257	7.8000e-004	0.0000	21.3453
Total	0.0154	0.0959	0.1204	4.5000e-004	0.0292	6.4000e-004	0.0298	7.8600e-003	6.0000e-004	8.4600e-003	0.0000	41.5249	41.5249	2.7700e-003	0.0000	41.5943

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	9.2100e-003	0.0722	0.0533	9.0000e-005		3.4900e-003	3.4900e-003		3.3100e-003	3.3100e-003	0.0000	7.8257	7.8257	2.1100e-003	0.0000	7.8785
Total	9.2100e-003	0.0722	0.0533	9.0000e-005		3.4900e-003	3.4900e-003		3.3100e-003	3.3100e-003	0.0000	7.8257	7.8257	2.1100e-003	0.0000	7.8785

PVL-Trona - Air District, Annual

3.42 Above Ground Utility Piping 3 - 2019**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	2.8900e-003	0.0846	0.0218	2.1000e-004	4.6400e-003	4.8000e-004	5.1200e-003	1.3400e-003	4.6000e-004	1.8000e-003	0.0000	20.1992	20.1992	1.9900e-003	0.0000	20.2490
Worker	0.0125	0.0112	0.0986	2.4000e-004	0.0245	1.6000e-004	0.0247	6.5200e-003	1.4000e-004	6.6600e-003	0.0000	21.3257	21.3257	7.8000e-004	0.0000	21.3453
Total	0.0154	0.0959	0.1204	4.5000e-004	0.0292	6.4000e-004	0.0298	7.8600e-003	6.0000e-004	8.4600e-003	0.0000	41.5249	41.5249	2.7700e-003	0.0000	41.5943

3.43 Powder Plant Mechanical Testing - 2019**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	2.8000e-004	3.7000e-003	4.6000e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.5000e-004	1.5000e-004	0.0000	0.6186	0.6186	2.0000e-004	0.0000	0.6235
Total	2.8000e-004	3.7000e-003	4.6000e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.5000e-004	1.5000e-004	0.0000	0.6186	0.6186	2.0000e-004	0.0000	0.6235

PVL-Trona - Air District, Annual

3.43 Powder Plant Mechanical Testing - 2019**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	8.9000e-004	0.0260	6.7100e-003	7.0000e-005	1.4300e-003	1.5000e-004	1.5700e-003	4.1000e-004	1.4000e-004	5.5000e-004	0.0000	6.2151	6.2151	6.1000e-004	0.0000	6.2305
Worker	3.8500e-003	3.4500e-003	0.0303	7.0000e-005	7.5500e-003	5.0000e-005	7.6000e-003	2.0100e-003	4.0000e-005	2.0500e-003	0.0000	6.5618	6.5618	2.4000e-004	0.0000	6.5678
Total	4.7400e-003	0.0295	0.0370	1.4000e-004	8.9800e-003	2.0000e-004	9.1700e-003	2.4200e-003	1.8000e-004	2.6000e-003	0.0000	12.7769	12.7769	8.5000e-004	0.0000	12.7982

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8000e-004	3.7000e-003	4.6000e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.5000e-004	1.5000e-004	0.0000	0.6186	0.6186	2.0000e-004	0.0000	0.6235
Total	2.8000e-004	3.7000e-003	4.6000e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.5000e-004	1.5000e-004	0.0000	0.6186	0.6186	2.0000e-004	0.0000	0.6235

PVL-Trona - Air District, Annual

3.43 Powder Plant Mechanical Testing - 2019**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	8.9000e-004	0.0260	6.7100e-003	7.0000e-005	1.4300e-003	1.5000e-004	1.5700e-003	4.1000e-004	1.4000e-004	5.5000e-004	0.0000	6.2151	6.2151	6.1000e-004	0.0000	6.2305
Worker	3.8500e-003	3.4500e-003	0.0303	7.0000e-005	7.5500e-003	5.0000e-005	7.6000e-003	2.0100e-003	4.0000e-005	2.0500e-003	0.0000	6.5618	6.5618	2.4000e-004	0.0000	6.5678
Total	4.7400e-003	0.0295	0.0370	1.4000e-004	8.9800e-003	2.0000e-004	9.1700e-003	2.4200e-003	1.8000e-004	2.6000e-003	0.0000	12.7769	12.7769	8.5000e-004	0.0000	12.7982

3.44 Panels & Boxes 2 - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9600e-003	0.0131	0.0151	2.0000e-005		8.4000e-004	8.4000e-004		7.8000e-004	7.8000e-004	0.0000	1.7047	1.7047	5.4000e-004	0.0000	1.7181
Total	1.9600e-003	0.0131	0.0151	2.0000e-005		8.4000e-004	8.4000e-004		7.8000e-004	7.8000e-004	0.0000	1.7047	1.7047	5.4000e-004	0.0000	1.7181

PVL-Trona - Air District, Annual

3.44 Panels & Boxes 2 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

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	1.9600e-003	0.0131	0.0151	2.0000e-005		8.4000e-004	8.4000e-004		7.8000e-004	7.8000e-004	0.0000	1.7047	1.7047	5.4000e-004	0.0000	1.7181
Total	1.9600e-003	0.0131	0.0151	2.0000e-005		8.4000e-004	8.4000e-004		7.8000e-004	7.8000e-004	0.0000	1.7047	1.7047	5.4000e-004	0.0000	1.7181

PVL-Trona - Air District, Annual

3.44 Panels & Boxes 2 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

3.45 Above Ground Grounding 1 - 2019**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	2.4500e-003	0.0141	0.0158	2.0000e-005		1.0000e-003	1.0000e-003		9.2000e-004	9.2000e-004	0.0000	1.6619	1.6619	5.3000e-004	0.0000	1.6751
Total	2.4500e-003	0.0141	0.0158	2.0000e-005		1.0000e-003	1.0000e-003		9.2000e-004	9.2000e-004	0.0000	1.6619	1.6619	5.3000e-004	0.0000	1.6751

PVL-Trona - Air District, Annual

3.45 Above Ground Grounding 1 - 2019**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	1.1100e-003	0.0326	8.3800e-003	8.0000e-005	1.7800e-003	1.9000e-004	1.9700e-003	5.1000e-004	1.8000e-004	6.9000e-004	0.0000	7.7689	7.7689	7.7000e-004	0.0000	7.7881
Worker	4.8100e-003	4.3200e-003	0.0379	9.0000e-005	9.4400e-003	6.0000e-005	9.5000e-003	2.5100e-003	6.0000e-005	2.5600e-003	0.0000	8.2022	8.2022	3.0000e-004	0.0000	8.2097
Total	5.9200e-003	0.0369	0.0463	1.7000e-004	0.0112	2.5000e-004	0.0115	3.0200e-003	2.4000e-004	3.2500e-003	0.0000	15.9711	15.9711	1.0700e-003	0.0000	15.9978

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.4500e-003	0.0141	0.0158	2.0000e-005		1.0000e-003	1.0000e-003		9.2000e-004	9.2000e-004	0.0000	1.6619	1.6619	5.3000e-004	0.0000	1.6751
Total	2.4500e-003	0.0141	0.0158	2.0000e-005		1.0000e-003	1.0000e-003		9.2000e-004	9.2000e-004	0.0000	1.6619	1.6619	5.3000e-004	0.0000	1.6751

PVL-Trona - Air District, Annual

3.45 Above Ground Grounding 1 - 2019**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	1.1100e-003	0.0326	8.3800e-003	8.0000e-005	1.7800e-003	1.9000e-004	1.9700e-003	5.1000e-004	1.8000e-004	6.9000e-004	0.0000	7.7689	7.7689	7.7000e-004	0.0000	7.7881
Worker	4.8100e-003	4.3200e-003	0.0379	9.0000e-005	9.4400e-003	6.0000e-005	9.5000e-003	2.5100e-003	6.0000e-005	2.5600e-003	0.0000	8.2022	8.2022	3.0000e-004	0.0000	8.2097
Total	5.9200e-003	0.0369	0.0463	1.7000e-004	0.0112	2.5000e-004	0.0115	3.0200e-003	2.4000e-004	3.2500e-003	0.0000	15.9711	15.9711	1.0700e-003	0.0000	15.9978

3.46 Area Lighting 2 - 2019**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	6.3600e-003	0.0366	0.0411	5.0000e-005		2.6000e-003	2.6000e-003		2.3900e-003	2.3900e-003	0.0000	4.3210	4.3210	1.3700e-003	0.0000	4.3552
Total	6.3600e-003	0.0366	0.0411	5.0000e-005		2.6000e-003	2.6000e-003		2.3900e-003	2.3900e-003	0.0000	4.3210	4.3210	1.3700e-003	0.0000	4.3552

PVL-Trona - Air District, Annual

3.46 Area Lighting 2 - 2019**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	2.8900e-003	0.0846	0.0218	2.1000e-004	4.6400e-003	4.8000e-004	5.1200e-003	1.3400e-003	4.6000e-004	1.8000e-003	0.0000	20.1992	20.1992	1.9900e-003	0.0000	20.2490
Worker	0.0125	0.0112	0.0986	2.4000e-004	0.0245	1.6000e-004	0.0247	6.5200e-003	1.4000e-004	6.6600e-003	0.0000	21.3257	21.3257	7.8000e-004	0.0000	21.3453
Total	0.0154	0.0959	0.1204	4.5000e-004	0.0292	6.4000e-004	0.0298	7.8600e-003	6.0000e-004	8.4600e-003	0.0000	41.5249	41.5249	2.7700e-003	0.0000	41.5943

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.3600e-003	0.0366	0.0411	5.0000e-005		2.6000e-003	2.6000e-003		2.3900e-003	2.3900e-003	0.0000	4.3210	4.3210	1.3700e-003	0.0000	4.3552
Total	6.3600e-003	0.0366	0.0411	5.0000e-005		2.6000e-003	2.6000e-003		2.3900e-003	2.3900e-003	0.0000	4.3210	4.3210	1.3700e-003	0.0000	4.3552

PVL-Trona - Air District, Annual

3.46 Area Lighting 2 - 2019**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	2.8900e-003	0.0846	0.0218	2.1000e-004	4.6400e-003	4.8000e-004	5.1200e-003	1.3400e-003	4.6000e-004	1.8000e-003	0.0000	20.1992	20.1992	1.9900e-003	0.0000	20.2490
Worker	0.0125	0.0112	0.0986	2.4000e-004	0.0245	1.6000e-004	0.0247	6.5200e-003	1.4000e-004	6.6600e-003	0.0000	21.3257	21.3257	7.8000e-004	0.0000	21.3453
Total	0.0154	0.0959	0.1204	4.5000e-004	0.0292	6.4000e-004	0.0298	7.8600e-003	6.0000e-004	8.4600e-003	0.0000	41.5249	41.5249	2.7700e-003	0.0000	41.5943

3.47 Wire Pulls 1 - 2019**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	6.3600e-003	0.0366	0.0411	5.0000e-005		2.6000e-003	2.6000e-003		2.3900e-003	2.3900e-003	0.0000	4.3210	4.3210	1.3700e-003	0.0000	4.3552
Total	6.3600e-003	0.0366	0.0411	5.0000e-005		2.6000e-003	2.6000e-003		2.3900e-003	2.3900e-003	0.0000	4.3210	4.3210	1.3700e-003	0.0000	4.3552

PVL-Trona - Air District, Annual

3.47 Wire Pulls 1 - 2019**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	2.8900e-003	0.0846	0.0218	2.1000e-004	4.6400e-003	4.8000e-004	5.1200e-003	1.3400e-003	4.6000e-004	1.8000e-003	0.0000	20.1992	20.1992	1.9900e-003	0.0000	20.2490
Worker	0.0125	0.0112	0.0986	2.4000e-004	0.0245	1.6000e-004	0.0247	6.5200e-003	1.4000e-004	6.6600e-003	0.0000	21.3257	21.3257	7.8000e-004	0.0000	21.3453
Total	0.0154	0.0959	0.1204	4.5000e-004	0.0292	6.4000e-004	0.0298	7.8600e-003	6.0000e-004	8.4600e-003	0.0000	41.5249	41.5249	2.7700e-003	0.0000	41.5943

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.3600e-003	0.0366	0.0411	5.0000e-005		2.6000e-003	2.6000e-003		2.3900e-003	2.3900e-003	0.0000	4.3210	4.3210	1.3700e-003	0.0000	4.3552
Total	6.3600e-003	0.0366	0.0411	5.0000e-005		2.6000e-003	2.6000e-003		2.3900e-003	2.3900e-003	0.0000	4.3210	4.3210	1.3700e-003	0.0000	4.3552

PVL-Trona - Air District, Annual

3.47 Wire Pulls 1 - 2019**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	2.8900e-003	0.0846	0.0218	2.1000e-004	4.6400e-003	4.8000e-004	5.1200e-003	1.3400e-003	4.6000e-004	1.8000e-003	0.0000	20.1992	20.1992	1.9900e-003	0.0000	20.2490
Worker	0.0125	0.0112	0.0986	2.4000e-004	0.0245	1.6000e-004	0.0247	6.5200e-003	1.4000e-004	6.6600e-003	0.0000	21.3257	21.3257	7.8000e-004	0.0000	21.3453
Total	0.0154	0.0959	0.1204	4.5000e-004	0.0292	6.4000e-004	0.0298	7.8600e-003	6.0000e-004	8.4600e-003	0.0000	41.5249	41.5249	2.7700e-003	0.0000	41.5943

3.48 Above Ground Drain Piping 3 - 2019**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	4.9600e-003	0.0389	0.0287	5.0000e-005		1.8800e-003	1.8800e-003		1.7800e-003	1.7800e-003	0.0000	4.2138	4.2138	1.1400e-003	0.0000	4.2423
Total	4.9600e-003	0.0389	0.0287	5.0000e-005		1.8800e-003	1.8800e-003		1.7800e-003	1.7800e-003	0.0000	4.2138	4.2138	1.1400e-003	0.0000	4.2423

PVL-Trona - Air District, Annual

3.48 Above Ground Drain Piping 3 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

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	4.9600e-003	0.0389	0.0287	5.0000e-005		1.8800e-003	1.8800e-003		1.7800e-003	1.7800e-003	0.0000	4.2138	4.2138	1.1400e-003	0.0000	4.2423
Total	4.9600e-003	0.0389	0.0287	5.0000e-005		1.8800e-003	1.8800e-003		1.7800e-003	1.7800e-003	0.0000	4.2138	4.2138	1.1400e-003	0.0000	4.2423

PVL-Trona - Air District, Annual

3.48 Above Ground Drain Piping 3 - 2019**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	1.5600e-003	0.0456	0.0117	1.1000e-004	2.5000e-003	2.6000e-004	2.7600e-003	7.2000e-004	2.5000e-004	9.7000e-004	0.0000	10.8765	10.8765	1.0700e-003	0.0000	10.9033
Worker	6.7400e-003	6.0400e-003	0.0531	1.3000e-004	0.0132	8.0000e-005	0.0133	3.5100e-003	8.0000e-005	3.5900e-003	0.0000	11.4831	11.4831	4.2000e-004	0.0000	11.4936
Total	8.3000e-003	0.0516	0.0648	2.4000e-004	0.0157	3.4000e-004	0.0161	4.2300e-003	3.3000e-004	4.5600e-003	0.0000	22.3596	22.3596	1.4900e-003	0.0000	22.3969

3.49 Above Ground Air Piping 3 - 2019**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	2.1300e-003	0.0167	0.0123	2.0000e-005		8.0000e-004	8.0000e-004		7.6000e-004	7.6000e-004	0.0000	1.8059	1.8059	4.9000e-004	0.0000	1.8181
Total	2.1300e-003	0.0167	0.0123	2.0000e-005		8.0000e-004	8.0000e-004		7.6000e-004	7.6000e-004	0.0000	1.8059	1.8059	4.9000e-004	0.0000	1.8181

PVL-Trona - Air District, Annual

3.49 Above Ground Air Piping 3 - 2019**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	6.7000e-004	0.0195	5.0300e-003	5.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.1000e-004	4.2000e-004	0.0000	4.6614	4.6614	4.6000e-004	0.0000	4.6728
Worker	2.8900e-003	2.5900e-003	0.0228	5.0000e-005	5.6600e-003	4.0000e-005	5.7000e-003	1.5000e-003	3.0000e-005	1.5400e-003	0.0000	4.9213	4.9213	1.8000e-004	0.0000	4.9258
Total	3.5600e-003	0.0221	0.0278	1.0000e-004	6.7300e-003	1.5000e-004	6.8800e-003	1.8100e-003	1.4000e-004	1.9600e-003	0.0000	9.5827	9.5827	6.4000e-004	0.0000	9.5987

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.1300e-003	0.0167	0.0123	2.0000e-005		8.0000e-004	8.0000e-004		7.6000e-004	7.6000e-004	0.0000	1.8059	1.8059	4.9000e-004	0.0000	1.8181
Total	2.1300e-003	0.0167	0.0123	2.0000e-005		8.0000e-004	8.0000e-004		7.6000e-004	7.6000e-004	0.0000	1.8059	1.8059	4.9000e-004	0.0000	1.8181

PVL-Trona - Air District, Annual

3.49 Above Ground Air Piping 3 - 2019**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	6.7000e-004	0.0195	5.0300e-003	5.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.1000e-004	4.2000e-004	0.0000	4.6614	4.6614	4.6000e-004	0.0000	4.6728
Worker	2.8900e-003	2.5900e-003	0.0228	5.0000e-005	5.6600e-003	4.0000e-005	5.7000e-003	1.5000e-003	3.0000e-005	1.5400e-003	0.0000	4.9213	4.9213	1.8000e-004	0.0000	4.9258
Total	3.5600e-003	0.0221	0.0278	1.0000e-004	6.7300e-003	1.5000e-004	6.8800e-003	1.8100e-003	1.4000e-004	1.9600e-003	0.0000	9.5827	9.5827	6.4000e-004	0.0000	9.5987

3.50 Above Ground Utility Piping 4 - 2019**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	4.9600e-003	0.0389	0.0287	5.0000e-005		1.8800e-003	1.8800e-003		1.7800e-003	1.7800e-003	0.0000	4.2138	4.2138	1.1400e-003	0.0000	4.2423
Total	4.9600e-003	0.0389	0.0287	5.0000e-005		1.8800e-003	1.8800e-003		1.7800e-003	1.7800e-003	0.0000	4.2138	4.2138	1.1400e-003	0.0000	4.2423

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PVL-Trona - Air District, Annual

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PVL-Trona - Air District, Annual

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PVL-Trona - Air District, Annual

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PVL-Trona - Air District, Annual

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PVL-Trona - Air District, Annual

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PVL-Trona - Air District, Annual

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PVL-Trona - Air District, Annual

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PVL-Trona - Air District, Annual

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PVL-Trona - Air District, Annual

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PVL-Trona - Air District, Annual

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PVL-Trona - Air District, Annual

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PVL-Trona - Air District, Annual

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	0.0000	0.0000	0.0000	0.0000	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
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

PVL-Trona - Air District, Annual

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
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.533808	0.036979	0.174634	0.113643	0.020106	0.005748	0.008732	0.091632	0.001423	0.002308	0.009089	0.000713	0.001184
Other Non-Asphalt Surfaces	0.533808	0.036979	0.174634	0.113643	0.020106	0.005748	0.008732	0.091632	0.001423	0.002308	0.009089	0.000713	0.001184
Parking Lot	0.533808	0.036979	0.174634	0.113643	0.020106	0.005748	0.008732	0.091632	0.001423	0.002308	0.009089	0.000713	0.001184

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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6.0 Area Detail**6.1 Mitigation Measures Area**

PVL-Trona - Air District, Annual

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7.0 Water Detail

7.1 Mitigation Measures Water

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8.0 Waste Detail

8.1 Mitigation Measures Waste

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9.0 Operational Offroad

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

PVL-Trona - Air District, Annual

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation
