

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
General Office Building	20.87	1000sqft	0.48	20,870.00	0
Manufacturing	67.33	1000sqft	1.55	67,325.59	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/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Default values.

Land Use - Known areas.

Construction Phase -

Off-road Equipment -

Energy Use -

Construction Off-road Equipment Mitigation - .

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5

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tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	1.00
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2.0 Emissions Summary

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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	0.6554	5.9505	5.1698	0.0139	0.5120	0.2240	0.7360	0.1307	0.2068	0.3375	0.0000	1,268.168 7	1,268.168 7	0.2087	0.0000	1,273.386 3
Maximum	0.6554	5.9505	5.1698	0.0139	0.5120	0.2240	0.7360	0.1307	0.2068	0.3375	0.0000	1,268.168 7	1,268.168 7	0.2087	0.0000	1,273.386 3

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	0.6554	5.9505	5.1698	0.0139	0.4838	0.2240	0.7079	0.1276	0.2068	0.3344	0.0000	1,268.168 1	1,268.168 1	0.2087	0.0000	1,273.385 7
Maximum	0.6554	5.9505	5.1698	0.0139	0.4838	0.2240	0.7079	0.1276	0.2068	0.3344	0.0000	1,268.168 1	1,268.168 1	0.2087	0.0000	1,273.385 7

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	5.50	0.00	3.82	2.33	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-7-2019	4-6-2019	2.1896	2.1896
2	4-7-2019	7-6-2019	3.7433	3.7433
3	7-7-2019	9-30-2019	0.6202	0.6202
		Highest	3.7433	3.7433

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	0.3445	1.0000e-005	8.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5800e-003	1.5800e-003	0.0000	0.0000	1.6800e-003
Energy	0.0122	0.1108	0.0931	6.6000e-004		8.4200e-003	8.4200e-003		8.4200e-003	8.4200e-003	0.0000	401.6289	401.6289	0.0139	4.6100e-003	403.3510
Mobile	0.1670	1.4585	1.9652	7.4400e-003	0.4861	5.8200e-003	0.4919	0.1303	5.4800e-003	0.1358	0.0000	689.6758	689.6758	0.0522	0.0000	690.9805
Waste						0.0000	0.0000		0.0000	0.0000	20.8878	0.0000	20.8878	1.2344	0.0000	51.7486
Water						0.0000	0.0000		0.0000	0.0000	6.1165	88.0334	94.1498	0.6319	0.0156	114.5906
Total	0.5237	1.5693	2.0590	8.1000e-003	0.4861	0.0142	0.5003	0.1303	0.0139	0.1442	27.0042	1,179.3397	1,206.3439	1.9324	0.0202	1,260.6724

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2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Energy	0.0122	0.1108	0.0931	6.6000e-004		8.4200e-003	8.4200e-003		8.4200e-003	8.4200e-003	0.0000	401.6289	401.6289	0.0139	4.6100e-003	403.3510
Mobile	0.1670	1.4585	1.9652	7.4400e-003	0.4861	5.8200e-003	0.4919	0.1303	5.4800e-003	0.1358	0.0000	689.6758	689.6758	0.0522	0.0000	690.9805
Waste						0.0000	0.0000		0.0000	0.0000	20.8878	0.0000	20.8878	1.2344	0.0000	51.7486
Total	0.1792	1.5693	2.0582	8.1000e-003	0.4861	0.0142	0.5003	0.1303	0.0139	0.1442	20.8878	1,091.3047	1,112.1925	1.3005	4.6100e-003	1,146.0801

	ROG	NOx	CO	SO2	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	65.79	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.65	7.46	7.80	32.70	77.18	9.09

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Preliminary Survey	Site Preparation	1/7/2019	1/9/2019	5	2	
2	Site Environmental	Site Preparation	1/7/2019	1/11/2019	5	4	
3	Site Office	Site Preparation	1/7/2019	1/8/2019	5	1	
4	Site Restroom	Site Preparation	1/7/2019	1/8/2019	5	1	
5	Temp. Site Fencing & Security	Site Preparation	1/7/2019	1/18/2019	5	8	

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6	Site Dumpsters	Site Preparation	1/8/2019	1/9/2019	5	1
7	Site Lunch & Break Areas	Site Preparation	1/8/2019	1/9/2019	5	1
8	Site Clear & Grub	Site Preparation	1/14/2019	1/25/2019	5	8
9	Site Grading	Grading	1/28/2019	2/13/2019	5	10
10	Lime Plant Pit Excavation	Trenching	1/28/2019	2/13/2019	5	10
11	Excavate & Install Man Holes	Trenching	2/13/2019	2/22/2019	5	6
12	Lime Plant Duct Banks	Trenching	2/13/2019	3/1/2019	5	10
13	UG Drain Piping	Trenching	2/13/2019	3/12/2019	5	15
14	Lime Plant Pit Retaining North Wall	Building Construction	2/13/2019	2/20/2019	5	4
15	Lime Plant Pit Ramp	Grading	2/20/2019	2/26/2019	5	3
16	Lime Plant Pit Retaining East Wall	Building Construction	2/20/2019	3/6/2019	5	8
17	Excavate for Underground Utilities	Trenching	2/25/2019	3/1/2019	5	4
18	Retention Pond Excavation	Trenching	2/26/2019	2/28/2019	5	2
19	Limestone Pit Excavation	Trenching	2/28/2019	3/5/2019	5	2
20	Powder Plant Duct Banks	Trenching	3/4/2019	3/12/2019	5	5
21	Unloading Bin Tower Building Foundation	Grading	3/6/2019	3/19/2019	5	7
22	Lime Plant Retaining South Wall	Building Construction	3/6/2019	3/13/2019	5	4
23	Lime Plant Grounding Grid	Trenching	3/12/2019	3/28/2019	5	10
24	UG Process Piping	Trenching	3/12/2019	3/20/2019	5	5
25	Lime Plant Retaining West Wall	Building Construction	3/13/2019	4/3/2019	5	12
26	Storage Tank 1 Foundation	Grading	3/19/2019	3/22/2019	5	3
27	Truck Unloading Building Foundation Pedestals	Grading	3/19/2019	3/21/2019	5	2
28	Unloading Bin Tower Steel	Building Construction	3/19/2019	3/26/2019	5	4
29	City Electrical Tie In	Trenching	3/20/2019	4/5/2019	5	13
30	Unloading Bin Tower Foundation	Grading	3/21/2019	3/27/2019	5	3
31	Unloading Pump Foundations	Grading	3/21/2019	3/27/2019	5	3

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32	Burner Support Pedestals	Building Construction	3/21/2019	4/17/2019	5	15
33	Storage Tank 2 Foundation	Grading	3/25/2019	3/28/2019	5	3
34	City Water Tie In	Trenching	3/25/2019	3/27/2019	5	3
35	Unloading Storage Tank 1	Building Construction	3/25/2019	3/26/2019	5	1
36	Unloading Tower 1 Support Steel	Building Construction	3/25/2019	3/27/2019	5	2
37	Unloading Bins	Building Construction	3/26/2019	3/27/2019	5	1
38	Unloading Tower Processing Building 2	Building Construction	3/26/2019	4/16/2019	5	12
39	City Sewer Tie In	Trenching	3/27/2019	3/29/2019	5	2
40	Unloading Pumps	Building Construction	3/27/2019	3/28/2019	5	1
41	Unloading Backing Wall Foundation	Grading	3/28/2019	4/4/2019	5	4
42	Powder Plant Grounding Grid	Trenching	3/28/2019	4/5/2019	5	5
43	Unloading Storage Tank 2	Building Construction	3/28/2019	3/29/2019	5	1
44	Unloading Tower 2 Support Steel	Building Construction	3/28/2019	4/2/2019	5	2
45	West Conveyor Supports	Building Construction	3/28/2019	4/3/2019	5	3
46	City Gas Tie In	Trenching	4/1/2019	5/27/2019	5	41
47	Backfill Underground Utilities	Grading	4/3/2019	4/5/2019	5	2
48	West Conveyor Support Steel	Building Construction	4/3/2019	4/9/2019	5	3
49	Temp. Road Surface Preparation	Paving	4/3/2019	4/9/2019	5	3
50	Site Drainage Sloping	Grading	4/8/2019	4/12/2019	5	4
51	Solar Station Grounding Grid	Trenching	4/8/2019	4/11/2019	5	3
52	West Unloading Conveyor System	Building Construction	4/9/2019	4/17/2019	5	5
53	Site Cathodic Protection	Building Construction	4/11/2019	4/16/2019	5	2
54	Site Fine Grading	Grading	4/15/2019	4/17/2019	5	2
55	Unloading West Building 1	Building Construction	4/16/2019	4/25/2019	5	6
56	Lime Plant Building Foundation	Grading	4/17/2019	5/10/2019	5	14
57	Site Fence Post Anchoring	Grading	4/17/2019	5/14/2019	5	15
58	Burner Package	Building Construction	4/17/2019	5/22/2019	5	20

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59	Site Gravel	Paving	4/17/2019	4/19/2019	5	2
60	North Site Asphalt	Paving	4/22/2019	4/30/2019	5	5
61	West Site Asphalt	Paving	4/30/2019	5/8/2019	5	5
62	South Side Asphalt	Paving	5/8/2019	5/16/2019	5	5
63	Building Foundation	Grading	5/13/2019	6/6/2019	5	15
64	Packing Equipment System Foundation	Grading	5/13/2019	5/17/2019	5	4
65	Lime Plant Main Building	Building Construction	5/13/2019	6/28/2019	5	28
66	Milling Tower Steel	Building Construction	5/13/2019	5/17/2019	5	4
67	Office, Lab, Control Room Building	Building Construction	5/13/2019	8/2/2019	5	48
68	Solar Station Fence Post Anchoring	Grading	5/14/2019	5/23/2019	5	6
69	Office, Lab, Control Room Driveway Asphalt	Paving	5/16/2019	5/22/2019	5	3
70	Hydrant Equipment System Foundation	Grading	5/20/2019	5/24/2019	5	4
71	Bucket Elevator Sup. Steel & Stair Tower Steel	Building Construction	5/20/2019	5/28/2019	5	5
72	Packing Equipment Package	Building Construction	5/20/2019	5/31/2019	5	8
73	Permanent Site Security Fencing	Building Construction	5/22/2019	6/18/2019	5	15
74	Permanent Solar Station Fencing	Building Construction	5/22/2019	5/30/2019	5	5
75	Transformer Yard Fence Post Anchoring	Grading	5/23/2019	5/28/2019	5	2
76	Milling Equipment System Foundation	Grading	5/27/2019	5/31/2019	5	4
77	Hydrant Equipment Package	Building Construction	5/27/2019	5/29/2019	5	2
78	Process Piping 1	Building Construction	5/29/2019	6/14/2019	5	10
79	Transformer Yard Fencing	Building Construction	5/30/2019	5/31/2019	5	1
80	Milling Equipment Package	Building Construction	6/3/2019	6/19/2019	5	10
81	Milling Tower 1 Foundation Pedestals	Building Construction	6/3/2019	6/6/2019	5	3
82	Crushing Equipment System Foundation	Grading	6/6/2019	6/12/2019	5	3
83	Powder Plant Main Building Foundation	Grading	6/6/2019	6/25/2019	5	10

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84	Building Side Walks	Paving	6/6/2019	6/12/2019	5	3
85	Building Landings & Ramps	Grading	6/12/2019	6/14/2019	5	2
86	Crushing Equipment Package	Building Construction	6/12/2019	7/3/2019	5	12
87	Crushing Tower 1 Foundation Pedestals	Building Construction	6/12/2019	6/14/2019	5	3
88	Above Ground Utility Piping 1	Building Construction	6/17/2019	6/28/2019	5	8
89	Area Bollards & Barricades 2	Building Construction	6/17/2019	6/18/2019	5	1
90	Crushing Area Vertical Bucket Elevator Foundation	Building Construction	6/17/2019	6/19/2019	5	2
91	Storage Area Tank Foundation Pedestals	Building Construction	6/19/2019	6/27/2019	5	5
92	Vertical Bucket Elevator	Building Construction	6/19/2019	7/5/2019	5	10
93	Powder Plant Unloading Building Foundation	Building Construction	6/25/2019	7/4/2019	5	6
94	East Conveyor Supports	Building Construction	6/27/2019	7/3/2019	5	3
95	Storage Tanks Tower Steel	Building Construction	6/27/2019	7/5/2019	5	5
96	Above Ground Drain Piping 1	Building Construction	7/1/2019	7/10/2019	5	6
97	East Burner Backing Wall Foundation	Grading	7/3/2019	7/10/2019	5	4
98	East Conveyor Support Steel	Building Construction	7/3/2019	7/9/2019	5	3
99	East Equipment Foundation	Grading	7/4/2019	7/11/2019	5	4
100	Solar PDC Building Foundation	Grading	7/4/2019	7/16/2019	5	6
101	Hydrated Lime Tank	Building Construction	7/8/2019	7/9/2019	5	1
102	Lime Powder Tank	Building Construction	7/8/2019	7/9/2019	5	1
103	Storage Tower Structure Skins & Roof	Building Construction	7/8/2019	7/26/2019	5	12
104	East Conveyor System	Building Construction	7/9/2019	7/17/2019	5	5
105	Lime 1/8 Tank	Building Construction	7/9/2019	7/10/2019	5	1
106	Lime 3/8 Tank	Building Construction	7/9/2019	7/10/2019	5	1
107	West Equipment Support Tower Steel	Building Construction	7/9/2019	7/16/2019	5	4

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0**Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Above Ground Drain Piping 1	Cranes	1	8.00	231	0.29
Above Ground Drain Piping 1	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Drain Piping 1	Welders	2	8.00	46	0.45
Above Ground Utility Piping 1	Cranes	1	8.00	231	0.29
Above Ground Utility Piping 1	Rough Terrain Forklifts	1	8.00	100	0.40
Above Ground Utility Piping 1	Welders	2	8.00	46	0.45
Area Bollards & Barricades 2	Excavators	1	8.00	158	0.38
Area Bollards & Barricades 2	Rough Terrain Forklifts	1	8.00	100	0.40
Area Bollards & Barricades 2	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Backfill Underground Utilities	Off-Highway Trucks	2	8.00	402	0.38
Backfill Underground Utilities	Rollers	1	8.00	80	0.38
Backfill Underground Utilities	Rubber Tired Dozers	1	8.00	247	0.40
Backfill Underground Utilities	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Bucket Elevator Sup. Steel & Stair Tower Steel	Cranes	1	8.00	231	0.29
Bucket Elevator Sup. Steel & Stair Tower Steel	Other Construction Equipment	1	8.00	49	0.42
Bucket Elevator Sup. Steel & Stair Tower Steel	Rough Terrain Forklifts	1	8.00	100	0.40
Building Foundation	Excavators	1	8.00	158	0.38
Building Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Building Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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Building Landings & Ramps	Excavators	1	8.00	158	0.38
Building Landings & Ramps	Rough Terrain Forklifts	1	8.00	100	0.40
Building Landings & Ramps	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Side Walks	Excavators	1	8.00	158	0.38
Building Side Walks	Rough Terrain Forklifts	1	8.00	100	0.40
Building Side Walks	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Burner Package	Cranes	1	8.00	231	0.29
Burner Package	Rough Terrain Forklifts	1	8.00	100	0.40
Burner Support Pedestals	Excavators	1	8.00	158	0.38
Burner Support Pedestals	Rough Terrain Forklifts	1	8.00	100	0.40
Burner Support Pedestals	Tractors/Loaders/Backhoes	1	8.00	97	0.37
City Electrical Tie In	Excavators	1	8.00	158	0.38
City Electrical Tie In	Rough Terrain Forklifts	1	8.00	100	0.40
City Electrical Tie In	Tractors/Loaders/Backhoes	1	8.00	97	0.37
City Gas Tie In	Excavators	1	8.00	158	0.38
City Gas Tie In	Rough Terrain Forklifts	1	8.00	100	0.40
City Gas Tie In	Tractors/Loaders/Backhoes	1	8.00	97	0.37
City Sewer Tie In	Excavators	1	8.00	158	0.38
City Sewer Tie In	Rough Terrain Forklifts	1	8.00	100	0.40
City Sewer Tie In	Tractors/Loaders/Backhoes	1	8.00	97	0.37
City Water Tie In	Excavators	1	8.00	158	0.38
City Water Tie In	Rough Terrain Forklifts	1	8.00	100	0.40
City Water Tie In	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Crushing Area Vertical Bucket Elevator Foundation	Excavators	1	8.00	158	0.38
Crushing Area Vertical Bucket Elevator Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Crushing Area Vertical Bucket Elevator Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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Crushing Equipment Package	Cranes	1	8.00	231	0.29
Crushing Equipment Package	Rough Terrain Forklifts	1	8.00	100	0.40
Crushing Equipment System Foundation	Excavators	1	8.00	158	0.38
Crushing Equipment System Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Crushing Equipment System Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Crushing Tower 1 Foundation Pedestals	Excavators	1	8.00	158	0.38
Crushing Tower 1 Foundation Pedestals	Rough Terrain Forklifts	1	8.00	100	0.40
Crushing Tower 1 Foundation Pedestals	Tractors/Loaders/Backhoes	1	8.00	97	0.37
East Burner Backing Wall Foundation	Excavators	1	8.00	158	0.38
East Burner Backing Wall Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
East Burner Backing Wall Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
East Conveyor Support Steel	Cranes	1	8.00	231	0.29
East Conveyor Support Steel	Rough Terrain Forklifts	1	8.00	100	0.40
East Conveyor Supports	Excavators	1	8.00	158	0.38
East Conveyor Supports	Rough Terrain Forklifts	1	8.00	100	0.40
East Conveyor Supports	Tractors/Loaders/Backhoes	1	8.00	97	0.37
East Conveyor System	Excavators	1	8.00	158	0.38
East Conveyor System	Rough Terrain Forklifts	1	8.00	100	0.40
East Equipment Foundation	Excavators	1	8.00	158	0.38
East Equipment Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
East Equipment Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Excavate & Install Man Holes	Excavators	1	8.00	158	0.38
Excavate & Install Man Holes	Plate Compactors	1	8.00	8	0.43
Excavate & Install Man Holes	Rough Terrain Forklifts	1	8.00	100	0.40
Excavate & Install Man Holes	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Excavate for Underground Utilities	Excavators	1	8.00	158	0.38

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Excavate for Underground Utilities	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Hydrant Equipment Package	Cranes	1	8.00	231	0.29
Hydrant Equipment Package	Rough Terrain Forklifts	1	8.00	100	0.40
Hydrant Equipment System Foundation	Excavators	1	8.00	158	0.38
Hydrant Equipment System Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Hydrant Equipment System Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Hydrated Lime Tank	Cranes	1	8.00	231	0.29
Hydrated Lime Tank	Rough Terrain Forklifts	1	8.00	100	0.40
Lime 1/8 Tank	Cranes	1	8.00	231	0.29
Lime 1/8 Tank	Rough Terrain Forklifts	1	8.00	100	0.40
Lime 3/8 Tank	Cranes	1	8.00	231	0.29
Lime 3/8 Tank	Rough Terrain Forklifts	1	8.00	100	0.40
Lime Plant Building Foundation	Excavators	1	8.00	158	0.38
Lime Plant Building Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Lime Plant Building Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Lime Plant Duct Banks	Excavators	1	8.00	158	0.38
Lime Plant Duct Banks	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Lime Plant Grounding Grid	Excavators	1	8.00	158	0.38
Lime Plant Grounding Grid	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Lime Plant Main Building	Cranes	1	8.00	231	0.29
Lime Plant Main Building	Other Construction Equipment	2	8.00	49	0.42
Lime Plant Main Building	Rough Terrain Forklifts	1	8.00	100	0.40
Lime Plant Pit Excavation	Excavators	2	8.00	158	0.38
Lime Plant Pit Excavation	Off-Highway Trucks	5	8.00	402	0.38
Lime Plant Pit Excavation	Rubber Tired Loaders	1	8.00	203	0.36
Lime Plant Pit Ramp	Excavators	1	8.00	158	0.38
Lime Plant Pit Ramp	Off-Highway Trucks	2	8.00	402	0.38

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Lime Plant Pit Ramp	Rollers	1	8.00	80	0.38
Lime Plant Pit Ramp	Rubber Tired Dozers	1	8.00	247	0.40
Lime Plant Pit Ramp	Rubber Tired Loaders	1	8.00	203	0.36
Lime Plant Pit Retaining East Wall	Cranes	1	8.00	231	0.29
Lime Plant Pit Retaining East Wall	Rough Terrain Forklifts	1	8.00	100	0.40
Lime Plant Pit Retaining North Wall	Cranes	1	8.00	231	0.29
Lime Plant Pit Retaining North Wall	Rough Terrain Forklifts	1	8.00	100	0.40
Lime Plant Retaining South Wall	Cranes	1	8.00	231	0.29
Lime Plant Retaining South Wall	Rough Terrain Forklifts	1	8.00	100	0.40
Lime Plant Retaining West Wall	Cranes	1	8.00	231	0.29
Lime Plant Retaining West Wall	Rough Terrain Forklifts	1	8.00	100	0.40
Lime Powder Tank	Cranes	1	8.00	231	0.29
Lime Powder Tank	Rough Terrain Forklifts	1	8.00	100	0.40
Limestone Pit Excavation	Excavators	2	8.00	158	0.38
Limestone Pit Excavation	Off-Highway Trucks	2	8.00	402	0.38
Milling Equipment Package	Cranes	1	8.00	231	0.29
Milling Equipment Package	Rough Terrain Forklifts	1	8.00	100	0.40
Milling Equipment System Foundation	Excavators	1	8.00	158	0.38
Milling Equipment System Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Milling Equipment System Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Milling Tower 1 Foundation Pedestals	Excavators	1	8.00	158	0.38
Milling Tower 1 Foundation Pedestals	Rough Terrain Forklifts	1	8.00	100	0.40
Milling Tower 1 Foundation Pedestals	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Milling Tower Steel	Cranes	1	8.00	231	0.29
Milling Tower Steel	Other Construction Equipment	1	8.00	49	0.42
Milling Tower Steel	Rough Terrain Forklifts	1	8.00	100	0.40
North Site Asphalt	Pavers	1	8.00	130	0.42

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North Site Asphalt	Paving Equipment	1	8.00	132	0.36
North Site Asphalt	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Office, Lab, Control Room Building	Cranes	1	8.00	231	0.29
Office, Lab, Control Room Building	Other Construction Equipment	2	8.00	49	0.42
Office, Lab, Control Room Building	Rough Terrain Forklifts	1	8.00	100	0.40
Office, Lab, Control Room Driveway Asphalt	Pavers	1	8.00	130	0.42
Office, Lab, Control Room Driveway Asphalt	Paving Equipment	1	8.00	132	0.36
Office, Lab, Control Room Driveway Asphalt	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Packing Equipment Package	Cranes	1	8.00	231	0.29
Packing Equipment Package	Rough Terrain Forklifts	1	8.00	100	0.40
Packing Equipment System Foundation	Excavators	1	8.00	158	0.38
Packing Equipment System Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Packing Equipment System Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Permanent Site Security Fencing	Rough Terrain Forklifts	1	8.00	100	0.40
Permanent Site Security Fencing	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Permanent Solar Station Fencing	Rough Terrain Forklifts	1	8.00	100	0.40
Permanent Solar Station Fencing	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Powder Plant Duct Banks	Excavators	1	8.00	158	0.38
Powder Plant Duct Banks	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Powder Plant Grounding Grid	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Powder Plant Grounding Grid	Trenchers	1	8.00	78	0.50
Powder Plant Main Building Foundation	Excavators	1	8.00	158	0.38
Powder Plant Main Building Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Powder Plant Main Building Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Powder Plant Unloading Building Foundation	Excavators	1	8.00	158	0.38
Powder Plant Unloading Building Foundation	Rough Terrain Forklifts	1	8.00	100	0.40

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Powder Plant Unloading Building Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Process Piping 1	Cranes	1	8.00	231	0.29
Process Piping 1	Rough Terrain Forklifts	1	8.00	100	0.40
Process Piping 1	Welders	2	8.00	46	0.45
Retention Pond Excavation	Excavators	2	8.00	158	0.38
Retention Pond Excavation	Off-Highway Trucks	2	8.00	402	0.38
Site Cathodic Protection	Rough Terrain Forklifts	1	8.00	100	0.40
Site Clear & Grub	Off-Highway Trucks	3	8.00	402	0.38
Site Clear & Grub	Rubber Tired Dozers	1	8.00	247	0.40
Site Clear & Grub	Rubber Tired Loaders	1	8.00	203	0.36
Site Clear & Grub	Scrapers	1	8.00	367	0.48
Site Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Drainage Sloping	Rubber Tired Dozers	1	8.00	247	0.40
Site Drainage Sloping	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Environmental	Rough Terrain Forklifts	1	8.00	100	0.40
Site Environmental	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Fence Post Anchoring	Excavators	1	8.00	158	0.38
Site Fence Post Anchoring	Rough Terrain Forklifts	1	8.00	100	0.40
Site Fence Post Anchoring	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Fine Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Fine Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Grading	Rubber Tired Loaders	1	8.00	203	0.36
Site Grading	Scrapers	1	8.00	367	0.48
Site Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Gravel	Rubber Tired Loaders	1	8.00	203	0.36
Solar PDC Building Foundation	Excavators	1	8.00	158	0.38

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Solar PDC Building Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Solar PDC Building Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Solar Station Fence Post Anchoring	Excavators	1	8.00	158	0.38
Solar Station Fence Post Anchoring	Rough Terrain Forklifts	1	8.00	100	0.40
Solar Station Fence Post Anchoring	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Solar Station Grounding Grid	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Solar Station Grounding Grid	Trenchers	1	8.00	78	0.50
South Side Asphalt	Pavers	1	8.00	130	0.42
South Side Asphalt	Paving Equipment	1	8.00	132	0.36
South Side Asphalt	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Storage Area Tank Foundation Pedestals	Excavators	1	8.00	158	0.38
Storage Area Tank Foundation Pedestals	Rough Terrain Forklifts	1	8.00	100	0.40
Storage Area Tank Foundation Pedestals	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Storage Tank 1 Foundation	Excavators	1	8.00	158	0.38
Storage Tank 1 Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Storage Tank 1 Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Storage Tank 2 Foundation	Excavators	1	8.00	158	0.38
Storage Tank 2 Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Storage Tank 2 Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Storage Tanks Tower Steel	Cranes	1	8.00	231	0.29
Storage Tanks Tower Steel	Other Construction Equipment	1	8.00	49	0.42
Storage Tanks Tower Steel	Rough Terrain Forklifts	1	8.00	100	0.40
Storage Tower Structure Skins & Roof	Cranes	1	8.00	231	0.29
Storage Tower Structure Skins & Roof	Other Construction Equipment	2	8.00	49	0.42
Storage Tower Structure Skins & Roof	Rough Terrain Forklifts	1	8.00	100	0.40
Temp. Road Surface Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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Temp. Site Fencing & Security	Rough Terrain Forklifts	1	8.00	100	0.40
Temp. Site Fencing & Security	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Transformer Yard Fence Post Anchoring	Excavators	1	8.00	158	0.38
Transformer Yard Fence Post Anchoring	Rough Terrain Forklifts	1	8.00	100	0.40
Transformer Yard Fence Post Anchoring	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Transformer Yard Fencing	Rough Terrain Forklifts	1	8.00	100	0.40
Transformer Yard Fencing	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Truck Unloading Building Foundation Pedestals	Excavators	1	8.00	158	0.38
Truck Unloading Building Foundation Pedestals	Rough Terrain Forklifts	1	8.00	100	0.40
Truck Unloading Building Foundation Pedestals	Tractors/Loaders/Backhoes	1	8.00	97	0.37
UG Drain Piping	Excavators	1	8.00	158	0.38
UG Drain Piping	Rough Terrain Forklifts	1	8.00	100	0.40
UG Drain Piping	Tractors/Loaders/Backhoes	1	8.00	97	0.37
UG Process Piping	Excavators	1	8.00	158	0.38
UG Process Piping	Rough Terrain Forklifts	1	8.00	100	0.40
UG Process Piping	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Unloading Backing Wall Foundation	Excavators	1	8.00	158	0.38
Unloading Backing Wall Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading Backing Wall Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Unloading Bin Tower Building Foundation	Excavators	1	8.00	158	0.38
Unloading Bin Tower Building Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading Bin Tower Building Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Unloading Bin Tower Foundation	Excavators	1	8.00	158	0.38
Unloading Bin Tower Foundation	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading Bin Tower Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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Unloading Bin Tower Steel	Cranes	1	8.00	231	0.29
Unloading Bin Tower Steel	Other Construction Equipment	1	8.00	49	0.42
Unloading Bin Tower Steel	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading Bins	Cranes	1	8.00	231	0.29
Unloading Bins	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading Pump Foundations	Excavators	1	8.00	158	0.38
Unloading Pump Foundations	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading Pump Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Unloading Pumps	Cranes	1	8.00	231	0.29
Unloading Pumps	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading Storage Tank 1	Cranes	1	8.00	231	0.29
Unloading Storage Tank 1	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading Storage Tank 2	Cranes	1	8.00	231	0.29
Unloading Storage Tank 2	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading Tower 1 Support Steel	Cranes	1	8.00	231	0.29
Unloading Tower 1 Support Steel	Other Construction Equipment	1	8.00	49	0.42
Unloading Tower 1 Support Steel	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading Tower 2 Support Steel	Cranes	1	8.00	231	0.29
Unloading Tower 2 Support Steel	Other Construction Equipment	1	8.00	49	0.42
Unloading Tower 2 Support Steel	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading Tower Processing Building 2	Cranes	1	8.00	231	0.29
Unloading Tower Processing Building 2	Other Construction Equipment	2	8.00	49	0.42
Unloading Tower Processing Building 2	Rough Terrain Forklifts	1	8.00	100	0.40
Unloading West Building 1	Cranes	1	8.00	231	0.29
Unloading West Building 1	Other Construction Equipment	2	8.00	49	0.42
Unloading West Building 1	Rough Terrain Forklifts	1	8.00	100	0.40
Vertical Bucket Elevator	Cranes	1	8.00	231	0.29

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Vertical Bucket Elevator	Rough Terrain Forklifts	1	8.00	100	0.40
West Conveyor Support Steel	Cranes	1	8.00	231	0.29
West Conveyor Support Steel	Rough Terrain Forklifts	1	8.00	100	0.40
West Conveyor Supports	Excavators	1	8.00	158	0.38
West Conveyor Supports	Rough Terrain Forklifts	1	8.00	100	0.40
West Conveyor Supports	Tractors/Loaders/Backhoes	1	8.00	97	0.37
West Equipment Support Tower Steel	Cranes	1	8.00	231	0.29
West Equipment Support Tower Steel	Other Construction Equipment	1	8.00	49	0.42
West Equipment Support Tower Steel	Rough Terrain Forklifts	1	8.00	100	0.40
West Site Asphalt	Pavers	1	8.00	130	0.42
West Site Asphalt	Paving Equipment	1	8.00	132	0.36
West Site Asphalt	Tractors/Loaders/Backhoes	1	8.00	97	0.37
West Unloading Conveyor System	Cranes	1	8.00	231	0.29
West Unloading Conveyor System	Rough Terrain Forklifts	1	8.00	100	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Above Ground Drain Piping 1		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Above Ground Utility Piping 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
Backfill Underground Utilities		13.00	1.00	0.00	2.00	102.80	0.00	LD_Mix	HDT_Mix	HHDT
Bucket Elevator Sup. Steel & Stair Tower St		8.00	0.00	0.00	2.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
Building Foundation		8.00	6.00	0.00	2.00	231.70	0.00	LD_Mix	HDT_Mix	HHDT
Building Landings & Ramps		8.00	1.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Building Side Walks		8.00	1.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Burner Package		5.00	1.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT

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Burner Support Pedestals	8.00	4.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Crushing Area Vertical Bucket Elevator Foundation	8.00	50.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Crushing Equipment Package	5.00	1.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT
Crushing Equipment System Foundation	8.00	20.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Crushing Tower 1 Foundation Pedestals	8.00	10.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
East Burner Backing Wall Foundation	8.00	2.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
East Conveyor Support Steel	5.00	0.00	0.00	2.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
East Conveyor Supports	8.00	3.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
East Conveyor System	5.00	1.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT
East Equipment Foundation	8.00	3.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Hydrant Equipment Package	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Hydrant Equipment System Foundation	8.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Hydrated Lime Tank	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Lime 1/8 Tank	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Lime 3/8 Tank	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Lime Plant Building Foundation	8.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Lime Plant Main Building	10.00	0.00	0.00	2.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
Lime Plant Pit Ramp	15.00	1.00	2.00	2.00	131.20	0.00	LD_Mix	HDT_Mix	HHDT
Lime Plant Pit Retaining East Wall	5.00	4.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT
Lime Plant Pit Retaining North Wall	5.00	4.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT
Lime Plant Retaining South Wall	5.00	4.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT
Lime Plant Retaining West Wall	5.00	3.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT
Lime Powder Tank	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Milling Equipment Package	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Milling Equipment System Foundation	8.00	20.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Milling Tower 1 Foundation Pedestals	8.00	7.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Milling Tower Steel	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

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North Site Asphalt	3.00	11.00	0.00	2.00	128.90	0.00	LD_Mix	HDT_Mix	HHDT
Office, Lab, Control Room Building	10.00	1.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT
Office, Lab, Control Room Driveway Asphalt	3.00	27.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Packing Equipment	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Packing Equipment	8.00	2.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
System Foundation	5.00	1.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT
Permanent Site Security Fencing	5.00	1.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT
Permanent Solar Station Fencing	8.00	6.00	0.00	2.00	58.26	0.00	LD_Mix	HDT_Mix	HHDT
Powder Plant Main Building Foundation	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Powder Plant Unloading Building		0.00	0.00	16.80	6.60				
Preliminary Survey									
Process Piping 1	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Cathodic Protection	3.00	1.00	0.00	2.00	102.80	0.00	LD_Mix	HDT_Mix	HHDT
Site Clear & Grub	18.00	0.00	0.00	2.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
Site Drainage Sloping	5.00	0.00	0.00	2.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
Site Dumpsters		0.00	0.00	16.80	6.60				
Site Environmental	5.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Fence Post Anchoring	8.00	1.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Site Fine Grading	5.00	0.00	0.00	2.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
Site Grading	10.00	0.00	0.00	2.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
Site Gravel	3.00	30.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Site Lunch & Break Areas		0.00	0.00	16.80	6.60				
Site Office		0.00	0.00	16.80	6.60				
Site Restroom		0.00	0.00	16.80	6.60				
Solar PDC Building Foundation	8.00	3.00	0.00	2.00	45.27	0.00	LD_Mix	HDT_Mix	HHDT
Solar Station Fence Post Anchoring	8.00	0.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
South Side Asphalt	3.00	8.00	40.00	2.00	0.00	26.10	LD_Mix	HDT_Mix	HHDT
Storage Area Tank Foundation Pedestals	8.00	7.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT

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Storage Tank 1 Foundation	8.00	3.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Storage Tank 2 Foundation	8.00	3.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Storage Tanks Tower Steel	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Storage Tower Structure Steel & Bracing	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Temp. Road Surface Preparation	3.00	0.00	0.00	2.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
Temp. Site Fencing & Security	5.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Transformer Yard Fence Post Anchoring	8.00	1.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Transformer Yard Fencing	5.00	2.00	0.00	2.00	171.20	0.00	LD_Mix	HDT_Mix	HHDT
Truck Unloading Building Foundation	8.00	2.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Unloading Backing Wall Foundation	8.00	2.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Unloading Bin Tower Building Foundation	8.00	9.00	0.00	2.00	63.21	0.00	LD_Mix	HDT_Mix	HHDT
Unloading Bin Tower Foundation	8.00	7.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Unloading Bin Tower Steel	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Unloading Bins	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Unloading Pump Foundations	8.00	1.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
Unloading Pumps	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Unloading Storage Tank 1	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Unloading Storage Tank 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Unloading Tower 1 Support Steel	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Unloading Tower 2 Support Steel	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Unloading Tower Processing Building 2	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Unloading West Building 1	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Vertical Bucket Elevator	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
West Conveyor Support Steel	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
West Conveyor Supports	8.00	1.00	0.00	2.00	26.10	0.00	LD_Mix	HDT_Mix	HHDT
West Equipment Support Tower Steel	301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
West Site Asphalt	3.00	12.00	60.00	2.00	0.00	26.10	LD_Mix	HDT_Mix	HHDT

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West Unloading Conveyor System		301.00	118.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
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3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.101 Solar PDC Building 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					
Off-Road	2.8600e-003	0.0309	0.0354	5.0000e-005		1.6600e-003	1.6600e-003		1.5200e-003	1.5200e-003	0.0000	4.7340	4.7340	1.5000e-003	0.0000	4.7715
Total	2.8600e-003	0.0309	0.0354	5.0000e-005		1.6600e-003	1.6600e-003		1.5200e-003	1.5200e-003	0.0000	4.7340	4.7340	1.5000e-003	0.0000	4.7715

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3.101 Solar PDC Building 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	1.6000e-004	4.1400e-003	1.0800e-003	2.0000e-005	5.6000e-004	6.0000e-005	6.1000e-004	1.6000e-004	5.0000e-005	2.1000e-004	0.0000	1.6335	1.6335	4.0000e-005	0.0000	1.6346
Worker	7.0000e-005	4.0000e-005	4.3000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0533	0.0533	0.0000	0.0000	0.0534
Total	2.3000e-004	4.1800e-003	1.5100e-003	2.0000e-005	6.1000e-004	6.0000e-005	6.6000e-004	1.7000e-004	5.0000e-005	2.2000e-004	0.0000	1.6868	1.6868	4.0000e-005	0.0000	1.6880

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	2.8600e-003	0.0309	0.0354	5.0000e-005		1.6600e-003	1.6600e-003		1.5200e-003	1.5200e-003	0.0000	4.7340	4.7340	1.5000e-003	0.0000	4.7714
Total	2.8600e-003	0.0309	0.0354	5.0000e-005		1.6600e-003	1.6600e-003		1.5200e-003	1.5200e-003	0.0000	4.7340	4.7340	1.5000e-003	0.0000	4.7714

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3.101 Solar PDC Building 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	1.6000e-004	4.1400e-003	1.0800e-003	2.0000e-005	5.6000e-004	6.0000e-005	6.1000e-004	1.6000e-004	5.0000e-005	2.1000e-004	0.0000	1.6335	1.6335	4.0000e-005	0.0000	1.6346
Worker	7.0000e-005	4.0000e-005	4.3000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0533	0.0533	0.0000	0.0000	0.0534
Total	2.3000e-004	4.1800e-003	1.5100e-003	2.0000e-005	6.1000e-004	6.0000e-005	6.6000e-004	1.7000e-004	5.0000e-005	2.2000e-004	0.0000	1.6868	1.6868	4.0000e-005	0.0000	1.6880

3.102 Hydrated Lime 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					
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	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	0.0000	3.4000e-004	3.4000e-004	0.0000	3.1000e-004	3.1000e-004	0.0000	0.8275	0.8275	2.6000e-004	0.0000	0.8341

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3.102 Hydrated Lime 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
Hauling					0.0000	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
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9300e-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
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	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

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3.102 Hydrated Lime Tank - 2019**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	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	0.0000	3.4000e-004	3.4000e-004	0.0000	3.1000e-004	3.1000e-004	0.0000	0.8275	0.8275	2.6000e-004	0.0000	0.8341

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3.102 Hydrated Lime 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
Hauling					0.0000	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
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9300e-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
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	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

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3.103 Lime Powder 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					
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	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
Off-Road	9.4000e-004	0.0105	0.0115	2.0000e-005		6.0000e-004	6.0000e-004		5.5000e-004	5.5000e-004	0.0000	1.4708	1.4708	4.7000e-004	0.0000	1.4824
Total	1.5900e-003	0.0183	0.0161	3.0000e-005	0.0000	9.4000e-004	9.4000e-004	0.0000	8.6000e-004	8.6000e-004	0.0000	2.2983	2.2983	7.3000e-004	0.0000	2.3165

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3.103 Lime Powder 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
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9300e-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
Worker	8.0000e-005	7.0000e-005	6.3000e-004	0.0000	1.6000e-004	0.0000	1.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1363	0.1363	0.0000	0.0000	0.1364
Total	2.4500e-003	0.0148	0.0192	7.0000e-005	4.6500e-003	9.0000e-005	4.7500e-003	1.2500e-003	9.0000e-005	1.3400e-003	0.0000	6.5247	6.5247	4.3000e-004	0.0000	6.5355

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3.103 Lime Powder Tank - 2019**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	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
Off-Road	9.4000e-004	0.0105	0.0115	2.0000e-005		6.0000e-004	6.0000e-004		5.5000e-004	5.5000e-004	0.0000	1.4708	1.4708	4.7000e-004	0.0000	1.4824
Total	1.5900e-003	0.0183	0.0161	3.0000e-005	0.0000	9.4000e-004	9.4000e-004	0.0000	8.6000e-004	8.6000e-004	0.0000	2.2983	2.2983	7.3000e-004	0.0000	2.3165

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3.103 Lime Powder 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
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9300e-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
Worker	8.0000e-005	7.0000e-005	6.3000e-004	0.0000	1.6000e-004	0.0000	1.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1363	0.1363	0.0000	0.0000	0.1364
Total	2.4500e-003	0.0148	0.0192	7.0000e-005	4.6500e-003	9.0000e-005	4.7500e-003	1.2500e-003	9.0000e-005	1.3400e-003	0.0000	6.5247	6.5247	4.3000e-004	0.0000	6.5355

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3.104 Storage Tower Structure Skins & Roof - 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	0.0111	0.0873	0.0646	1.0000e-004		4.9100e-003	4.9100e-003		4.5200e-003	4.5200e-003	0.0000	8.8722	8.8722	2.8100e-003	0.0000	8.9424
Total	0.0111	0.0873	0.0646	1.0000e-004	0.0000	4.9100e-003	4.9100e-003	0.0000	4.5200e-003	4.5200e-003	0.0000	8.8722	8.8722	2.8100e-003	0.0000	8.9424

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3.104 Storage Tower Structure Skins & Roof - 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
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.3400e-003	0.0977	0.0252	2.5000e-004	5.3500e-003	5.6000e-004	5.9100e-003	1.5400e-003	5.3000e-004	2.0800e-003	0.0000	23.3068	23.3068	2.3000e-003	0.0000	23.3642
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0144	0.0130	0.1137	2.7000e-004	0.0283	1.8000e-004	0.0285	7.5200e-003	1.7000e-004	7.6900e-003	0.0000	24.6066	24.6066	9.0000e-004	0.0000	24.6292
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	0.0178	0.1106	0.1389	5.2000e-004	0.0337	7.4000e-004	0.0344	9.0600e-003	7.0000e-004	9.7700e-003	0.0000	47.9134	47.9134	3.2000e-003	0.0000	47.9934

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3.104 Storage Tower Structure Skins & Roof - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0111	0.0873	0.0646	1.0000e-004		4.9100e-003	4.9100e-003		4.5200e-003	4.5200e-003	0.0000	8.8722	8.8722	2.8100e-003	0.0000	8.9424
Total	0.0111	0.0873	0.0646	1.0000e-004	0.0000	4.9100e-003	4.9100e-003	0.0000	4.5200e-003	4.5200e-003	0.0000	8.8722	8.8722	2.8100e-003	0.0000	8.9424

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3.104 Storage Tower Structure Skins & Roof - 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
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.3400e-003	0.0977	0.0252	2.5000e-004	5.3500e-003	5.6000e-004	5.9100e-003	1.5400e-003	5.3000e-004	2.0800e-003	0.0000	23.3068	23.3068	2.3000e-003	0.0000	23.3642
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0144	0.0130	0.1137	2.7000e-004	0.0283	1.8000e-004	0.0285	7.5200e-003	1.7000e-004	7.6900e-003	0.0000	24.6066	24.6066	9.0000e-004	0.0000	24.6292
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	0.0178	0.1106	0.1389	5.2000e-004	0.0337	7.4000e-004	0.0344	9.0600e-003	7.0000e-004	9.7700e-003	0.0000	47.9134	47.9134	3.2000e-003	0.0000	47.9934

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3.105 East 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					
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	1.4100e-003	0.0159	0.0195	3.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.7055	2.7055	8.6000e-004	0.0000	2.7269
Total	1.4100e-003	0.0159	0.0195	3.0000e-005	0.0000	7.4000e-004	7.4000e-004	0.0000	6.8000e-004	6.8000e-004	0.0000	2.7055	2.7055	8.6000e-004	0.0000	2.7269

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3.105 East 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
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	3.3200e-003	8.6000e-004	2.0000e-005	5.5000e-004	5.0000e-005	6.0000e-004	1.6000e-004	5.0000e-005	2.1000e-004	0.0000	1.5025	1.5025	2.0000e-005	0.0000	1.5030
Vendor					0.0000	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
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	1.6000e-004	3.3400e-003	1.0700e-003	2.0000e-005	5.8000e-004	5.0000e-005	6.3000e-004	1.7000e-004	5.0000e-005	2.2000e-004	0.0000	1.5284	1.5284	2.0000e-005	0.0000	1.5289

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3.105 East Conveyor System - 2019**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	1.4100e-003	0.0159	0.0195	3.0000e-005		7.4000e-004	7.4000e-004		6.8000e-004	6.8000e-004	0.0000	2.7055	2.7055	8.6000e-004	0.0000	2.7269
Total	1.4100e-003	0.0159	0.0195	3.0000e-005	0.0000	7.4000e-004	7.4000e-004	0.0000	6.8000e-004	6.8000e-004	0.0000	2.7055	2.7055	8.6000e-004	0.0000	2.7269

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3.105 East 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
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	3.3200e-003	8.6000e-004	2.0000e-005	5.5000e-004	5.0000e-005	6.0000e-004	1.6000e-004	5.0000e-005	2.1000e-004	0.0000	1.5025	1.5025	2.0000e-005	0.0000	1.5030
Vendor					0.0000	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
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	1.6000e-004	3.3400e-003	1.0700e-003	2.0000e-005	5.8000e-004	5.0000e-005	6.3000e-004	1.7000e-004	5.0000e-005	2.2000e-004	0.0000	1.5284	1.5284	2.0000e-005	0.0000	1.5289

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3.106 Lime 1/8 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					
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	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
Off-Road	1.8800e-003	0.0209	0.0230	3.0000e-005		1.1900e-003	1.1900e-003		1.1000e-003	1.1000e-003	0.0000	2.9416	2.9416	9.3000e-004	0.0000	2.9649
Total	2.5300e-003	0.0288	0.0276	4.0000e-005	0.0000	1.5300e-003	1.5300e-003	0.0000	1.4100e-003	1.4100e-003	0.0000	3.7691	3.7691	1.1900e-003	0.0000	3.7989

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3.106 Lime 1/8 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
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9300e-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
Worker	1.6000e-004	1.4000e-004	1.2600e-003	0.0000	3.1000e-004	0.0000	3.2000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.2725	0.2725	1.0000e-005	0.0000	0.2728
Total	2.5300e-003	0.0149	0.0198	7.0000e-005	4.8000e-003	9.0000e-005	4.9100e-003	1.2900e-003	9.0000e-005	1.3900e-003	0.0000	6.6610	6.6610	4.4000e-004	0.0000	6.6719

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3.106 Lime 1/8 Tank - 2019**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	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
Off-Road	1.8800e-003	0.0209	0.0230	3.0000e-005		1.1900e-003	1.1900e-003		1.1000e-003	1.1000e-003	0.0000	2.9416	2.9416	9.3000e-004	0.0000	2.9648
Total	2.5300e-003	0.0288	0.0276	4.0000e-005	0.0000	1.5300e-003	1.5300e-003	0.0000	1.4100e-003	1.4100e-003	0.0000	3.7691	3.7691	1.1900e-003	0.0000	3.7989

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3.106 Lime 1/8 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
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9300e-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
Worker	1.6000e-004	1.4000e-004	1.2600e-003	0.0000	3.1000e-004	0.0000	3.2000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.2725	0.2725	1.0000e-005	0.0000	0.2728
Total	2.5300e-003	0.0149	0.0198	7.0000e-005	4.8000e-003	9.0000e-005	4.9100e-003	1.2900e-003	9.0000e-005	1.3900e-003	0.0000	6.6610	6.6610	4.4000e-004	0.0000	6.6719

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3.107 Lime 3/8 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					
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	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	0.0000	3.4000e-004	3.4000e-004	0.0000	3.1000e-004	3.1000e-004	0.0000	0.8275	0.8275	2.6000e-004	0.0000	0.8341

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3.107 Lime 3/8 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
Hauling					0.0000	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
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9300e-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
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	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

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3.107 Lime 3/8 Tank - 2019**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	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	0.0000	3.4000e-004	3.4000e-004	0.0000	3.1000e-004	3.1000e-004	0.0000	0.8275	0.8275	2.6000e-004	0.0000	0.8341

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3.107 Lime 3/8 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
Hauling					0.0000	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
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9300e-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
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	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

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3.108 West Equipment Support Tower 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					
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	3.1900e-003	0.0292	0.0198	3.0000e-005		1.4900e-003	1.4900e-003		1.3700e-003	1.3700e-003	0.0000	3.0157	3.0157	9.5000e-004	0.0000	3.0396
Total	3.1900e-003	0.0292	0.0198	3.0000e-005	0.0000	1.4900e-003	1.4900e-003	0.0000	1.3700e-003	1.3700e-003	0.0000	3.0157	3.0157	9.5000e-004	0.0000	3.0396

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3.108 West Equipment Support Tower 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
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3300e-003	0.0391	0.0101	1.0000e-004	2.1400e-003	2.2000e-004	2.3600e-003	6.2000e-004	2.1000e-004	8.3000e-004	0.0000	9.3227	9.3227	9.2000e-004	0.0000	9.3457
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7800e-003	5.1800e-003	0.0455	1.1000e-004	0.0113	7.0000e-005	0.0114	3.0100e-003	7.0000e-005	3.0700e-003	0.0000	9.8426	9.8426	3.6000e-004	0.0000	9.8517
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	7.1100e-003	0.0442	0.0556	2.1000e-004	0.0135	2.9000e-004	0.0138	3.6300e-003	2.8000e-004	3.9000e-003	0.0000	19.1654	19.1654	1.2800e-003	0.0000	19.1974

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3.108 West Equipment Support Tower Steel - 2019**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	3.1900e-003	0.0292	0.0198	3.0000e-005		1.4900e-003	1.4900e-003		1.3700e-003	1.3700e-003	0.0000	3.0157	3.0157	9.5000e-004	0.0000	3.0396
Total	3.1900e-003	0.0292	0.0198	3.0000e-005	0.0000	1.4900e-003	1.4900e-003	0.0000	1.3700e-003	1.3700e-003	0.0000	3.0157	3.0157	9.5000e-004	0.0000	3.0396

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3.108 West Equipment Support Tower 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
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3300e-003	0.0391	0.0101	1.0000e-004	2.1400e-003	2.2000e-004	2.3600e-003	6.2000e-004	2.1000e-004	8.3000e-004	0.0000	9.3227	9.3227	9.2000e-004	0.0000	9.3457
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7800e-003	5.1800e-003	0.0455	1.1000e-004	0.0113	7.0000e-005	0.0114	3.0100e-003	7.0000e-005	3.0700e-003	0.0000	9.8426	9.8426	3.6000e-004	0.0000	9.8517
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	7.1100e-003	0.0442	0.0556	2.1000e-004	0.0135	2.9000e-004	0.0138	3.6300e-003	2.8000e-004	3.9000e-003	0.0000	19.1654	19.1654	1.2800e-003	0.0000	19.1974

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3.9 Site Clear & Grub - 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					0.0251	0.0000	0.0251	2.7100e-003	0.0000	2.7100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0248	0.2686	0.1416	3.6000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	32.6350	32.6350	0.0103	0.0000	32.8931
Total	0.0248	0.2686	0.1416	3.6000e-004	0.0251	0.0110	0.0361	2.7100e-003	0.0101	0.0128	0.0000	32.6350	32.6350	0.0103	0.0000	32.8931

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.0000e-004	1.0900e-003	0.0000	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1333	0.1333	1.0000e-005	0.0000	0.1335
Total	1.8000e-004	1.0000e-004	1.0900e-003	0.0000	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1333	0.1333	1.0000e-005	0.0000	0.1335

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3.9 Site Clear & Grub - 2019**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					0.0113	0.0000	0.0113	1.2200e-003	0.0000	1.2200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0248	0.2686	0.1416	3.6000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	32.6350	32.6350	0.0103	0.0000	32.8931
Total	0.0248	0.2686	0.1416	3.6000e-004	0.0113	0.0110	0.0223	1.2200e-003	0.0101	0.0113	0.0000	32.6350	32.6350	0.0103	0.0000	32.8931

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.0000e-004	1.0900e-003	0.0000	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1333	0.1333	1.0000e-005	0.0000	0.1335
Total	1.8000e-004	1.0000e-004	1.0900e-003	0.0000	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1333	0.1333	1.0000e-005	0.0000	0.1335

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3.10 Site Grading - 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					0.0261	0.0000	0.0261	2.8200e-003	0.0000	2.8200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0184	0.2090	0.1061	2.1000e-004		9.1800e-003	9.1800e-003		8.4500e-003	8.4500e-003	0.0000	19.2916	19.2916	6.1000e-003	0.0000	19.4442
Total	0.0184	0.2090	0.1061	2.1000e-004	0.0261	9.1800e-003	0.0353	2.8200e-003	8.4500e-003	0.0113	0.0000	19.2916	19.2916	6.1000e-003	0.0000	19.4442

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	7.0000e-005	7.9000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0963	0.0963	1.0000e-005	0.0000	0.0964
Total	1.3000e-004	7.0000e-005	7.9000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0963	0.0963	1.0000e-005	0.0000	0.0964

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3.10 Site Grading - 2019**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					0.0117	0.0000	0.0117	1.2700e-003	0.0000	1.2700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0184	0.2090	0.1061	2.1000e-004		9.1800e-003	9.1800e-003		8.4500e-003	8.4500e-003	0.0000	19.2916	19.2916	6.1000e-003	0.0000	19.4442
Total	0.0184	0.2090	0.1061	2.1000e-004	0.0117	9.1800e-003	0.0209	1.2700e-003	8.4500e-003	9.7200e-003	0.0000	19.2916	19.2916	6.1000e-003	0.0000	19.4442

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	7.0000e-005	7.9000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0963	0.0963	1.0000e-005	0.0000	0.0964
Total	1.3000e-004	7.0000e-005	7.9000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0963	0.0963	1.0000e-005	0.0000	0.0964

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3.11 Lime Plant Pit Excavation - 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	0.0291	0.2999	0.1832	5.4000e-004		0.0112	0.0112		0.0103	0.0103	0.0000	48.2333	48.2333	0.0153	0.0000	48.6148
Total	0.0291	0.2999	0.1832	5.4000e-004		0.0112	0.0112		0.0103	0.0103	0.0000	48.2333	48.2333	0.0153	0.0000	48.6148

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	0.0291	0.2999	0.1832	5.4000e-004		0.0112	0.0112		0.0103	0.0103	0.0000	48.2333	48.2333	0.0153	0.0000	48.6148
Total	0.0291	0.2999	0.1832	5.4000e-004		0.0112	0.0112		0.0103	0.0103	0.0000	48.2333	48.2333	0.0153	0.0000	48.6148

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3.12 Excavate & Install Man Holes - 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	2.7000e-003	0.0285	0.0323	5.0000e-005		1.5100e-003	1.5100e-003		1.3900e-003	1.3900e-003	0.0000	4.3331	4.3331	1.3400e-003	0.0000	4.3667
Total	2.7000e-003	0.0285	0.0323	5.0000e-005		1.5100e-003	1.5100e-003		1.3900e-003	1.3900e-003	0.0000	4.3331	4.3331	1.3400e-003	0.0000	4.3667

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	2.7000e-003	0.0285	0.0323	5.0000e-005		1.5100e-003	1.5100e-003		1.3900e-003	1.3900e-003	0.0000	4.3331	4.3331	1.3400e-003	0.0000	4.3667
Total	2.7000e-003	0.0285	0.0323	5.0000e-005		1.5100e-003	1.5100e-003		1.3900e-003	1.3900e-003	0.0000	4.3331	4.3331	1.3400e-003	0.0000	4.3667

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3.13 Lime Plant Duct Banks - 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	3.2100e-003	0.0326	0.0362	5.0000e-005		1.8500e-003	1.8500e-003		1.7100e-003	1.7100e-003	0.0000	4.8274	4.8274	1.5300e-003	0.0000	4.8656
Total	3.2100e-003	0.0326	0.0362	5.0000e-005		1.8500e-003	1.8500e-003		1.7100e-003	1.7100e-003	0.0000	4.8274	4.8274	1.5300e-003	0.0000	4.8656

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	3.2100e-003	0.0326	0.0362	5.0000e-005		1.8500e-003	1.8500e-003		1.7100e-003	1.7100e-003	0.0000	4.8274	4.8274	1.5300e-003	0.0000	4.8656
Total	3.2100e-003	0.0326	0.0362	5.0000e-005		1.8500e-003	1.8500e-003		1.7100e-003	1.7100e-003	0.0000	4.8274	4.8274	1.5300e-003	0.0000	4.8656

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3.14 UG Drain Piping - 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	0.0687	0.0787	1.2000e-004		3.6800e-003	3.6800e-003		3.3800e-003	3.3800e-003	0.0000	10.5200	10.5200	3.3300e-003	0.0000	10.6032
Total	6.3600e-003	0.0687	0.0787	1.2000e-004		3.6800e-003	3.6800e-003		3.3800e-003	3.3800e-003	0.0000	10.5200	10.5200	3.3300e-003	0.0000	10.6032

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	0.0687	0.0787	1.2000e-004		3.6800e-003	3.6800e-003		3.3800e-003	3.3800e-003	0.0000	10.5200	10.5200	3.3300e-003	0.0000	10.6032
Total	6.3600e-003	0.0687	0.0787	1.2000e-004		3.6800e-003	3.6800e-003		3.3800e-003	3.3800e-003	0.0000	10.5200	10.5200	3.3300e-003	0.0000	10.6032

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3.15 Lime Plant Pit Retaining North Wall - 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	1.9400e-003	0.0236	0.0138	3.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	2.4825	2.4825	7.9000e-004	0.0000	2.5022
Total	1.9400e-003	0.0236	0.0138	3.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	2.4825	2.4825	7.9000e-004	0.0000	2.5022

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	4.6000e-004	0.0114	2.9600e-003	5.0000e-005	1.8700e-003	1.8000e-004	2.0600e-003	5.4000e-004	1.8000e-004	7.2000e-004	0.0000	5.1514	5.1514	6.0000e-005	0.0000	5.1530
Worker	3.0000e-005	2.0000e-005	1.8000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0222	0.0222	0.0000	0.0000	0.0223
Total	4.9000e-004	0.0114	3.1400e-003	5.0000e-005	1.8900e-003	1.8000e-004	2.0800e-003	5.5000e-004	1.8000e-004	7.3000e-004	0.0000	5.1736	5.1736	6.0000e-005	0.0000	5.1752

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3.15 Lime Plant Pit Retaining North Wall - 2019**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	1.9400e-003	0.0236	0.0138	3.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	2.4825	2.4825	7.9000e-004	0.0000	2.5022
Total	1.9400e-003	0.0236	0.0138	3.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	2.4825	2.4825	7.9000e-004	0.0000	2.5022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.6000e-004	0.0114	2.9600e-003	5.0000e-005	1.8700e-003	1.8000e-004	2.0600e-003	5.4000e-004	1.8000e-004	7.2000e-004	0.0000	5.1514	5.1514	6.0000e-005	0.0000	5.1530
Worker	3.0000e-005	2.0000e-005	1.8000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0222	0.0222	0.0000	0.0000	0.0223
Total	4.9000e-004	0.0114	3.1400e-003	5.0000e-005	1.8900e-003	1.8000e-004	2.0800e-003	5.5000e-004	1.8000e-004	7.3000e-004	0.0000	5.1736	5.1736	6.0000e-005	0.0000	5.1752

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3.16 Lime Plant Pit Ramp - 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	8.6000e-003	0.0905	0.0478	1.2000e-004		3.8800e-003	3.8800e-003		3.5700e-003	3.5700e-003	0.0000	11.0008	11.0008	3.4800e-003	0.0000	11.0878
Total	8.6000e-003	0.0905	0.0478	1.2000e-004	0.0000	3.8800e-003	3.8800e-003	0.0000	3.5700e-003	3.5700e-003	0.0000	11.0008	11.0008	3.4800e-003	0.0000	11.0878

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	2.2000e-004	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0330	0.0330	1.0000e-005	0.0000	0.0332
Vendor	7.0000e-005	1.8600e-003	4.8000e-004	1.0000e-005	3.0000e-004	3.0000e-005	3.3000e-004	9.0000e-005	3.0000e-005	1.1000e-004	0.0000	0.8284	0.8284	1.0000e-005	0.0000	0.8287
Worker	7.0000e-005	4.0000e-005	4.5000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0555	0.0555	0.0000	0.0000	0.0556
Total	1.5000e-004	2.1200e-003	9.5000e-004	1.0000e-005	3.6000e-004	3.0000e-005	3.9000e-004	1.1000e-004	3.0000e-005	1.3000e-004	0.0000	0.9169	0.9169	2.0000e-005	0.0000	0.9175

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3.16 Lime Plant Pit Ramp - 2019**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	8.6000e-003	0.0905	0.0478	1.2000e-004		3.8800e-003	3.8800e-003		3.5700e-003	3.5700e-003	0.0000	11.0008	11.0008	3.4800e-003	0.0000	11.0878
Total	8.6000e-003	0.0905	0.0478	1.2000e-004	0.0000	3.8800e-003	3.8800e-003	0.0000	3.5700e-003	3.5700e-003	0.0000	11.0008	11.0008	3.4800e-003	0.0000	11.0878

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	2.2000e-004	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0330	0.0330	1.0000e-005	0.0000	0.0332
Vendor	7.0000e-005	1.8600e-003	4.8000e-004	1.0000e-005	3.0000e-004	3.0000e-005	3.3000e-004	9.0000e-005	3.0000e-005	1.1000e-004	0.0000	0.8284	0.8284	1.0000e-005	0.0000	0.8287
Worker	7.0000e-005	4.0000e-005	4.5000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0555	0.0555	0.0000	0.0000	0.0556
Total	1.5000e-004	2.1200e-003	9.5000e-004	1.0000e-005	3.6000e-004	3.0000e-005	3.9000e-004	1.1000e-004	3.0000e-005	1.3000e-004	0.0000	0.9169	0.9169	2.0000e-005	0.0000	0.9175

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3.17 Lime Plant Pit Retaining East Wall - 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

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	8.4000e-004	0.0208	5.4300e-003	1.0000e-004	3.4300e-003	3.4000e-004	3.7700e-003	9.9000e-004	3.2000e-004	1.3100e-003	0.0000	9.4442	9.4442	1.2000e-004	0.0000	9.4471
Worker	5.0000e-005	3.0000e-005	3.3000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0407	0.0407	0.0000	0.0000	0.0408
Total	8.9000e-004	0.0209	5.7600e-003	1.0000e-004	3.4700e-003	3.4000e-004	3.8100e-003	1.0000e-003	3.2000e-004	1.3200e-003	0.0000	9.4849	9.4849	1.2000e-004	0.0000	9.4879

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3.17 Lime Plant Pit Retaining East Wall - 2019**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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.4000e-004	0.0208	5.4300e-003	1.0000e-004	3.4300e-003	3.4000e-004	3.7700e-003	9.9000e-004	3.2000e-004	1.3100e-003	0.0000	9.4442	9.4442	1.2000e-004	0.0000	9.4471
Worker	5.0000e-005	3.0000e-005	3.3000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0407	0.0407	0.0000	0.0000	0.0408
Total	8.9000e-004	0.0209	5.7600e-003	1.0000e-004	3.4700e-003	3.4000e-004	3.8100e-003	1.0000e-003	3.2000e-004	1.3200e-003	0.0000	9.4849	9.4849	1.2000e-004	0.0000	9.4879

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3.18 Excavate for Underground Utilities - 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	1.2300e-003	0.0126	0.0139	2.0000e-005		7.1000e-004	7.1000e-004		6.6000e-004	6.6000e-004	0.0000	1.8567	1.8567	5.9000e-004	0.0000	1.8714
Total	1.2300e-003	0.0126	0.0139	2.0000e-005		7.1000e-004	7.1000e-004		6.6000e-004	6.6000e-004	0.0000	1.8567	1.8567	5.9000e-004	0.0000	1.8714

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	1.2300e-003	0.0126	0.0139	2.0000e-005		7.1000e-004	7.1000e-004		6.6000e-004	6.6000e-004	0.0000	1.8567	1.8567	5.9000e-004	0.0000	1.8714
Total	1.2300e-003	0.0126	0.0139	2.0000e-005		7.1000e-004	7.1000e-004		6.6000e-004	6.6000e-004	0.0000	1.8567	1.8567	5.9000e-004	0.0000	1.8714

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3.19 Retention Pond Excavation - 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	2.9100e-003	0.0296	0.0218	6.0000e-005		1.1700e-003	1.1700e-003		1.0800e-003	1.0800e-003	0.0000	4.9501	4.9501	1.5700e-003	0.0000	4.9893
Total	2.9100e-003	0.0296	0.0218	6.0000e-005		1.1700e-003	1.1700e-003		1.0800e-003	1.0800e-003	0.0000	4.9501	4.9501	1.5700e-003	0.0000	4.9893

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	2.9100e-003	0.0296	0.0218	6.0000e-005		1.1700e-003	1.1700e-003		1.0800e-003	1.0800e-003	0.0000	4.9501	4.9501	1.5700e-003	0.0000	4.9893
Total	2.9100e-003	0.0296	0.0218	6.0000e-005		1.1700e-003	1.1700e-003		1.0800e-003	1.0800e-003	0.0000	4.9501	4.9501	1.5700e-003	0.0000	4.9893

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3.20 Limestone Pit Excavation - 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	3.8800e-003	0.0395	0.0290	7.0000e-005		1.5600e-003	1.5600e-003		1.4400e-003	1.4400e-003	0.0000	6.6002	6.6002	2.0900e-003	0.0000	6.6524
Total	3.8800e-003	0.0395	0.0290	7.0000e-005		1.5600e-003	1.5600e-003		1.4400e-003	1.4400e-003	0.0000	6.6002	6.6002	2.0900e-003	0.0000	6.6524

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	3.8800e-003	0.0395	0.0290	7.0000e-005		1.5600e-003	1.5600e-003		1.4400e-003	1.4400e-003	0.0000	6.6002	6.6002	2.0900e-003	0.0000	6.6524
Total	3.8800e-003	0.0395	0.0290	7.0000e-005		1.5600e-003	1.5600e-003		1.4400e-003	1.4400e-003	0.0000	6.6002	6.6002	2.0900e-003	0.0000	6.6524

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3.21 Powder Plant Duct Banks - 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	1.7300e-003	0.0176	0.0195	3.0000e-005		1.0000e-003	1.0000e-003		9.2000e-004	9.2000e-004	0.0000	2.5994	2.5994	8.2000e-004	0.0000	2.6200
Total	1.7300e-003	0.0176	0.0195	3.0000e-005		1.0000e-003	1.0000e-003		9.2000e-004	9.2000e-004	0.0000	2.5994	2.5994	8.2000e-004	0.0000	2.6200

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	1.7300e-003	0.0176	0.0195	3.0000e-005		1.0000e-003	1.0000e-003		9.2000e-004	9.2000e-004	0.0000	2.5994	2.5994	8.2000e-004	0.0000	2.6200
Total	1.7300e-003	0.0176	0.0195	3.0000e-005		1.0000e-003	1.0000e-003		9.2000e-004	9.2000e-004	0.0000	2.5994	2.5994	8.2000e-004	0.0000	2.6200

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3.22 Unloading Bin Tower Building 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	3.1800e-003	0.0344	0.0393	6.0000e-005		1.8400e-003	1.8400e-003		1.6900e-003	1.6900e-003	0.0000	5.2600	5.2600	1.6600e-003	0.0000	5.3016
Total	3.1800e-003	0.0344	0.0393	6.0000e-005	0.0000	1.8400e-003	1.8400e-003	0.0000	1.6900e-003	1.6900e-003	0.0000	5.2600	5.2600	1.6600e-003	0.0000	5.3016

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	7.1000e-004	0.0179	4.6600e-003	8.0000e-005	2.5900e-003	2.6000e-004	2.8500e-003	7.5000e-004	2.4000e-004	9.9000e-004	0.0000	7.4213	7.4213	1.6000e-004	0.0000	7.4253
Worker	8.0000e-005	5.0000e-005	4.8000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0593	0.0593	0.0000	0.0000	0.0593
Total	7.9000e-004	0.0180	5.1400e-003	8.0000e-005	2.6500e-003	2.6000e-004	2.9100e-003	7.7000e-004	2.4000e-004	1.0100e-003	0.0000	7.4806	7.4806	1.6000e-004	0.0000	7.4846

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3.22 Unloading Bin Tower Building Foundation - 2019**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	3.1800e-003	0.0344	0.0393	6.0000e-005		1.8400e-003	1.8400e-003		1.6900e-003	1.6900e-003	0.0000	5.2600	5.2600	1.6600e-003	0.0000	5.3016
Total	3.1800e-003	0.0344	0.0393	6.0000e-005	0.0000	1.8400e-003	1.8400e-003	0.0000	1.6900e-003	1.6900e-003	0.0000	5.2600	5.2600	1.6600e-003	0.0000	5.3016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.1000e-004	0.0179	4.6600e-003	8.0000e-005	2.5900e-003	2.6000e-004	2.8500e-003	7.5000e-004	2.4000e-004	9.9000e-004	0.0000	7.4213	7.4213	1.6000e-004	0.0000	7.4253
Worker	8.0000e-005	5.0000e-005	4.8000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0593	0.0593	0.0000	0.0000	0.0593
Total	7.9000e-004	0.0180	5.1400e-003	8.0000e-005	2.6500e-003	2.6000e-004	2.9100e-003	7.7000e-004	2.4000e-004	1.0100e-003	0.0000	7.4806	7.4806	1.6000e-004	0.0000	7.4846

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3.23 Lime Plant Retaining South Wall - 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	1.9400e-003	0.0236	0.0138	3.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	2.4825	2.4825	7.9000e-004	0.0000	2.5022
Total	1.9400e-003	0.0236	0.0138	3.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	2.4825	2.4825	7.9000e-004	0.0000	2.5022

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	4.6000e-004	0.0114	2.9600e-003	5.0000e-005	1.8700e-003	1.8000e-004	2.0600e-003	5.4000e-004	1.8000e-004	7.2000e-004	0.0000	5.1514	5.1514	6.0000e-005	0.0000	5.1530
Worker	3.0000e-005	2.0000e-005	1.8000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0222	0.0222	0.0000	0.0000	0.0223
Total	4.9000e-004	0.0114	3.1400e-003	5.0000e-005	1.8900e-003	1.8000e-004	2.0800e-003	5.5000e-004	1.8000e-004	7.3000e-004	0.0000	5.1736	5.1736	6.0000e-005	0.0000	5.1752

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3.23 Lime Plant Retaining South Wall - 2019**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	1.9400e-003	0.0236	0.0138	3.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	2.4825	2.4825	7.9000e-004	0.0000	2.5022
Total	1.9400e-003	0.0236	0.0138	3.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	2.4825	2.4825	7.9000e-004	0.0000	2.5022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.6000e-004	0.0114	2.9600e-003	5.0000e-005	1.8700e-003	1.8000e-004	2.0600e-003	5.4000e-004	1.8000e-004	7.2000e-004	0.0000	5.1514	5.1514	6.0000e-005	0.0000	5.1530
Worker	3.0000e-005	2.0000e-005	1.8000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0222	0.0222	0.0000	0.0000	0.0223
Total	4.9000e-004	0.0114	3.1400e-003	5.0000e-005	1.8900e-003	1.8000e-004	2.0800e-003	5.5000e-004	1.8000e-004	7.3000e-004	0.0000	5.1736	5.1736	6.0000e-005	0.0000	5.1752

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3.24 Lime Plant Grounding Grid - 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	3.2100e-003	0.0326	0.0362	5.0000e-005		1.8500e-003	1.8500e-003		1.7100e-003	1.7100e-003	0.0000	4.8274	4.8274	1.5300e-003	0.0000	4.8656
Total	3.2100e-003	0.0326	0.0362	5.0000e-005		1.8500e-003	1.8500e-003		1.7100e-003	1.7100e-003	0.0000	4.8274	4.8274	1.5300e-003	0.0000	4.8656

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	3.2100e-003	0.0326	0.0362	5.0000e-005		1.8500e-003	1.8500e-003		1.7100e-003	1.7100e-003	0.0000	4.8274	4.8274	1.5300e-003	0.0000	4.8656
Total	3.2100e-003	0.0326	0.0362	5.0000e-005		1.8500e-003	1.8500e-003		1.7100e-003	1.7100e-003	0.0000	4.8274	4.8274	1.5300e-003	0.0000	4.8656

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3.25 UG Process Piping - 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	2.2300e-003	0.0240	0.0275	4.0000e-005		1.2900e-003	1.2900e-003		1.1800e-003	1.1800e-003	0.0000	3.6820	3.6820	1.1600e-003	0.0000	3.7111
Total	2.2300e-003	0.0240	0.0275	4.0000e-005		1.2900e-003	1.2900e-003		1.1800e-003	1.1800e-003	0.0000	3.6820	3.6820	1.1600e-003	0.0000	3.7111

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	2.2300e-003	0.0240	0.0275	4.0000e-005		1.2900e-003	1.2900e-003		1.1800e-003	1.1800e-003	0.0000	3.6820	3.6820	1.1600e-003	0.0000	3.7111
Total	2.2300e-003	0.0240	0.0275	4.0000e-005		1.2900e-003	1.2900e-003		1.1800e-003	1.1800e-003	0.0000	3.6820	3.6820	1.1600e-003	0.0000	3.7111

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3.26 Lime Plant Retaining West Wall - 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	5.1700e-003	0.0629	0.0367	7.0000e-005		2.7000e-003	2.7000e-003		2.4800e-003	2.4800e-003	0.0000	6.6201	6.6201	2.0900e-003	0.0000	6.6725
Total	5.1700e-003	0.0629	0.0367	7.0000e-005		2.7000e-003	2.7000e-003		2.4800e-003	2.4800e-003	0.0000	6.6201	6.6201	2.0900e-003	0.0000	6.6725

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	9.2000e-004	0.0227	5.9300e-003	1.1000e-004	3.7500e-003	3.7000e-004	4.1200e-003	1.0800e-003	3.5000e-004	1.4300e-003	0.0000	10.3028	10.3028	1.3000e-004	0.0000	10.3059
Worker	8.0000e-005	5.0000e-005	4.8000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0593	0.0593	0.0000	0.0000	0.0593
Total	1.0000e-003	0.0228	6.4100e-003	1.1000e-004	3.8100e-003	3.7000e-004	4.1800e-003	1.1000e-003	3.5000e-004	1.4500e-003	0.0000	10.3620	10.3620	1.3000e-004	0.0000	10.3653

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3.26 Lime Plant Retaining West Wall - 2019**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	5.1700e-003	0.0629	0.0367	7.0000e-005		2.7000e-003	2.7000e-003		2.4800e-003	2.4800e-003	0.0000	6.6201	6.6201	2.0900e-003	0.0000	6.6725
Total	5.1700e-003	0.0629	0.0367	7.0000e-005		2.7000e-003	2.7000e-003		2.4800e-003	2.4800e-003	0.0000	6.6201	6.6201	2.0900e-003	0.0000	6.6725

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.2000e-004	0.0227	5.9300e-003	1.1000e-004	3.7500e-003	3.7000e-004	4.1200e-003	1.0800e-003	3.5000e-004	1.4300e-003	0.0000	10.3028	10.3028	1.3000e-004	0.0000	10.3059
Worker	8.0000e-005	5.0000e-005	4.8000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0593	0.0593	0.0000	0.0000	0.0593
Total	1.0000e-003	0.0228	6.4100e-003	1.1000e-004	3.8100e-003	3.7000e-004	4.1800e-003	1.1000e-003	3.5000e-004	1.4500e-003	0.0000	10.3620	10.3620	1.3000e-004	0.0000	10.3653

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3.27 Storage Tank 1 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	1.2700e-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	0.0000	7.4000e-004	7.4000e-004	0.0000	6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206

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	5.0000e-005	1.2600e-003	3.3000e-004	0.0000	1.4000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.4444	0.4444	2.0000e-005	0.0000	0.4449
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	8.0000e-005	1.2800e-003	5.2000e-004	0.0000	1.6000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.4681	0.4681	2.0000e-005	0.0000	0.4686

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3.27 Storage Tank 1 Foundation - 2019**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	1.2700e-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	0.0000	7.4000e-004	7.4000e-004	0.0000	6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.0000e-005	1.2600e-003	3.3000e-004	0.0000	1.4000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.4444	0.4444	2.0000e-005	0.0000	0.4449
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	8.0000e-005	1.2800e-003	5.2000e-004	0.0000	1.6000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.4681	0.4681	2.0000e-005	0.0000	0.4686

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3.28 Truck Unloading Building 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5000e-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	0.0000	5.5000e-004	5.5000e-004	0.0000	5.1000e-004	5.1000e-004	0.0000	1.5780	1.5780	5.0000e-004	0.0000	1.5905

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	2.0000e-005	1.0000e-005	1.4000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0178	0.0178	0.0000	0.0000	0.0178
Total	4.0000e-005	6.4000e-004	3.0000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.2400	0.2400	1.0000e-005	0.0000	0.2402

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3.28 Truck Unloading Building Foundation Pedestals - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5000e-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	0.0000	5.5000e-004	5.5000e-004	0.0000	5.1000e-004	5.1000e-004	0.0000	1.5780	1.5780	5.0000e-004	0.0000	1.5905

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.0000e-005	1.0000e-005	1.4000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0178	0.0178	0.0000	0.0000	0.0178
Total	4.0000e-005	6.4000e-004	3.0000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.2400	0.2400	1.0000e-005	0.0000	0.2402

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3.29 Unloading Bin Tower 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	3.1900e-003	0.0292	0.0198	3.0000e-005		1.4900e-003	1.4900e-003		1.3700e-003	1.3700e-003	0.0000	3.0157	3.0157	9.5000e-004	0.0000	3.0396
Total	3.1900e-003	0.0292	0.0198	3.0000e-005		1.4900e-003	1.4900e-003		1.3700e-003	1.3700e-003	0.0000	3.0157	3.0157	9.5000e-004	0.0000	3.0396

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	1.3300e-003	0.0391	0.0101	1.0000e-004	2.1400e-003	2.2000e-004	2.3600e-003	6.2000e-004	2.1000e-004	8.3000e-004	0.0000	9.3227	9.3227	9.2000e-004	0.0000	9.3457
Worker	5.7800e-003	5.1800e-003	0.0455	1.1000e-004	0.0113	7.0000e-005	0.0114	3.0100e-003	7.0000e-005	3.0700e-003	0.0000	9.8426	9.8426	3.6000e-004	0.0000	9.8517
Total	7.1100e-003	0.0442	0.0556	2.1000e-004	0.0135	2.9000e-004	0.0138	3.6300e-003	2.8000e-004	3.9000e-003	0.0000	19.1654	19.1654	1.2800e-003	0.0000	19.1974

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3.29 Unloading Bin Tower Steel - 2019**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	3.1900e-003	0.0292	0.0198	3.0000e-005		1.4900e-003	1.4900e-003		1.3700e-003	1.3700e-003	0.0000	3.0157	3.0157	9.5000e-004	0.0000	3.0396
Total	3.1900e-003	0.0292	0.0198	3.0000e-005		1.4900e-003	1.4900e-003		1.3700e-003	1.3700e-003	0.0000	3.0157	3.0157	9.5000e-004	0.0000	3.0396

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3300e-003	0.0391	0.0101	1.0000e-004	2.1400e-003	2.2000e-004	2.3600e-003	6.2000e-004	2.1000e-004	8.3000e-004	0.0000	9.3227	9.3227	9.2000e-004	0.0000	9.3457
Worker	5.7800e-003	5.1800e-003	0.0455	1.1000e-004	0.0113	7.0000e-005	0.0114	3.0100e-003	7.0000e-005	3.0700e-003	0.0000	9.8426	9.8426	3.6000e-004	0.0000	9.8517
Total	7.1100e-003	0.0442	0.0556	2.1000e-004	0.0135	2.9000e-004	0.0138	3.6300e-003	2.8000e-004	3.9000e-003	0.0000	19.1654	19.1654	1.2800e-003	0.0000	19.1974

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3.30 City Electrical Tie In - 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

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

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3.31 Unloading Bin Tower 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	1.5900e-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	0.0000	9.2000e-004	9.2000e-004	0.0000	8.5000e-004	8.5000e-004	0.0000	2.6300	2.6300	8.3000e-004	0.0000	2.6508

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	1.4000e-004	3.6700e-003	9.5000e-004	1.0000e-005	4.2000e-004	4.0000e-005	4.6000e-004	1.2000e-004	4.0000e-005	1.6000e-004	0.0000	1.2963	1.2963	5.0000e-005	0.0000	1.2975
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	1.8000e-004	3.6900e-003	1.1900e-003	1.0000e-005	4.5000e-004	4.0000e-005	4.9000e-004	1.3000e-004	4.0000e-005	1.7000e-004	0.0000	1.3259	1.3259	5.0000e-005	0.0000	1.3272

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3.31 Unloading Bin Tower Foundation - 2019**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	1.5900e-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	0.0000	9.2000e-004	9.2000e-004	0.0000	8.5000e-004	8.5000e-004	0.0000	2.6300	2.6300	8.3000e-004	0.0000	2.6508

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4000e-004	3.6700e-003	9.5000e-004	1.0000e-005	4.2000e-004	4.0000e-005	4.6000e-004	1.2000e-004	4.0000e-005	1.6000e-004	0.0000	1.2963	1.2963	5.0000e-005	0.0000	1.2975
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	1.8000e-004	3.6900e-003	1.1900e-003	1.0000e-005	4.5000e-004	4.0000e-005	4.9000e-004	1.3000e-004	4.0000e-005	1.7000e-004	0.0000	1.3259	1.3259	5.0000e-005	0.0000	1.3272

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3.32 Unloading Pump Foundations - 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	1.5900e-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	0.0000	9.2000e-004	9.2000e-004	0.0000	8.5000e-004	8.5000e-004	0.0000	2.6300	2.6300	8.3000e-004	0.0000	2.6508

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	5.2000e-004	1.4000e-004	0.0000	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.1852	0.1852	1.0000e-005	0.0000	0.1854
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	6.0000e-005	5.4000e-004	3.8000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.2148	0.2148	1.0000e-005	0.0000	0.2150

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3.32 Unloading Pump Foundations - 2019**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	1.5900e-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	0.0000	9.2000e-004	9.2000e-004	0.0000	8.5000e-004	8.5000e-004	0.0000	2.6300	2.6300	8.3000e-004	0.0000	2.6508

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.2000e-004	1.4000e-004	0.0000	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.1852	0.1852	1.0000e-005	0.0000	0.1854
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	6.0000e-005	5.4000e-004	3.8000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.2148	0.2148	1.0000e-005	0.0000	0.2150

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3.33 Burner 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	6.3600e-003	0.0687	0.0787	1.2000e-004		3.6800e-003	3.6800e-003		3.3800e-003	3.3800e-003	0.0000	10.5200	10.5200	3.3300e-003	0.0000	10.6032
Total	6.3600e-003	0.0687	0.0787	1.2000e-004		3.6800e-003	3.6800e-003		3.3800e-003	3.3800e-003	0.0000	10.5200	10.5200	3.3300e-003	0.0000	10.6032

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	8.3800e-003	2.1700e-003	3.0000e-005	9.5000e-004	9.0000e-005	1.0500e-003	2.7000e-004	9.0000e-005	3.7000e-004	0.0000	2.9629	2.9629	1.2000e-004	0.0000	2.9658
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	8.4700e-003	3.1400e-003	3.0000e-005	1.0700e-003	9.0000e-005	1.1700e-003	3.0000e-004	9.0000e-005	4.0000e-004	0.0000	3.0814	3.0814	1.3000e-004	0.0000	3.0844

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3.33 Burner Support Pedestals - 2019**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	0.0687	0.0787	1.2000e-004		3.6800e-003	3.6800e-003		3.3800e-003	3.3800e-003	0.0000	10.5200	10.5200	3.3300e-003	0.0000	10.6032
Total	6.3600e-003	0.0687	0.0787	1.2000e-004		3.6800e-003	3.6800e-003		3.3800e-003	3.3800e-003	0.0000	10.5200	10.5200	3.3300e-003	0.0000	10.6032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.3800e-003	2.1700e-003	3.0000e-005	9.5000e-004	9.0000e-005	1.0500e-003	2.7000e-004	9.0000e-005	3.7000e-004	0.0000	2.9629	2.9629	1.2000e-004	0.0000	2.9658
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	8.4700e-003	3.1400e-003	3.0000e-005	1.0700e-003	9.0000e-005	1.1700e-003	3.0000e-004	9.0000e-005	4.0000e-004	0.0000	3.0814	3.0814	1.3000e-004	0.0000	3.0844

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3.34 Storage Tank 2 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	1.2700e-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	0.0000	7.4000e-004	7.4000e-004	0.0000	6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206

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	5.0000e-005	1.2600e-003	3.3000e-004	0.0000	1.4000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.4444	0.4444	2.0000e-005	0.0000	0.4449
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	8.0000e-005	1.2800e-003	5.2000e-004	0.0000	1.6000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.4681	0.4681	2.0000e-005	0.0000	0.4686

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3.34 Storage Tank 2 Foundation - 2019**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	1.2700e-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	0.0000	7.4000e-004	7.4000e-004	0.0000	6.8000e-004	6.8000e-004	0.0000	2.1040	2.1040	6.7000e-004	0.0000	2.1206

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.0000e-005	1.2600e-003	3.3000e-004	0.0000	1.4000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.4444	0.4444	2.0000e-005	0.0000	0.4449
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	8.0000e-005	1.2800e-003	5.2000e-004	0.0000	1.6000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.4681	0.4681	2.0000e-005	0.0000	0.4686

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3.35 City Water Tie In - 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

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

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3.36 Unloading Storage Tank 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	6.5000e-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

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

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3.36 Unloading Storage Tank 1 - 2019**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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

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3.37 Unloading Tower 1 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

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

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3.37 Unloading Tower 1 Support Steel - 2019**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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

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3.38 Unloading Bins - 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

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

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3.38 Unloading Bins - 2019**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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

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3.39 Unloading Tower Processing Building 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	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

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	3.5600e-003	0.1042	0.0268	2.6000e-004	5.7100e-003	5.9000e-004	6.3000e-003	1.6500e-003	5.7000e-004	2.2100e-003	0.0000	24.8606	24.8606	2.4500e-003	0.0000	24.9218
Worker	0.0154	0.0138	0.1213	2.9000e-004	0.0302	1.9000e-004	0.0304	8.0200e-003	1.8000e-004	8.2000e-003	0.0000	26.2471	26.2471	9.6000e-004	0.0000	26.2711
Total	0.0190	0.1180	0.1482	5.5000e-004	0.0359	7.8000e-004	0.0367	9.6700e-003	7.5000e-004	0.0104	0.0000	51.1076	51.1076	3.4100e-003	0.0000	51.1929

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3.39 Unloading Tower Processing Building 2 - 2019**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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5600e-003	0.1042	0.0268	2.6000e-004	5.7100e-003	5.9000e-004	6.3000e-003	1.6500e-003	5.7000e-004	2.2100e-003	0.0000	24.8606	24.8606	2.4500e-003	0.0000	24.9218
Worker	0.0154	0.0138	0.1213	2.9000e-004	0.0302	1.9000e-004	0.0304	8.0200e-003	1.8000e-004	8.2000e-003	0.0000	26.2471	26.2471	9.6000e-004	0.0000	26.2711
Total	0.0190	0.1180	0.1482	5.5000e-004	0.0359	7.8000e-004	0.0367	9.6700e-003	7.5000e-004	0.0104	0.0000	51.1076	51.1076	3.4100e-003	0.0000	51.1929

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3.40 City Sewer Tie In - 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

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

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3.41 Unloading Pumps - 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

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

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3.41 Unloading Pumps - 2019**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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

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3.42 Unloading Backing Wall 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					
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		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

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	5.0000e-005	1.2600e-003	3.3000e-004	0.0000	1.4000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.4444	0.4444	2.0000e-005	0.0000	0.4449
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	1.0000e-004	1.2900e-003	6.2000e-004	0.0000	1.8000e-004	1.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.4800	0.4800	2.0000e-005	0.0000	0.4805

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3.42 Unloading Backing Wall Foundation - 2019**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
Total	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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.0000e-005	1.2600e-003	3.3000e-004	0.0000	1.4000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.4444	0.4444	2.0000e-005	0.0000	0.4449
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	1.0000e-004	1.2900e-003	6.2000e-004	0.0000	1.8000e-004	1.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.4800	0.4800	2.0000e-005	0.0000	0.4805

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3.43 Powder Plant Grounding Grid - 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	2.3300e-003	0.0219	0.0173	2.0000e-005		1.5800e-003	1.5800e-003		1.4600e-003	1.4600e-003	0.0000	2.0365	2.0365	6.4000e-004	0.0000	2.0526
Total	2.3300e-003	0.0219	0.0173	2.0000e-005		1.5800e-003	1.5800e-003		1.4600e-003	1.4600e-003	0.0000	2.0365	2.0365	6.4000e-004	0.0000	2.0526

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	2.3300e-003	0.0219	0.0173	2.0000e-005		1.5800e-003	1.5800e-003		1.4600e-003	1.4600e-003	0.0000	2.0365	2.0365	6.4000e-004	0.0000	2.0526
Total	2.3300e-003	0.0219	0.0173	2.0000e-005		1.5800e-003	1.5800e-003		1.4600e-003	1.4600e-003	0.0000	2.0365	2.0365	6.4000e-004	0.0000	2.0526

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3.44 Unloading Storage Tank 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	6.5000e-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

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

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3.44 Unloading Storage Tank 2 - 2019**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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

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3.45 Unloading Tower 2 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	2.1300e-003	0.0195	0.0132	2.0000e-005		9.9000e-004	9.9000e-004		9.1000e-004	9.1000e-004	0.0000	2.0105	2.0105	6.4000e-004	0.0000	2.0264
Total	2.1300e-003	0.0195	0.0132	2.0000e-005		9.9000e-004	9.9000e-004		9.1000e-004	9.1000e-004	0.0000	2.0105	2.0105	6.4000e-004	0.0000	2.0264

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

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3.45 Unloading Tower 2 Support Steel - 2019**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	0.0195	0.0132	2.0000e-005		9.9000e-004	9.9000e-004		9.1000e-004	9.1000e-004	0.0000	2.0105	2.0105	6.4000e-004	0.0000	2.0264
Total	2.1300e-003	0.0195	0.0132	2.0000e-005		9.9000e-004	9.9000e-004		9.1000e-004	9.1000e-004	0.0000	2.0105	2.0105	6.4000e-004	0.0000	2.0264

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

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3.46 West 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	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

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	5.2000e-004	1.4000e-004	0.0000	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.1852	0.1852	1.0000e-005	0.0000	0.1854
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	6.0000e-005	5.4000e-004	3.8000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.2148	0.2148	1.0000e-005	0.0000	0.2150

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3.46 West Conveyor Supports - 2019**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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.2000e-004	1.4000e-004	0.0000	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.1852	0.1852	1.0000e-005	0.0000	0.1854
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	6.0000e-005	5.4000e-004	3.8000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.2148	0.2148	1.0000e-005	0.0000	0.2150

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3.47 City Gas Tie In - 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	0.0130	0.1408	0.1612	2.4000e-004		7.5400e-003	7.5400e-003		6.9400e-003	6.9400e-003	0.0000	21.5660	21.5660	6.8200e-003	0.0000	21.7366
Total	0.0130	0.1408	0.1612	2.4000e-004		7.5400e-003	7.5400e-003		6.9400e-003	6.9400e-003	0.0000	21.5660	21.5660	6.8200e-003	0.0000	21.7366

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	0.0130	0.1408	0.1612	2.4000e-004		7.5400e-003	7.5400e-003		6.9400e-003	6.9400e-003	0.0000	21.5660	21.5660	6.8200e-003	0.0000	21.7366
Total	0.0130	0.1408	0.1612	2.4000e-004		7.5400e-003	7.5400e-003		6.9400e-003	6.9400e-003	0.0000	21.5660	21.5660	6.8200e-003	0.0000	21.7366

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3.48 Backfill Underground Utilities - 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	4.5200e-003	0.0466	0.0247	6.0000e-005		2.1200e-003	2.1200e-003		1.9500e-003	1.9500e-003	0.0000	5.4814	5.4814	1.7300e-003	0.0000	5.5247
Total	4.5200e-003	0.0466	0.0247	6.0000e-005		2.1200e-003	2.1200e-003		1.9500e-003	1.9500e-003	0.0000	5.4814	5.4814	1.7300e-003	0.0000	5.5247

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	9.0000e-004	2.3000e-004	0.0000	1.4000e-004	1.0000e-005	1.5000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.3928	0.3928	1.0000e-005	0.0000	0.3929
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	0.0289	0.0289	0.0000	0.0000	0.0289
Total	8.0000e-005	9.2000e-004	4.7000e-004	0.0000	1.7000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.4216	0.4216	1.0000e-005	0.0000	0.4218

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3.48 Backfill Underground Utilities - 2019**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	4.5200e-003	0.0466	0.0247	6.0000e-005		2.1200e-003	2.1200e-003		1.9500e-003	1.9500e-003	0.0000	5.4814	5.4814	1.7300e-003	0.0000	5.5247
Total	4.5200e-003	0.0466	0.0247	6.0000e-005		2.1200e-003	2.1200e-003		1.9500e-003	1.9500e-003	0.0000	5.4814	5.4814	1.7300e-003	0.0000	5.5247

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.0000e-004	2.3000e-004	0.0000	1.4000e-004	1.0000e-005	1.5000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.3928	0.3928	1.0000e-005	0.0000	0.3929
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	0.0289	0.0289	0.0000	0.0000	0.0289
Total	8.0000e-005	9.2000e-004	4.7000e-004	0.0000	1.7000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.4216	0.4216	1.0000e-005	0.0000	0.4218

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3.49 West Conveyor 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	1.6200e-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

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

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3.49 West Conveyor Support Steel - 2019**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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

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3.50 Temp. Road Surface Preparation - 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	5.8000e-004	5.8400e-003	5.7600e-003	1.0000e-005		3.9000e-004	3.9000e-004		3.6000e-004	3.6000e-004	0.0000	0.6975	0.6975	2.2000e-004	0.0000	0.7030
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.8000e-004	5.8400e-003	5.7600e-003	1.0000e-005		3.9000e-004	3.9000e-004		3.6000e-004	3.6000e-004	0.0000	0.6975	0.6975	2.2000e-004	0.0000	0.7030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0111	0.0111	0.0000	0.0000	0.0111
Total	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0111	0.0111	0.0000	0.0000	0.0111

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3.50 Temp. Road Surface Preparation - 2019**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	5.8000e-004	5.8400e-003	5.7600e-003	1.0000e-005		3.9000e-004	3.9000e-004		3.6000e-004	3.6000e-004	0.0000	0.6975	0.6975	2.2000e-004	0.0000	0.7030
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.8000e-004	5.8400e-003	5.7600e-003	1.0000e-005		3.9000e-004	3.9000e-004		3.6000e-004	3.6000e-004	0.0000	0.6975	0.6975	2.2000e-004	0.0000	0.7030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0111	0.0111	0.0000	0.0000	0.0111
Total	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0111	0.0111	0.0000	0.0000	0.0111

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3.51 Site Drainage Sloping - 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	3.4200e-003	0.0360	0.0165	3.0000e-005		1.8600e-003	1.8600e-003		1.7100e-003	1.7100e-003	0.0000	2.6149	2.6149	8.3000e-004	0.0000	2.6356
Total	3.4200e-003	0.0360	0.0165	3.0000e-005		1.8600e-003	1.8600e-003		1.7100e-003	1.7100e-003	0.0000	2.6149	2.6149	8.3000e-004	0.0000	2.6356

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	1.5000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0185	0.0185	0.0000	0.0000	0.0185
Total	2.0000e-005	1.0000e-005	1.5000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0185	0.0185	0.0000	0.0000	0.0185

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3.51 Site Drainage Sloping - 2019**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	3.4200e-003	0.0360	0.0165	3.0000e-005		1.8600e-003	1.8600e-003		1.7100e-003	1.7100e-003	0.0000	2.6149	2.6149	8.3000e-004	0.0000	2.6356
Total	3.4200e-003	0.0360	0.0165	3.0000e-005		1.8600e-003	1.8600e-003		1.7100e-003	1.7100e-003	0.0000	2.6149	2.6149	8.3000e-004	0.0000	2.6356

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0185	0.0185	0.0000	0.0000	0.0185
Total	2.0000e-005	1.0000e-005	1.5000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0185	0.0185	0.0000	0.0000	0.0185

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3.52 Solar Station Grounding Grid - 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	1.3300e-003	0.0125	9.8800e-003	1.0000e-005		9.0000e-004	9.0000e-004		8.3000e-004	8.3000e-004	0.0000	1.1637	1.1637	3.7000e-004	0.0000	1.1729
Total	1.3300e-003	0.0125	9.8800e-003	1.0000e-005		9.0000e-004	9.0000e-004		8.3000e-004	8.3000e-004	0.0000	1.1637	1.1637	3.7000e-004	0.0000	1.1729

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	1.3300e-003	0.0125	9.8800e-003	1.0000e-005		9.0000e-004	9.0000e-004		8.3000e-004	8.3000e-004	0.0000	1.1637	1.1637	3.7000e-004	0.0000	1.1729
Total	1.3300e-003	0.0125	9.8800e-003	1.0000e-005		9.0000e-004	9.0000e-004		8.3000e-004	8.3000e-004	0.0000	1.1637	1.1637	3.7000e-004	0.0000	1.1729

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3.53 West Unloading 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	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

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

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3.53 West Unloading Conveyor System - 2019**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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

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3.54 Site Cathodic Protection - 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

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	5.0000e-005	1.2000e-003	3.1000e-004	1.0000e-005	1.9000e-004	2.0000e-005	2.1000e-004	5.0000e-005	2.0000e-005	7.0000e-005	0.0000	0.5237	0.5237	1.0000e-005	0.0000	0.5239
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	8.8900e-003	8.8900e-003	0.0000	0.0000	8.9000e-003
Total	6.0000e-005	1.2100e-003	3.8000e-004	1.0000e-005	2.0000e-004	2.0000e-005	2.2000e-004	5.0000e-005	2.0000e-005	7.0000e-005	0.0000	0.5326	0.5326	1.0000e-005	0.0000	0.5328

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3.54 Site Cathodic Protection - 2019**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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.0000e-005	1.2000e-003	3.1000e-004	1.0000e-005	1.9000e-004	2.0000e-005	2.1000e-004	5.0000e-005	2.0000e-005	7.0000e-005	0.0000	0.5237	0.5237	1.0000e-005	0.0000	0.5239
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	8.8900e-003	8.8900e-003	0.0000	0.0000	8.9000e-003
Total	6.0000e-005	1.2100e-003	3.8000e-004	1.0000e-005	2.0000e-004	2.0000e-005	2.2000e-004	5.0000e-005	2.0000e-005	7.0000e-005	0.0000	0.5326	0.5326	1.0000e-005	0.0000	0.5328

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3.55 Site Fine Grading - 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	2.0500e-003	0.0216	9.8800e-003	2.0000e-005		1.1200e-003	1.1200e-003		1.0300e-003	1.0300e-003	0.0000	1.5689	1.5689	5.0000e-004	0.0000	1.5814
Total	2.0500e-003	0.0216	9.8800e-003	2.0000e-005		1.1200e-003	1.1200e-003		1.0300e-003	1.0300e-003	0.0000	1.5689	1.5689	5.0000e-004	0.0000	1.5814

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0111	0.0111	0.0000	0.0000	0.0111
Total	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0111	0.0111	0.0000	0.0000	0.0111

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3.55 Site Fine Grading - 2019**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	2.0500e-003	0.0216	9.8800e-003	2.0000e-005		1.1200e-003	1.1200e-003		1.0300e-003	1.0300e-003	0.0000	1.5689	1.5689	5.0000e-004	0.0000	1.5813
Total	2.0500e-003	0.0216	9.8800e-003	2.0000e-005		1.1200e-003	1.1200e-003		1.0300e-003	1.0300e-003	0.0000	1.5689	1.5689	5.0000e-004	0.0000	1.5813

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0111	0.0111	0.0000	0.0000	0.0111
Total	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0111	0.0111	0.0000	0.0000	0.0111

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3.56 Unloading West Building 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	5.9300e-003	0.0465	0.0345	5.0000e-005		2.6200e-003	2.6200e-003		2.4100e-003	2.4100e-003	0.0000	4.7318	4.7318	1.5000e-003	0.0000	4.7693
Total	5.9300e-003	0.0465	0.0345	5.0000e-005		2.6200e-003	2.6200e-003		2.4100e-003	2.4100e-003	0.0000	4.7318	4.7318	1.5000e-003	0.0000	4.7693

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

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3.56 Unloading West Building 1 - 2019**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	5.9300e-003	0.0465	0.0345	5.0000e-005		2.6200e-003	2.6200e-003		2.4100e-003	2.4100e-003	0.0000	4.7318	4.7318	1.5000e-003	0.0000	4.7693
Total	5.9300e-003	0.0465	0.0345	5.0000e-005		2.6200e-003	2.6200e-003		2.4100e-003	2.4100e-003	0.0000	4.7318	4.7318	1.5000e-003	0.0000	4.7693

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

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3.57 Lime Plant Building 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					
Off-Road	5.7200e-003	0.0618	0.0708	1.1000e-004		3.3100e-003	3.3100e-003		3.0500e-003	3.0500e-003	0.0000	9.4680	9.4680	3.0000e-003	0.0000	9.5429
Total	5.7200e-003	0.0618	0.0708	1.1000e-004		3.3100e-003	3.3100e-003		3.0500e-003	3.0500e-003	0.0000	9.4680	9.4680	3.0000e-003	0.0000	9.5429

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	4.6000e-004	4.1000e-004	3.6300e-003	1.0000e-005	9.0000e-004	1.0000e-005	9.1000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.7848	0.7848	3.0000e-005	0.0000	0.7855
Total	4.6000e-004	4.1000e-004	3.6300e-003	1.0000e-005	9.0000e-004	1.0000e-005	9.1000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.7848	0.7848	3.0000e-005	0.0000	0.7855

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3.57 Lime Plant Building Foundation - 2019**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	5.7200e-003	0.0618	0.0708	1.1000e-004		3.3100e-003	3.3100e-003		3.0500e-003	3.0500e-003	0.0000	9.4680	9.4680	3.0000e-003	0.0000	9.5429
Total	5.7200e-003	0.0618	0.0708	1.1000e-004		3.3100e-003	3.3100e-003		3.0500e-003	3.0500e-003	0.0000	9.4680	9.4680	3.0000e-003	0.0000	9.5429

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.6000e-004	4.1000e-004	3.6300e-003	1.0000e-005	9.0000e-004	1.0000e-005	9.1000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.7848	0.7848	3.0000e-005	0.0000	0.7855
Total	4.6000e-004	4.1000e-004	3.6300e-003	1.0000e-005	9.0000e-004	1.0000e-005	9.1000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.7848	0.7848	3.0000e-005	0.0000	0.7855

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3.58 Site Fence Post Anchoring - 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	0.0687	0.0787	1.2000e-004		3.6800e-003	3.6800e-003		3.3800e-003	3.3800e-003	0.0000	10.5200	10.5200	3.3300e-003	0.0000	10.6032
Total	6.3600e-003	0.0687	0.0787	1.2000e-004		3.6800e-003	3.6800e-003		3.3800e-003	3.3800e-003	0.0000	10.5200	10.5200	3.3300e-003	0.0000	10.6032

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	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	2.4000e-004	2.1800e-003	1.5100e-003	1.0000e-005	3.6000e-004	2.0000e-005	3.8000e-004	1.0000e-004	2.0000e-005	1.2000e-004	0.0000	0.8592	0.8592	4.0000e-005	0.0000	0.8601

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3.58 Site Fence Post Anchoring - 2019**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	0.0687	0.0787	1.2000e-004		3.6800e-003	3.6800e-003		3.3800e-003	3.3800e-003	0.0000	10.5200	10.5200	3.3300e-003	0.0000	10.6032
Total	6.3600e-003	0.0687	0.0787	1.2000e-004		3.6800e-003	3.6800e-003		3.3800e-003	3.3800e-003	0.0000	10.5200	10.5200	3.3300e-003	0.0000	10.6032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	2.4000e-004	2.1800e-003	1.5100e-003	1.0000e-005	3.6000e-004	2.0000e-005	3.8000e-004	1.0000e-004	2.0000e-005	1.2000e-004	0.0000	0.8592	0.8592	4.0000e-005	0.0000	0.8601

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3.59 Burner Package - 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-003	0.1021	0.0597	1.2000e-004		4.3800e-003	4.3800e-003		4.0300e-003	4.0300e-003	0.0000	10.7577	10.7577	3.4000e-003	0.0000	10.8428
Total	8.4000e-003	0.1021	0.0597	1.2000e-004		4.3800e-003	4.3800e-003		4.0300e-003	4.0300e-003	0.0000	10.7577	10.7577	3.4000e-003	0.0000	10.8428

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	5.0000e-004	0.0123	3.2100e-003	6.0000e-005	2.0300e-003	2.0000e-004	2.2300e-003	5.8000e-004	1.9000e-004	7.8000e-004	0.0000	5.5807	5.5807	7.0000e-005	0.0000	5.5824
Worker	1.3000e-004	7.0000e-005	7.9000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0963	0.0963	1.0000e-005	0.0000	0.0964
Total	6.3000e-004	0.0124	4.0000e-003	6.0000e-005	2.1300e-003	2.0000e-004	2.3300e-003	6.1000e-004	1.9000e-004	8.1000e-004	0.0000	5.6769	5.6769	8.0000e-005	0.0000	5.6788

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3.59 Burner Package - 2019**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-003	0.1021	0.0597	1.2000e-004		4.3800e-003	4.3800e-003		4.0300e-003	4.0300e-003	0.0000	10.7577	10.7577	3.4000e-003	0.0000	10.8427
Total	8.4000e-003	0.1021	0.0597	1.2000e-004		4.3800e-003	4.3800e-003		4.0300e-003	4.0300e-003	0.0000	10.7577	10.7577	3.4000e-003	0.0000	10.8427

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.0000e-004	0.0123	3.2100e-003	6.0000e-005	2.0300e-003	2.0000e-004	2.2300e-003	5.8000e-004	1.9000e-004	7.8000e-004	0.0000	5.5807	5.5807	7.0000e-005	0.0000	5.5824
Worker	1.3000e-004	7.0000e-005	7.9000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0963	0.0963	1.0000e-005	0.0000	0.0964
Total	6.3000e-004	0.0124	4.0000e-003	6.0000e-005	2.1300e-003	2.0000e-004	2.3300e-003	6.1000e-004	1.9000e-004	8.1000e-004	0.0000	5.6769	5.6769	8.0000e-005	0.0000	5.6788

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3.60 Site Gravel - 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	6.0000e-004	7.2400e-003	2.5200e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.2000e-004	2.2000e-004	0.0000	0.8421	0.8421	2.7000e-004	0.0000	0.8487
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-004	7.2400e-003	2.5200e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.2000e-004	2.2000e-004	0.0000	0.8421	0.8421	2.7000e-004	0.0000	0.8487

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	3.5000e-004	9.4300e-003	2.4400e-003	4.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.0000e-004	4.1000e-004	0.0000	3.3332	3.3332	1.3000e-004	0.0000	3.3365
Worker	1.0000e-005	1.0000e-005	5.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	6.6700e-003	6.6700e-003	0.0000	0.0000	6.6700e-003
Total	3.6000e-004	9.4400e-003	2.4900e-003	4.0000e-005	1.0800e-003	1.1000e-004	1.1900e-003	3.1000e-004	1.0000e-004	4.1000e-004	0.0000	3.3399	3.3399	1.3000e-004	0.0000	3.3432

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3.60 Site Gravel - 2019**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	6.0000e-004	7.2400e-003	2.5200e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.2000e-004	2.2000e-004	0.0000	0.8421	0.8421	2.7000e-004	0.0000	0.8487
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-004	7.2400e-003	2.5200e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.2000e-004	2.2000e-004	0.0000	0.8421	0.8421	2.7000e-004	0.0000	0.8487

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5000e-004	9.4300e-003	2.4400e-003	4.0000e-005	1.0700e-003	1.1000e-004	1.1800e-003	3.1000e-004	1.0000e-004	4.1000e-004	0.0000	3.3332	3.3332	1.3000e-004	0.0000	3.3365
Worker	1.0000e-005	1.0000e-005	5.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	6.6700e-003	6.6700e-003	0.0000	0.0000	6.6700e-003
Total	3.6000e-004	9.4400e-003	2.4900e-003	4.0000e-005	1.0800e-003	1.1000e-004	1.1900e-003	3.1000e-004	1.0000e-004	4.1000e-004	0.0000	3.3399	3.3399	1.3000e-004	0.0000	3.3432

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3.61 North Site Asphalt - 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	2.5700e-003	0.0270	0.0271	4.0000e-005		1.4700e-003	1.4700e-003		1.3600e-003	1.3600e-003	0.0000	3.7351	3.7351	1.1800e-003	0.0000	3.7647
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.5700e-003	0.0270	0.0271	4.0000e-005		1.4700e-003	1.4700e-003		1.3600e-003	1.3600e-003	0.0000	3.7351	3.7351	1.1800e-003	0.0000	3.7647

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	1.1400e-003	0.0282	7.3500e-003	1.3000e-004	4.5300e-003	4.5000e-004	4.9700e-003	1.3000e-003	4.3000e-004	1.7300e-003	0.0000	12.5406	12.5406	1.8000e-004	0.0000	12.5450
Worker	2.0000e-005	1.0000e-005	1.3000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0156	0.0156	0.0000	0.0000	0.0156
Total	1.1600e-003	0.0282	7.4800e-003	1.3000e-004	4.5500e-003	4.5000e-004	4.9900e-003	1.3000e-003	4.3000e-004	1.7300e-003	0.0000	12.5562	12.5562	1.8000e-004	0.0000	12.5606

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3.61 North Site Asphalt - 2019**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	2.5700e-003	0.0270	0.0271	4.0000e-005		1.4700e-003	1.4700e-003		1.3600e-003	1.3600e-003	0.0000	3.7351	3.7351	1.1800e-003	0.0000	3.7647
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.5700e-003	0.0270	0.0271	4.0000e-005		1.4700e-003	1.4700e-003		1.3600e-003	1.3600e-003	0.0000	3.7351	3.7351	1.1800e-003	0.0000	3.7647

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1400e-003	0.0282	7.3500e-003	1.3000e-004	4.5300e-003	4.5000e-004	4.9700e-003	1.3000e-003	4.3000e-004	1.7300e-003	0.0000	12.5406	12.5406	1.8000e-004	0.0000	12.5450
Worker	2.0000e-005	1.0000e-005	1.3000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0156	0.0156	0.0000	0.0000	0.0156
Total	1.1600e-003	0.0282	7.4800e-003	1.3000e-004	4.5500e-003	4.5000e-004	4.9900e-003	1.3000e-003	4.3000e-004	1.7300e-003	0.0000	12.5562	12.5562	1.8000e-004	0.0000	12.5606

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3.62 West Site Asphalt - 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	2.5700e-003	0.0270	0.0271	4.0000e-005		1.4700e-003	1.4700e-003		1.3600e-003	1.3600e-003	0.0000	3.7351	3.7351	1.1800e-003	0.0000	3.7647
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.5700e-003	0.0270	0.0271	4.0000e-005		1.4700e-003	1.4700e-003		1.3600e-003	1.3600e-003	0.0000	3.7351	3.7351	1.1800e-003	0.0000	3.7647

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4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1670	1.4585	1.9652	7.4400e-003	0.4861	5.8200e-003	0.4919	0.1303	5.4800e-003	0.1358	0.0000	689.6758	689.6758	0.0522	0.0000	690.9805
Unmitigated	0.1670	1.4585	1.9652	7.4400e-003	0.4861	5.8200e-003	0.4919	0.1303	5.4800e-003	0.1358	0.0000	689.6758	689.6758	0.0522	0.0000	690.9805

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	230.20	51.34	21.91	482,842	482,842
Manufacturing	257.20	100.32	41.74	788,185	788,185
Total	487.40	151.66	63.66	1,271,027	1,271,027

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Manufacturing	14.70	6.60	6.60	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	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
Manufacturing	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

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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

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
