

## **Appendix F**

Air Quality Calculations

SCE TLRR IC - Great Basin Valleys Air Basin, Annual

**SCE TLRR IC**  
**Great Basin Valleys Air Basin, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	1.00	Space	0.01	400.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Rural	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	54
<b>Climate Zone</b>	9			<b>Operational Year</b>	2024
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	702.44	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use -

Construction Phase - site info

Off-road Equipment - SCE equipment info

Off-road Equipment - SCE info

Off-road Equipment - SCE equipment info

Off-road Equipment - SCE equipment info

Off-road Equipment - SCE equipment info

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Off-road Equipment - SCE info

Off-road Equipment - SCE info

Trips and VMT - SCE workforce estimates; vendor trucks to estimate 4x4 trucks assuming 10 mph

Grading - default values used

Vehicle Trips - SCE O&M

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - no consumer products used

Area Coating - no arch coating

Landscape Equipment - no landscaping

Construction Off-road Equipment Mitigation - tier 4 APM

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	24	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	1.00	358.00
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tblConstructionPhase	NumDays	1.00	504.00
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tblConstructionPhase	NumDays	1.00	102.00
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tblConstructionPhase	NumDays	1.00	102.00
tblConstructionPhase	NumDays	1.00	14.00
tblConstructionPhase	NumDays	1.00	14.00





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tblFleetMix	MCY	5.4600e-003	5.6980e-003
tblFleetMix	MDV	0.12	0.11
tblFleetMix	MH	1.0810e-003	7.1100e-004
tblFleetMix	MHD	9.1740e-003	0.02
tblFleetMix	OBUS	4.2950e-003	1.5990e-003
tblFleetMix	SBUS	8.6500e-004	8.9600e-004
tblFleetMix	UBUS	1.8800e-003	1.5700e-003
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tblOffRoadEquipment	HorsePower	402.00	350.00

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tblWater	ElectricityIntensityFactorToSupply	2,117.00	9,727.00

## 2.0 Emissions Summary

## 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					
2021	4.1260	37.6012	27.1845	0.0928	0.9188	1.3799	2.2986	0.2673	1.2722	1.5395	0.0000	8,167.3500	8,167.3500	2.4955	0.0000	8,229.7381
2022	11.7011	93.7200	80.7340	0.2908	1.3058	3.4748	4.7806	0.2200	3.2026	3.4227	0.0000	25,559.0077	25,559.0077	8.0083	0.0000	25,759.2139
2023	17.0519	127.2605	119.9407	0.4482	1.1399	4.7023	5.8421	0.2195	4.3275	4.5470	0.0000	39,382.2312	39,382.2312	12.5179	0.0000	39,695.1797
2024	1.8442	13.7970	13.4911	0.0495	0.2312	0.5096	0.7409	0.0330	0.4689	0.5019	0.0000	4,344.8068	4,344.8068	1.3937	0.0000	4,379.6500
<b>Maximum</b>	<b>17.0519</b>	<b>127.2605</b>	<b>119.9407</b>	<b>0.4482</b>	<b>1.3058</b>	<b>4.7023</b>	<b>5.8421</b>	<b>0.2673</b>	<b>4.3275</b>	<b>4.5470</b>	<b>0.0000</b>	<b>39,382.2312</b>	<b>39,382.2312</b>	<b>12.5179</b>	<b>0.0000</b>	<b>39,695.1797</b>

### 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					
2021	4.1260	37.6011	27.1845	0.0928	0.5262	1.3799	1.9060	0.1511	1.2722	1.4233	0.0000	8,167.3407	8,167.3407	2.4955	0.0000	8,229.7288
2022	11.7011	93.7199	80.7339	0.2908	0.7924	3.4748	4.2673	0.1646	3.2026	3.3672	0.0000	25,558.9781	25,558.9781	8.0082	0.0000	25,759.1840
2023	17.0519	127.2603	119.9405	0.4482	0.8009	4.7023	5.5032	0.1829	4.3275	4.5104	0.0000	39,382.1852	39,382.1852	12.5179	0.0000	39,695.1333
2024	1.8442	13.7970	13.4910	0.0495	0.1213	0.5096	0.6309	0.0211	0.4689	0.4900	0.0000	4,344.8017	4,344.8017	1.3937	0.0000	4,379.6448
<b>Maximum</b>	<b>17.0519</b>	<b>127.2603</b>	<b>119.9405</b>	<b>0.4482</b>	<b>0.8009</b>	<b>4.7023</b>	<b>5.5032</b>	<b>0.1829</b>	<b>4.3275</b>	<b>4.5104</b>	<b>0.0000</b>	<b>39,382.1852</b>	<b>39,382.1852</b>	<b>12.5179</b>	<b>0.0000</b>	<b>39,695.1333</b>

	ROG	NOx	CO	SO2	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	37.68	0.00	9.92	29.75	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	4.1227	4.1227
2	4-1-2021	6-30-2021	13.1451	13.1451
3	7-1-2021	9-30-2021	12.3026	12.3026
4	10-1-2021	12-31-2021	12.0216	12.0216
5	1-1-2022	3-31-2022	10.7736	10.7736
6	4-1-2022	6-30-2022	16.1787	16.1787
7	7-1-2022	9-30-2022	37.8560	37.8560
8	10-1-2022	12-31-2022	40.4602	40.4602
9	1-1-2023	3-31-2023	41.6370	41.6370
10	4-1-2023	6-30-2023	39.3392	39.3392
11	7-1-2023	9-30-2023	33.7191	33.7191
12	10-1-2023	12-31-2023	30.0236	30.0236
13	1-1-2024	3-31-2024	13.3231	13.3231
14	4-1-2024	6-30-2024	1.6117	1.6117
15	7-1-2024	9-30-2024	0.5490	0.5490
		Highest	41.6370	41.6370

**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	3.0000e-005	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0446	0.0446	0.0000	0.0000	0.0448
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0446</b>	<b>0.0446</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0448</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.0000e-005	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0446	0.0446	0.0000	0.0000	0.0448
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0446</b>	<b>0.0446</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0448</b>

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	01 Survey	Site Preparation	2/1/2021	3/24/2022	6	358	
2	02 Staging Yard	Site Preparation	2/1/2021	7/31/2024	6	1095	
3	03 Road Work	Site Preparation	2/15/2021	4/15/2021	6	52	
4	04 West Crossing Installation	Site Preparation	3/1/2021	6/1/2021	6	80	
5	05 Install TSP Foundations	Site Preparation	3/15/2021	7/27/2022	6	429	
6	05A Install TSP Foundations	Site Preparation	3/15/2021	3/15/2022	6	314	
7	06 TSP Haul	Site Preparation	4/1/2021	12/7/2021	6	215	
8	07 TSP Assembly	Site Preparation	4/15/2021	8/22/2022	6	424	
9	08 TSP Erection	Site Preparation	4/15/2021	8/22/2022	6	424	
10	09 Install TSP Foundation MP	Site Preparation	2/11/2022	6/1/2023	6	408	
11	10 TSP Haul MP	Site Preparation	2/20/2022	7/28/2022	6	136	
12	11 TSP Assembly MP	Site Preparation	2/20/2022	8/2/2023	6	453	
13	12 TSP Erection MP	Site Preparation	2/20/2022	8/2/2023	6	453	
14	13 Existing Pole Removal	Site Preparation	6/16/2022	9/17/2022	6	81	
15	14 Existing H-Frame Removal	Site Preparation	6/16/2022	11/7/2022	6	124	
16	15 Existing Lattice Structure/TSP Removal	Site Preparation	6/16/2022	3/29/2024	6	560	
17	15A Existing Lattice Structure/TSP Removal	Site Preparation	6/16/2022	1/24/2024	6	504	
18	16 LWS Pole Haul	Site Preparation	10/1/2022	1/27/2023	6	102	
19	17 LWS Pole Assembly	Site Preparation	10/15/2022	2/10/2023	6	102	
20	18 Install LWS Pole	Site Preparation	10/15/2022	2/10/2023	6	102	
21	19 LWS H-Frame Haul	Site Preparation	1/1/2023	1/17/2023	6	14	
22	20 LWS H-Frame Assembly	Site Preparation	1/1/2023	1/17/2023	6	14	
23	21 Install LWS H-Frame	Site Preparation	1/1/2023	1/17/2023	6	14	
24	22 Install Conductor OPGW	Site Preparation	1/15/2023	11/28/2023	6	272	
25	22A Install Conductor OPGW	Site Preparation	1/15/2023	8/22/2023	6	188	
26	22B Install Conductor OPGW	Site Preparation	1/15/2023	4/11/2023	6	74	
27	22C Install Conductor OPGW	Site Preparation	1/15/2023	7/3/2023	6	145	
28	22D Install Conductor OPGW	Site Preparation	1/15/2023	3/20/2023	6	55	

29	23 Install/Remove Guard Structures	Site Preparation	2/1/2023	6/8/2023	6	110
30	24 33 kV line realignment	Site Preparation	3/1/2023	3/8/2023	6	7
31	25 Telecommunications Underground Infrastructure	Site Preparation	3/12/2023	6/15/2023	6	82
32	26 Telecommunications Pole Haul	Site Preparation	4/1/2023	5/3/2023	6	28
33	27 Telecommunications Pole Assembly	Site Preparation	4/1/2023	5/3/2023	6	28
34	28 Telecommunications Pole Installation Independence Tap	Site Preparation	4/1/2023	5/3/2023	6	28
35	29 Restoration	Site Preparation	6/10/2023	7/31/2024	6	358

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 0**

**Acres of Paving: 0.01**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
01 Survey	Graders	0	8.00	187	0.41
01 Survey	Off-Highway Trucks	2	10.00	300	0.38
01 Survey	Tractors/Loaders/Backhoes	0	8.00	97	0.37
02 Staging Yard	Concrete/Industrial Saws	0	8.00	81	0.73
02 Staging Yard	Cranes	1	5.00	350	0.29
02 Staging Yard	Forklifts	1	5.00	350	0.20
02 Staging Yard	Graders	0	6.00	250	0.41
02 Staging Yard	Off-Highway Trucks	1	4.00	300	0.38
02 Staging Yard	Off-Highway Trucks	2	10.00	300	0.38
02 Staging Yard	Off-Highway Trucks	1	4.00	300	0.38
02 Staging Yard	Off-Highway Trucks	1	6.00	500	0.38
02 Staging Yard	Rubber Tired Dozers	0	1.00	247	0.40
02 Staging Yard	Tractors/Loaders/Backhoes	0	6.00	97	0.37
03 Road Work	Aerial Lifts	0	8.00	50	0.31

03 Road Work	Excavators	2	7.00	300	0.38
03 Road Work	Graders	2	5.00	350	0.41
03 Road Work	Off-Highway Trucks	2	5.00	300	0.38
03 Road Work	Off-Highway Trucks	2	10.00	300	0.38
03 Road Work	Off-Highway Trucks	2	4.00	500	0.38
03 Road Work	Rollers	2	5.00	250	0.38
03 Road Work	Rubber Tired Dozers	2	7.00	350	0.40
03 Road Work	Tractors/Loaders/Backhoes	2	7.00	350	0.37
04 West Crossing Installation	Excavators	1	8.00	250	0.38
04 West Crossing Installation	Graders	0	8.00	187	0.41
04 West Crossing Installation	Off-Highway Trucks	2	8.00	300	0.38
04 West Crossing Installation	Off-Highway Trucks	2	8.00	350	0.38
04 West Crossing Installation	Off-Highway Trucks	1	10.00	300	0.38
04 West Crossing Installation	Off-Highway Trucks	3	4.00	350	0.38
04 West Crossing Installation	Rough Terrain Forklifts	1	8.00	125	0.40
04 West Crossing Installation	Tractors/Loaders/Backhoes	0	8.00	250	0.37
05 Install TSP Foundations	Bore/Drill Rigs	0	6.00	210	0.50
05 Install TSP Foundations	Cranes	4	7.00	350	0.29
05 Install TSP Foundations	Graders	0	8.00	187	0.41
05 Install TSP Foundations	Off-Highway Trucks	4	10.00	350	0.38
05 Install TSP Foundations	Off-Highway Trucks	4	10.00	350	0.38
05 Install TSP Foundations	Tractors/Loaders/Backhoes	4	10.00	200	0.37
05A Install TSP Foundations	Bore/Drill Rigs	4	10.00	500	0.50
05A Install TSP Foundations	Graders	0	8.00	187	0.41
05A Install TSP Foundations	Off-Highway Trucks	8	6.00	425	0.38
05A Install TSP Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37
06 TSP Haul	Cranes	1	8.00	350	0.29
06 TSP Haul	Graders	0	8.00	187	0.41
06 TSP Haul	Off-Highway Trucks	2	10.00	400	0.38
06 TSP Haul	Off-Highway Trucks	1	10.00	350	0.38

06 TSP Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
07 TSP Assembly	Air Compressors	2	6.00	60	0.48
07 TSP Assembly	Cranes	2	7.00	350	0.29
07 TSP Assembly	Crawler Tractors	0	8.00	350	0.43
07 TSP Assembly	Graders	0	8.00	187	0.41
07 TSP Assembly	Off-Highway Trucks	4	6.00	300	0.38
07 TSP Assembly	Off-Highway Trucks	2	10.00	350	0.38
07 TSP Assembly	Other General Industrial Equipment	0	6.00	60	0.34
07 TSP Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
08 TSP Erection	Aerial Lifts	0	8.00	250	0.31
08 TSP Erection	Air Compressors	2	6.00	60	0.48
08 TSP Erection	Cranes	0	8.00	350	0.29
08 TSP Erection	Cranes	2	7.00	350	0.29
08 TSP Erection	Graders	0	8.00	187	0.41
08 TSP Erection	Off-Highway Trucks	4	6.00	300	0.38
08 TSP Erection	Off-Highway Trucks	2	10.00	350	0.38
08 TSP Erection	Other General Industrial Equipment	0	4.00	60	0.34
08 TSP Erection	Tractors/Loaders/Backhoes	0	8.00	97	0.37
09 Install TSP Foundation MP	Cranes	2	7.00	350	0.29
09 Install TSP Foundation MP	Off-Highway Trucks	2	10.00	500	0.38
09 Install TSP Foundation MP	Off-Highway Trucks	2	10.00	350	0.38
09 Install TSP Foundation MP	Off-Highway Trucks	2	10.00	350	0.38
09 Install TSP Foundation MP	Off-Highway Trucks	4	6.00	425	0.38
09 Install TSP Foundation MP	Rubber Tired Loaders	2	10.00	200	0.36
10 TSP Haul MP	Off-Highway Trucks	1	8.00	350	0.38
10 TSP Haul MP	Off-Highway Trucks	2	10.00	400	0.38
10 TSP Haul MP	Off-Highway Trucks	1	10.00	350	0.38
11 TSP Assembly MP	Air Compressors	1	6.00	60	0.48
11 TSP Assembly MP	Cranes	1	7.00	350	0.29
11 TSP Assembly MP	Off-Highway Trucks	2	6.00	300	0.38

11 TSP Assembly MP	Off-Highway Trucks	1	10.00	350	0.38
12 TSP Erection MP	Air Compressors	1	6.00	60	0.48
12 TSP Erection MP	Cranes	1	7.00	350	0.29
12 TSP Erection MP	Off-Highway Trucks	1	6.00	300	0.38
12 TSP Erection MP	Off-Highway Trucks	1	10.00	350	0.38
13 Existing Pole Removal	Graders	0	8.00	187	0.41
13 Existing Pole Removal	Off-Highway Trucks	1	10.00	300	0.38
13 Existing Pole Removal	Off-Highway Trucks	2	8.00	350	0.38
13 Existing Pole Removal	Off-Highway Trucks	2	10.00	400	0.38
13 Existing Pole Removal	Tractors/Loaders/Backhoes	0	8.00	97	0.37
14 Existing H-Frame Removal	Air Compressors	5	6.00	60	0.48
14 Existing H-Frame Removal	Graders	0	8.00	187	0.41
14 Existing H-Frame Removal	Graders	0	6.00	250	0.41
14 Existing H-Frame Removal	Off-Highway Trucks	10	6.00	300	0.38
14 Existing H-Frame Removal	Off-Highway Trucks	5	10.00	350	0.38
14 Existing H-Frame Removal	Off-Highway Trucks	5	10.00	300	0.38
14 Existing H-Frame Removal	Off-Highway Trucks	0	4.00	450	0.38
14 Existing H-Frame Removal	Tractors/Loaders/Backhoes	0	8.00	97	0.37
15 Existing Lattice Structure/TSP Removal	Bore/Drill Rigs	10	8.00	210	0.50
15 Existing Lattice Structure/TSP Removal	Cranes	0	4.00	231	0.29
15 Existing Lattice Structure/TSP Removal	Forklifts	0	6.00	89	0.20
15 Existing Lattice Structure/TSP Removal	Graders	0	8.00	187	0.41
15 Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	6.00	300	0.38
15 Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	7.00	350	0.38
15 Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	300	0.38
15 Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	6.00	400	0.38
15 Existing Lattice Structure/TSP Removal	Other Construction Equipment	10	10.00	350	0.42
15 Existing Lattice Structure/TSP Removal	Tractors/Loaders/Backhoes	0	8.00	97	0.37
15 Existing Lattice Structure/TSP Removal	Tractors/Loaders/Backhoes	10	10.00	125	0.37
15A Existing Lattice Structure/TSP Removal	Cranes	0	4.00	231	0.29

15A Existing Lattice Structure/TSP Removal	Forklifts	0	6.00	89	0.20
15A Existing Lattice Structure/TSP Removal	Graders	0	8.00	187	0.41
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	5	10.00	300	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	250	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	400	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	300	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	350	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	350	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	350	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	450	0.38
15A Existing Lattice Structure/TSP Removal	Other Construction Equipment	5	10.00	350	0.42
15A Existing Lattice Structure/TSP Removal	Tractors/Loaders/Backhoes	0	10.00	125	0.37
15A Existing Lattice Structure/TSP Removal	Tractors/Loaders/Backhoes	10	8.00	125	0.37
15A Existing Lattice Structure/TSP Removal	Tractors/Loaders/Backhoes	0	8.00	97	0.37
16 LWS Pole Haul	Cranes	0	4.00	231	0.29
16 LWS Pole Haul	Forklifts	0	6.00	89	0.20
16 LWS Pole Haul	Off-Highway Trucks	4	10.00	300	0.38
16 LWS Pole Haul	Off-Highway Trucks	4	8.00	350	0.38
16 LWS Pole Haul	Off-Highway Trucks	4	10.00	400	0.38
16 LWS Pole Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
17 LWS Pole Assembly	Air Compressors	4	6.00	60	0.48
17 LWS Pole Assembly	Cranes	0	4.00	231	0.29
17 LWS Pole Assembly	Forklifts	0	6.00	89	0.20
17 LWS Pole Assembly	Off-Highway Trucks	8	10.00	300	0.38
17 LWS Pole Assembly	Off-Highway Trucks	4	10.00	350	0.38
17 LWS Pole Assembly	Off-Highway Trucks	4	6.00	350	0.38
17 LWS Pole Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
18 Install LWS Pole	Bore/Drill Rigs	4	8.00	210	0.50
18 Install LWS Pole	Cranes	0	4.00	231	0.29
18 Install LWS Pole	Cranes	4	7.00	350	0.29

18 Install LWS Pole	Forklifts	0	6.00	89	0.20
18 Install LWS Pole	Off-Highway Trucks	4	6.00	300	0.38
18 Install LWS Pole	Off-Highway Trucks	4	10.00	350	0.38
18 Install LWS Pole	Off-Highway Trucks	4	10.00	300	0.38
18 Install LWS Pole	Off-Highway Trucks	4	6.00	400	0.38
18 Install LWS Pole	Tractors/Loaders/Backhoes	0	8.00	97	0.37
18 Install LWS Pole	Tractors/Loaders/Backhoes	4	10.00	125	0.37
19 LWS H-Frame Haul	Cranes	1	8.00	350	0.29
19 LWS H-Frame Haul	Off-Highway Trucks	1	5.00	300	0.38
19 LWS H-Frame Haul	Off-Highway Trucks	1	10.00	400	0.38
20 LWS H-Frame Assembly	Air Compressors	1	6.00	60	0.48
20 LWS H-Frame Assembly	Cranes	1	8.00	350	0.29
20 LWS H-Frame Assembly	Off-Highway Trucks	2	10.00	300	0.38
20 LWS H-Frame Assembly	Off-Highway Trucks	1	10.00	350	0.38
21 Install LWS H-Frame	Bore/Drill Rigs	1	8.00	210	0.50
21 Install LWS H-Frame	Cranes	1	7.00	350	0.29
21 Install LWS H-Frame	Off-Highway Trucks	1	6.00	300	0.38
21 Install LWS H-Frame	Off-Highway Trucks	1	10.00	350	0.38
21 Install LWS H-Frame	Off-Highway Trucks	1	10.00	300	0.38
21 Install LWS H-Frame	Off-Highway Trucks	1	6.00	400	0.38
21 Install LWS H-Frame	Tractors/Loaders/Backhoes	1	10.00	125	0.37
22 Install Conductor OPGW	Air Compressors	0	5.00	60	0.48
22 Install Conductor OPGW	Graders	0	8.00	187	0.41
22 Install Conductor OPGW	Graders	0	8.00	187	0.41
22 Install Conductor OPGW	Off-Highway Tractors	8	10.00	400	0.44
22 Install Conductor OPGW	Off-Highway Trucks	8	10.00	300	0.38
22 Install Conductor OPGW	Off-Highway Trucks	4	10.00	250	0.38
22 Install Conductor OPGW	Off-Highway Trucks	4	10.00	350	0.38
22 Install Conductor OPGW	Off-Highway Trucks	4	10.00	350	0.38
22 Install Conductor OPGW	Off-Highway Trucks	4	10.00	350	0.38

22 Install Conductor OPGW	Off-Highway Trucks	8	10.00	450	0.38
22 Install Conductor OPGW	Off-Highway Trucks	4	10.00	300	0.38
22 Install Conductor OPGW	Tractors/Loaders/Backhoes	4	10.00	200	0.37
22 Install Conductor OPGW	Tractors/Loaders/Backhoes	0	8.00	97	0.37
22A Install Conductor OPGW	Cranes	0	10.00	350	0.29
22A Install Conductor OPGW	Graders	0	8.00	187	0.41
22A Install Conductor OPGW	Graders	0	8.00	187	0.41
22A Install Conductor OPGW	Off-Highway Trucks	0	6.00	300	0.38
22A Install Conductor OPGW	Off-Highway Trucks	8	10.00	350	0.38
22A Install Conductor OPGW	Off-Highway Trucks	0	7.00	350	0.38
22A Install Conductor OPGW	Tractors/Loaders/Backhoes	0	8.00	97	0.37
22B Install Conductor OPGW	Air Compressors	0	6.00	60	0.48
22B Install Conductor OPGW	Cranes	0	7.00	350	0.29
22B Install Conductor OPGW	Graders	0	8.00	187	0.41
22B Install Conductor OPGW	Graders	0	8.00	187	0.41
22B Install Conductor OPGW	Off-Highway Trucks	0	6.00	300	0.38
22B Install Conductor OPGW	Off-Highway Trucks	0	10.00	350	0.38
22B Install Conductor OPGW	Other Construction Equipment	4	10.00	300	0.42
22B Install Conductor OPGW	Other Construction Equipment	4	10.00	350	0.42
22B Install Conductor OPGW	Tractors/Loaders/Backhoes	0	8.00	97	0.37
22B Install Conductor OPGW	Tractors/Loaders/Backhoes	0	8.00	97	0.37
22C Install Conductor OPGW	Bore/Drill Rigs	0	8.00	210	0.50
22C Install Conductor OPGW	Cranes	0	7.00	350	0.29
22C Install Conductor OPGW	Graders	0	8.00	187	0.41
22C Install Conductor OPGW	Off-Highway Trucks	0	6.00	300	0.38
22C Install Conductor OPGW	Off-Highway Trucks	4	10.00	350	0.38
22C Install Conductor OPGW	Off-Highway Trucks	0	10.00	300	0.38
22C Install Conductor OPGW	Off-Highway Trucks	0	6.00	400	0.38
22C Install Conductor OPGW	Other Construction Equipment	4	10.00	300	0.42
22C Install Conductor OPGW	Tractors/Loaders/Backhoes	0	10.00	125	0.37

22D Install Conductor OPGW	Air Compressors	0	5.00	60	0.48
22D Install Conductor OPGW	Graders	0	8.00	187	0.41
22D Install Conductor OPGW	Off-Highway Trucks	0	5.00	300	0.38
22D Install Conductor OPGW	Off-Highway Trucks	0	7.00	350	0.38
22D Install Conductor OPGW	Off-Highway Trucks	0	7.00	275	0.38
22D Install Conductor OPGW	Off-Highway Trucks	0	2.00	350	0.38
22D Install Conductor OPGW	Off-Highway Trucks	0	10.00	300	0.38
22D Install Conductor OPGW	Off-Highway Trucks	0	5.00	450	0.38
22D Install Conductor OPGW	Tractors/Loaders/Backhoes	4	8.00	125	0.37
23 Install/Remove Guard Structures	Cranes	1	8.00	350	0.29
23 Install/Remove Guard Structures	Graders	0	8.00	187	0.41
23 Install/Remove Guard Structures	Off-Highway Trucks	1	10.00	300	0.38
23 Install/Remove Guard Structures	Off-Highway Trucks	1	10.00	400	0.38
23 Install/Remove Guard Structures	Tractors/Loaders/Backhoes	0	8.00	97	0.37
24 33 kV line realignment	Air Compressors	1	6.00	60	0.48
24 33 kV line realignment	Cranes	1	8.00	350	0.29
24 33 kV line realignment	Graders	0	8.00	187	0.41
24 33 kV line realignment	Off-Highway Trucks	2	10.00	300	0.38
24 33 kV line realignment	Off-Highway Trucks	1	10.00	350	0.38
24 33 kV line realignment	Tractors/Loaders/Backhoes	0	8.00	97	0.37
25 Telecommunications Underground Infrastructure Installation	Air Compressors	0	8.00	210	0.50
25 Telecommunications Underground Infrastructure Installation	Air Compressors	1	4.00	60	0.48
25 Telecommunications Underground Infrastructure Installation	Cranes	0	7.00	350	0.29
25 Telecommunications Underground Infrastructure Installation	Graders	0	8.00	187	0.41
25 Telecommunications Underground Infrastructure Installation	Off-Highway Trucks	2	6.00	350	0.38
25 Telecommunications Underground Infrastructure Installation	Off-Highway Trucks	1	6.00	300	0.38
25 Telecommunications Underground Infrastructure Installation	Off-Highway Trucks	1	8.00	275	0.38
25 Telecommunications Underground Infrastructure Installation	Off-Highway Trucks	2	4.00	300	0.38
25 Telecommunications Underground Infrastructure Installation	Off-Highway Trucks	3	2.00	350	0.38
25 Telecommunications Underground Infrastructure Installation	Off-Highway Trucks	2	4.00	450	0.38

25 Telecommunications Underground Infrastructure Installation	Tractors/Loaders/Backhoes	1	6.00	125	0.37
26 Telecommunications Pole Haul	Cranes	0	4.00	231	0.29
26 Telecommunications Pole Haul	Forklifts	0	6.00	89	0.20
26 Telecommunications Pole Haul	Graders	0	8.00	187	0.41
26 Telecommunications Pole Haul	Off-Highway Trucks	1	10.00	300	0.38
26 Telecommunications Pole Haul	Off-Highway Trucks	2	8.00	350	0.38
26 Telecommunications Pole Haul	Off-Highway Trucks	2	10.00	400	0.38
26 Telecommunications Pole Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
26 Telecommunications Pole Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
27 Telecommunications Pole Assembly	Air Compressors	1	6.00	60	0.48
27 Telecommunications Pole Assembly	Cranes	1	8.00	350	0.29
27 Telecommunications Pole Assembly	Forklifts	0	6.00	89	0.20
27 Telecommunications Pole Assembly	Graders	0	8.00	187	0.41
27 Telecommunications Pole Assembly	Off-Highway Trucks	2	6.00	275	0.38
27 Telecommunications Pole Assembly	Off-Highway Trucks	2	10.00	300	0.38
27 Telecommunications Pole Assembly	Off-Highway Trucks	1	10.00	350	0.38
27 Telecommunications Pole Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
28 Telecommunications Pole Installation, Independence Tap and Crossings	Air Compressors	0	5.00	60	0.48
28 Telecommunications Pole Installation, Independence Tap and Crossings	Bore/Drill Rigs	0	8.00	210	0.50
28 Telecommunications Pole Installation, Independence Tap and Crossings	Graders	0	8.00	187	0.41
28 Telecommunications Pole Installation, Independence Tap and Crossings	Graders	0	8.00	187	0.41
28 Telecommunications Pole Installation, Independence Tap and Crossings	Graders	0	8.00	187	0.41
28 Telecommunications Pole Installation, Independence Tap and Crossings	Off-Highway Trucks	1	6.00	300	0.38
28 Telecommunications Pole Installation, Independence Tap and Crossings	Off-Highway Trucks	1	10.00	350	0.38
28 Telecommunications Pole Installation, Independence Tap and Crossings	Off-Highway Trucks	1	7.00	350	0.38
28 Telecommunications Pole Installation, Independence Tap and Crossings	Off-Highway Trucks	1	8.00	210	0.38
28 Telecommunications Pole Installation, Independence Tap and Crossings	Off-Highway Trucks	1	10.00	300	0.38
28 Telecommunications Pole Installation, Independence Tap and Crossings	Off-Highway Trucks	1	6.00	400	0.38
28 Telecommunications Pole Installation, Independence Tap and Crossings	Tractors/Loaders/Backhoes	1	10.00	125	0.37
29 Restoration	Graders	2	6.00	250	0.41

29 Restoration	Graders	1	6.00	250	0.41
29 Restoration	Off-Highway Trucks	2	4.00	300	0.38
29 Restoration	Off-Highway Trucks	1	8.00	300	0.38
29 Restoration	Off-Highway Trucks	1	4.00	450	0.38
29 Restoration	Rollers	1	4.00	100	0.38
29 Restoration	Tractors/Loaders/Backhoes	1	4.00	125	0.37

### **Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
01 Survey	2	8.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
02 Staging Yard	7	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
03 Road Work	16	12.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
04 West Crossing Installation	10	12.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
05 Install TSP Foundations	16	40.00	40.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
05A Install TSP Foundations	12	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
06 TSP Haul	4	10.00	16.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
07 TSP Assembly	10	20.00	24.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
08 TSP Erection	10	20.00	12.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
09 Install TSP Foundation MP	14	20.00	40.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
10 TSP Haul MP	4	10.00	16.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
11 TSP Assembly MP	5	10.00	12.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
12 TSP Erection MP	4	10.00	6.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
13 Existing Pole Removal	5	10.00	0.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
14 Existing H-Frame Removal	25	50.00	0.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
15 Existing Lattice Structure/TSP	70	50.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
15A Existing Lattice Structure/TSP	90	0.00	0.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
16 LWS Pole Haul	12	10.00	10.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
17 LWS Pole Assembly	20	10.00	12.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT

18 Install LWS Pole	28	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	MHDT	HHDT
19 LWS H-Frame Haul	3	10.00	10.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
20 LWS H-Frame Assembly	5	10.00	12.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
21 Install LWS H-Frame	7	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
22 Install Conductor OPGW	48	160.00	48.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
22A Install Conductor OPGW	8	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
22A Install Conductor OPGW	8	0.00	0.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
22B Install Conductor OPGW	8	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
22C Install Conductor OPGW	8	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
22D Install Conductor OPGW	4	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
23 Install/Remove Guard Structures	3	10.00	16.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
24 33 kV line realignment	5	10.00	0.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
25 Telecommunications	13	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
26 Telecommunications	5	12.00	16.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
27 Telecommunications Pole Assembly	7	10.00	12.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
28 Telecommunications	7	10.00	0.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
29 Restoration	9	14.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

### 3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

### 3.2 01 Survey - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1622	1.4091	0.9650	3.5400e-003		0.0517	0.0517		0.0476	0.0476	0.0000	310.5213	310.5213	0.1004	0.0000	313.0320
<b>Total</b>	<b>0.1622</b>	<b>1.4091</b>	<b>0.9650</b>	<b>3.5400e-003</b>	<b>0.0000</b>	<b>0.0517</b>	<b>0.0517</b>	<b>0.0000</b>	<b>0.0476</b>	<b>0.0476</b>	<b>0.0000</b>	<b>310.5213</b>	<b>310.5213</b>	<b>0.1004</b>	<b>0.0000</b>	<b>313.0320</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.8300e-003	6.8900e-003	0.0603	1.4000e-004	0.0142	1.0000e-004	0.0143	3.7700e-003	1.0000e-004	3.8700e-003	0.0000	12.2358	12.2358	4.9000e-004	0.0000	12.2482
<b>Total</b>	<b>9.8300e-003</b>	<b>6.8900e-003</b>	<b>0.0603</b>	<b>1.4000e-004</b>	<b>0.0142</b>	<b>1.0000e-004</b>	<b>0.0143</b>	<b>3.7700e-003</b>	<b>1.0000e-004</b>	<b>3.8700e-003</b>	<b>0.0000</b>	<b>12.2358</b>	<b>12.2358</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>12.2482</b>

**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	0.1622	1.4091	0.9650	3.5400e-003		0.0517	0.0517		0.0476	0.0476	0.0000	310.5209	310.5209	0.1004	0.0000	313.0317
<b>Total</b>	<b>0.1622</b>	<b>1.4091</b>	<b>0.9650</b>	<b>3.5400e-003</b>	<b>0.0000</b>	<b>0.0517</b>	<b>0.0517</b>	<b>0.0000</b>	<b>0.0476</b>	<b>0.0476</b>	<b>0.0000</b>	<b>310.5209</b>	<b>310.5209</b>	<b>0.1004</b>	<b>0.0000</b>	<b>313.0317</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.8300e-003	6.8900e-003	0.0603	1.4000e-004	0.0142	1.0000e-004	0.0143	3.7700e-003	1.0000e-004	3.8700e-003	0.0000	12.2358	12.2358	4.9000e-004	0.0000	12.2482
<b>Total</b>	<b>9.8300e-003</b>	<b>6.8900e-003</b>	<b>0.0603</b>	<b>1.4000e-004</b>	<b>0.0142</b>	<b>1.0000e-004</b>	<b>0.0143</b>	<b>3.7700e-003</b>	<b>1.0000e-004</b>	<b>3.8700e-003</b>	<b>0.0000</b>	<b>12.2358</b>	<b>12.2358</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>12.2482</b>

**3.2 01 Survey - 2022**

**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	0.0350	0.2658	0.2225	8.8000e-004		9.6700e-003	9.6700e-003		8.8900e-003	8.8900e-003	0.0000	76.8466	76.8466	0.0249	0.0000	77.4680
<b>Total</b>	<b>0.0350</b>	<b>0.2658</b>	<b>0.2225</b>	<b>8.8000e-004</b>	<b>0.0000</b>	<b>9.6700e-003</b>	<b>9.6700e-003</b>	<b>0.0000</b>	<b>8.8900e-003</b>	<b>8.8900e-003</b>	<b>0.0000</b>	<b>76.8466</b>	<b>76.8466</b>	<b>0.0249</b>	<b>0.0000</b>	<b>77.4680</b>

**Unmitigated Construction Off-Site**



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	2.2800e-003	1.5200e-003	0.0133	3.0000e-005	3.5100e-003	2.0000e-005	3.5400e-003	9.3000e-004	2.0000e-005	9.6000e-004	0.0000	2.9191	2.9191	1.1000e-004	0.0000	2.9218
<b>Total</b>	<b>2.2800e-003</b>	<b>1.5200e-003</b>	<b>0.0133</b>	<b>3.0000e-005</b>	<b>3.5100e-003</b>	<b>2.0000e-005</b>	<b>3.5400e-003</b>	<b>9.3000e-004</b>	<b>2.0000e-005</b>	<b>9.6000e-004</b>	<b>0.0000</b>	<b>2.9191</b>	<b>2.9191</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>2.9218</b>

### 3.3 02 Staging Yard - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1803	0.0000	0.1803	0.0195	0.0000	0.0195	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3837	3.4850	2.3909	8.0400e-003		0.1308	0.1308		0.1204	0.1204	0.0000	706.3794	706.3794	0.2285	0.0000	712.0908
<b>Total</b>	<b>0.3837</b>	<b>3.4850</b>	<b>2.3909</b>	<b>8.0400e-003</b>	<b>0.1803</b>	<b>0.1308</b>	<b>0.3111</b>	<b>0.0195</b>	<b>0.1204</b>	<b>0.1398</b>	<b>0.0000</b>	<b>706.3794</b>	<b>706.3794</b>	<b>0.2285</b>	<b>0.0000</b>	<b>712.0908</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0123	8.6100e-003	0.0754	1.7000e-004	0.0177	1.3000e-004	0.0179	4.7200e-003	1.2000e-004	4.8300e-003	0.0000	15.2948	15.2948	6.2000e-004	0.0000	15.3102
<b>Total</b>	<b>0.0123</b>	<b>8.6100e-003</b>	<b>0.0754</b>	<b>1.7000e-004</b>	<b>0.0177</b>	<b>1.3000e-004</b>	<b>0.0179</b>	<b>4.7200e-003</b>	<b>1.2000e-004</b>	<b>4.8300e-003</b>	<b>0.0000</b>	<b>15.2948</b>	<b>15.2948</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>15.3102</b>

**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					0.0703	0.0000	0.0703	7.5900e-003	0.0000	7.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3837	3.4850	2.3909	8.0400e-003		0.1308	0.1308		0.1204	0.1204	0.0000	706.3786	706.3786	0.2285	0.0000	712.0900
<b>Total</b>	<b>0.3837</b>	<b>3.4850</b>	<b>2.3909</b>	<b>8.0400e-003</b>	<b>0.0703</b>	<b>0.1308</b>	<b>0.2011</b>	<b>7.5900e-003</b>	<b>0.1204</b>	<b>0.1280</b>	<b>0.0000</b>	<b>706.3786</b>	<b>706.3786</b>	<b>0.2285</b>	<b>0.0000</b>	<b>712.0900</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0123	8.6100e-003	0.0754	1.7000e-004	0.0177	1.3000e-004	0.0179	4.7200e-003	1.2000e-004	4.8300e-003	0.0000	15.2948	15.2948	6.2000e-004	0.0000	15.3102
<b>Total</b>	<b>0.0123</b>	<b>8.6100e-003</b>	<b>0.0754</b>	<b>1.7000e-004</b>	<b>0.0177</b>	<b>1.3000e-004</b>	<b>0.0179</b>	<b>4.7200e-003</b>	<b>1.2000e-004</b>	<b>4.8300e-003</b>	<b>0.0000</b>	<b>15.2948</b>	<b>15.2948</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>15.3102</b>

**3.3 02 Staging Yard - 2022**

**Unmitigated Construction On-Site**



Off-Road	0.3668	2.9738	2.3978	8.7800e-003		0.1108	0.1108		0.1019	0.1019	0.0000	770.5601	770.5601	0.2492	0.0000	776.7904
<b>Total</b>	<b>0.3668</b>	<b>2.9738</b>	<b>2.3978</b>	<b>8.7800e-003</b>	<b>0.0703</b>	<b>0.1108</b>	<b>0.1811</b>	<b>7.5900e-003</b>	<b>0.1019</b>	<b>0.1095</b>	<b>0.0000</b>	<b>770.5601</b>	<b>770.5601</b>	<b>0.2492</b>	<b>0.0000</b>	<b>776.7904</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0126	8.3600e-003	0.0735	1.8000e-004	0.0194	1.4000e-004	0.0195	5.1400e-003	1.2000e-004	5.2700e-003	0.0000	16.0860	16.0860	5.9000e-004	0.0000	16.1008
<b>Total</b>	<b>0.0126</b>	<b>8.3600e-003</b>	<b>0.0735</b>	<b>1.8000e-004</b>	<b>0.0194</b>	<b>1.4000e-004</b>	<b>0.0195</b>	<b>5.1400e-003</b>	<b>1.2000e-004</b>	<b>5.2700e-003</b>	<b>0.0000</b>	<b>16.0860</b>	<b>16.0860</b>	<b>5.9000e-004</b>	<b>0.0000</b>	<b>16.1008</b>

**3.3 02 Staging Yard - 2023**

**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					0.1803	0.0000	0.1803	0.0195	0.0000	0.0195	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3464	2.6264	2.3157	8.7500e-003		0.0973	0.0973		0.0896	0.0896	0.0000	768.5702	768.5702	0.2486	0.0000	774.7845
<b>Total</b>	<b>0.3464</b>	<b>2.6264</b>	<b>2.3157</b>	<b>8.7500e-003</b>	<b>0.1803</b>	<b>0.0973</b>	<b>0.2776</b>	<b>0.0195</b>	<b>0.0896</b>	<b>0.1090</b>	<b>0.0000</b>	<b>768.5702</b>	<b>768.5702</b>	<b>0.2486</b>	<b>0.0000</b>	<b>774.7845</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0117	7.4200e-003	0.0654	1.7000e-004	0.0193	1.3000e-004	0.0194	5.1300e-003	1.2000e-004	5.2500e-003	0.0000	15.4381	15.4381	5.2000e-004	0.0000	15.4511
<b>Total</b>	<b>0.0117</b>	<b>7.4200e-003</b>	<b>0.0654</b>	<b>1.7000e-004</b>	<b>0.0193</b>	<b>1.3000e-004</b>	<b>0.0194</b>	<b>5.1300e-003</b>	<b>1.2000e-004</b>	<b>5.2500e-003</b>	<b>0.0000</b>	<b>15.4381</b>	<b>15.4381</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>15.4511</b>

**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					0.0703	0.0000	0.0703	7.5900e-003	0.0000	7.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3464	2.6264	2.3157	8.7500e-003		0.0973	0.0973		0.0896	0.0896	0.0000	768.5693	768.5693	0.2486	0.0000	774.7835
<b>Total</b>	<b>0.3464</b>	<b>2.6264</b>	<b>2.3157</b>	<b>8.7500e-003</b>	<b>0.0703</b>	<b>0.0973</b>	<b>0.1677</b>	<b>7.5900e-003</b>	<b>0.0896</b>	<b>0.0971</b>	<b>0.0000</b>	<b>768.5693</b>	<b>768.5693</b>	<b>0.2486</b>	<b>0.0000</b>	<b>774.7835</b>

**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
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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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0117	7.4200e-003	0.0654	1.7000e-004	0.0193	1.3000e-004	0.0194	5.1300e-003	1.2000e-004	5.2500e-003	0.0000	15.4381	15.4381	5.2000e-004	0.0000	15.4511
<b>Total</b>	<b>0.0117</b>	<b>7.4200e-003</b>	<b>0.0654</b>	<b>1.7000e-004</b>	<b>0.0193</b>	<b>1.3000e-004</b>	<b>0.0194</b>	<b>5.1300e-003</b>	<b>1.2000e-004</b>	<b>5.2500e-003</b>	<b>0.0000</b>	<b>15.4381</b>	<b>15.4381</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>15.4511</b>

### 3.3 02 Staging Yard - 2024

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1803	0.0000	0.1803	0.0195	0.0000	0.0195	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2002	1.4450	1.3381	5.1400e-003		0.0533	0.0533		0.0491	0.0491	0.0000	450.9108	450.9108	0.1458	0.0000	454.5566
<b>Total</b>	<b>0.2002</b>	<b>1.4450</b>	<b>1.3381</b>	<b>5.1400e-003</b>	<b>0.1803</b>	<b>0.0533</b>	<b>0.2336</b>	<b>0.0195</b>	<b>0.0491</b>	<b>0.0685</b>	<b>0.0000</b>	<b>450.9108</b>	<b>450.9108</b>	<b>0.1458</b>	<b>0.0000</b>	<b>454.5566</b>

#### 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	6.4400e-003	3.9000e-003	0.0349	1.0000e-004	0.0113	7.0000e-005	0.0114	3.0100e-003	7.0000e-005	3.0700e-003	0.0000	8.7071	8.7071	2.7000e-004	0.0000	8.7139
<b>Total</b>	<b>6.4400e-003</b>	<b>3.9000e-003</b>	<b>0.0349</b>	<b>1.0000e-004</b>	<b>0.0113</b>	<b>7.0000e-005</b>	<b>0.0114</b>	<b>3.0100e-003</b>	<b>7.0000e-005</b>	<b>3.0700e-003</b>	<b>0.0000</b>	<b>8.7071</b>	<b>8.7071</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>8.7139</b>

**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					0.0703	0.0000	0.0703	7.5900e-003	0.0000	7.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2002	1.4450	1.3381	5.1400e-003		0.0533	0.0533		0.0491	0.0491	0.0000	450.9102	450.9102	0.1458	0.0000	454.5561
<b>Total</b>	<b>0.2002</b>	<b>1.4450</b>	<b>1.3381</b>	<b>5.1400e-003</b>	<b>0.0703</b>	<b>0.0533</b>	<b>0.1236</b>	<b>7.5900e-003</b>	<b>0.0491</b>	<b>0.0567</b>	<b>0.0000</b>	<b>450.9102</b>	<b>450.9102</b>	<b>0.1458</b>	<b>0.0000</b>	<b>454.5561</b>

**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	6.4400e-003	3.9000e-003	0.0349	1.0000e-004	0.0113	7.0000e-005	0.0114	3.0100e-003	7.0000e-005	3.0700e-003	0.0000	8.7071	8.7071	2.7000e-004	0.0000	8.7139
<b>Total</b>	<b>6.4400e-003</b>	<b>3.9000e-003</b>	<b>0.0349</b>	<b>1.0000e-004</b>	<b>0.0113</b>	<b>7.0000e-005</b>	<b>0.0114</b>	<b>3.0100e-003</b>	<b>7.0000e-005</b>	<b>3.0700e-003</b>	<b>0.0000</b>	<b>8.7071</b>	<b>8.7071</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>8.7139</b>

**3.4 03 Road Work - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2740	0.0000	0.2740	0.1506	0.0000	0.1506	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1879	1.8140	1.2588	3.5600e-003		0.0711	0.0711		0.0654	0.0654	0.0000	312.5395	312.5395	0.1011	0.0000	315.0665
<b>Total</b>	<b>0.1879</b>	<b>1.8140</b>	<b>1.2588</b>	<b>3.5600e-003</b>	<b>0.2740</b>	<b>0.0711</b>	<b>0.3451</b>	<b>0.1506</b>	<b>0.0654</b>	<b>0.2161</b>	<b>0.0000</b>	<b>312.5395</b>	<b>312.5395</b>	<b>0.1011</b>	<b>0.0000</b>	<b>315.0665</b>

**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	2.6700e-003	1.8700e-003	0.0164	4.0000e-005	3.8600e-003	3.0000e-005	3.8900e-003	1.0300e-003	3.0000e-005	1.0500e-003	0.0000	3.3254	3.3254	1.3000e-004	0.0000	3.3288
<b>Total</b>	<b>2.6700e-003</b>	<b>1.8700e-003</b>	<b>0.0164</b>	<b>4.0000e-005</b>	<b>3.8600e-003</b>	<b>3.0000e-005</b>	<b>3.8900e-003</b>	<b>1.0300e-003</b>	<b>3.0000e-005</b>	<b>1.0500e-003</b>	<b>0.0000</b>	<b>3.3254</b>	<b>3.3254</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>3.3288</b>

**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
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Category	tons/yr										MT/yr					
Fugitive Dust					0.1069	0.0000	0.1069	0.0587	0.0000	0.0587	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1879	1.8140	1.2588	3.5600e-003		0.0711	0.0711		0.0654	0.0654	0.0000	312.5391	312.5391	0.1011	0.0000	315.0661
<b>Total</b>	<b>0.1879</b>	<b>1.8140</b>	<b>1.2588</b>	<b>3.5600e-003</b>	<b>0.1069</b>	<b>0.0711</b>	<b>0.1780</b>	<b>0.0587</b>	<b>0.0654</b>	<b>0.1242</b>	<b>0.0000</b>	<b>312.5391</b>	<b>312.5391</b>	<b>0.1011</b>	<b>0.0000</b>	<b>315.0661</b>

**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	2.6700e-003	1.8700e-003	0.0164	4.0000e-005	3.8600e-003	3.0000e-005	3.8900e-003	1.0300e-003	3.0000e-005	1.0500e-003	0.0000	3.3254	3.3254	1.3000e-004	0.0000	3.3288
<b>Total</b>	<b>2.6700e-003</b>	<b>1.8700e-003</b>	<b>0.0164</b>	<b>4.0000e-005</b>	<b>3.8600e-003</b>	<b>3.0000e-005</b>	<b>3.8900e-003</b>	<b>1.0300e-003</b>	<b>3.0000e-005</b>	<b>1.0500e-003</b>	<b>0.0000</b>	<b>3.3254</b>	<b>3.3254</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>3.3288</b>

**3.5 04 West Crossing Installation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1481	1.3235	0.9633	3.3900e-003		0.0479	0.0479		0.0440	0.0440	0.0000	297.6802	297.6802	0.0963	0.0000	300.0871

<b>Total</b>	<b>0.1481</b>	<b>1.3235</b>	<b>0.9633</b>	<b>3.3900e-003</b>	<b>0.0000</b>	<b>0.0479</b>	<b>0.0479</b>	<b>0.0000</b>	<b>0.0440</b>	<b>0.0440</b>	<b>0.0000</b>	<b>297.6802</b>	<b>297.6802</b>	<b>0.0963</b>	<b>0.0000</b>	<b>300.0871</b>
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**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	4.1100e-003	2.8800e-003	0.0252	6.0000e-005	5.9300e-003	4.0000e-005	5.9800e-003	1.5800e-003	4.0000e-005	1.6200e-003	0.0000	5.1160	5.1160	2.1000e-004	0.0000	5.1212
<b>Total</b>	<b>4.1100e-003</b>	<b>2.8800e-003</b>	<b>0.0252</b>	<b>6.0000e-005</b>	<b>5.9300e-003</b>	<b>4.0000e-005</b>	<b>5.9800e-003</b>	<b>1.5800e-003</b>	<b>4.0000e-005</b>	<b>1.6200e-003</b>	<b>0.0000</b>	<b>5.1160</b>	<b>5.1160</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>5.1212</b>

**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	0.1481	1.3235	0.9633	3.3900e-003		0.0479	0.0479		0.0440	0.0440	0.0000	297.6799	297.6799	0.0963	0.0000	300.0867
<b>Total</b>	<b>0.1481</b>	<b>1.3235</b>	<b>0.9633</b>	<b>3.3900e-003</b>	<b>0.0000</b>	<b>0.0479</b>	<b>0.0479</b>	<b>0.0000</b>	<b>0.0440</b>	<b>0.0440</b>	<b>0.0000</b>	<b>297.6799</b>	<b>297.6799</b>	<b>0.0963</b>	<b>0.0000</b>	<b>300.0867</b>

**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	4.1100e-003	2.8800e-003	0.0252	6.0000e-005	5.9300e-003	4.0000e-005	5.9800e-003	1.5800e-003	4.0000e-005	1.6200e-003	0.0000	5.1160	5.1160	2.1000e-004	0.0000	5.1212
<b>Total</b>	<b>4.1100e-003</b>	<b>2.8800e-003</b>	<b>0.0252</b>	<b>6.0000e-005</b>	<b>5.9300e-003</b>	<b>4.0000e-005</b>	<b>5.9800e-003</b>	<b>1.5800e-003</b>	<b>4.0000e-005</b>	<b>1.6200e-003</b>	<b>0.0000</b>	<b>5.1160</b>	<b>5.1160</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>5.1212</b>

### 3.6 05 Install TSP Foundations - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1893	0.0000	0.1893	0.0204	0.0000	0.0204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0658	10.3984	6.8349	0.0223		0.3854	0.3854		0.3545	0.3545	0.0000	1,953.9689	1,953.9689	0.6320	0.0000	1,969.7678
<b>Total</b>	<b>1.0658</b>	<b>10.3984</b>	<b>6.8349</b>	<b>0.0223</b>	<b>0.1893</b>	<b>0.3854</b>	<b>0.5747</b>	<b>0.0204</b>	<b>0.3545</b>	<b>0.3750</b>	<b>0.0000</b>	<b>1,953.9689</b>	<b>1,953.9689</b>	<b>0.6320</b>	<b>0.0000</b>	<b>1,969.7678</b>

#### 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
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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
Vendor	0.0377	0.3199	0.2776	1.3500e-003	0.0479	1.6600e-003	0.0495	0.0144	1.5900e-003	0.0160	0.0000	126.1715	126.1715	2.8400e-003	0.0000	126.2426
Worker	0.0430	0.0301	0.2637	5.9000e-004	0.0621	4.5000e-004	0.0625	0.0165	4.2000e-004	0.0169	0.0000	53.5051	53.5051	2.1600e-003	0.0000	53.5592
<b>Total</b>	<b>0.0807</b>	<b>0.3500</b>	<b>0.5413</b>	<b>1.9400e-003</b>	<b>0.1099</b>	<b>2.1100e-003</b>	<b>0.1120</b>	<b>0.0309</b>	<b>2.0100e-003</b>	<b>0.0329</b>	<b>0.0000</b>	<b>179.6766</b>	<b>179.6766</b>	<b>5.0000e-003</b>	<b>0.0000</b>	<b>179.8017</b>

**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					0.0738	0.0000	0.0738	7.9700e-003	0.0000	7.9700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0658	10.3984	6.8349	0.0223		0.3854	0.3854		0.3545	0.3545	0.0000	1,953.9666	1,953.9666	0.6320	0.0000	1,969.7654
<b>Total</b>	<b>1.0658</b>	<b>10.3984</b>	<b>6.8349</b>	<b>0.0223</b>	<b>0.0738</b>	<b>0.3854</b>	<b>0.4592</b>	<b>7.9700e-003</b>	<b>0.3545</b>	<b>0.3625</b>	<b>0.0000</b>	<b>1,953.9666</b>	<b>1,953.9666</b>	<b>0.6320</b>	<b>0.0000</b>	<b>1,969.7654</b>

**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	0.0377	0.3199	0.2776	1.3500e-003	0.0479	1.6600e-003	0.0495	0.0144	1.5900e-003	0.0160	0.0000	126.1715	126.1715	2.8400e-003	0.0000	126.2426

Worker	0.0430	0.0301	0.2637	5.9000e-004	0.0621	4.5000e-004	0.0625	0.0165	4.2000e-004	0.0169	0.0000	53.5051	53.5051	2.1600e-003	0.0000	53.5592
<b>Total</b>	<b>0.0807</b>	<b>0.3500</b>	<b>0.5413</b>	<b>1.9400e-003</b>	<b>0.1099</b>	<b>2.1100e-003</b>	<b>0.1120</b>	<b>0.0309</b>	<b>2.0100e-003</b>	<b>0.0329</b>	<b>0.0000</b>	<b>179.6766</b>	<b>179.6766</b>	<b>5.0000e-003</b>	<b>0.0000</b>	<b>179.8017</b>

### 3.6 05 Install TSP Foundations - 2022

#### 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					0.1893	0.0000	0.1893	0.0204	0.0000	0.0204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6635	5.8519	4.5112	0.0158		0.2174	0.2174		0.2000	0.2000	0.0000	1,385.6331	1,385.6331	0.4481	0.0000	1,396.8366
<b>Total</b>	<b>0.6635</b>	<b>5.8519</b>	<b>4.5112</b>	<b>0.0158</b>	<b>0.1893</b>	<b>0.2174</b>	<b>0.4067</b>	<b>0.0204</b>	<b>0.2000</b>	<b>0.2205</b>	<b>0.0000</b>	<b>1,385.6331</b>	<b>1,385.6331</b>	<b>0.4481</b>	<b>0.0000</b>	<b>1,396.8366</b>

#### 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	0.0241	0.2174	0.1706	9.5000e-004	0.0340	1.0500e-003	0.0350	0.0102	1.0100e-003	0.0112	0.0000	89.1085	89.1085	1.7300e-003	0.0000	89.1517
Worker	0.0286	0.0190	0.1673	4.1000e-004	0.0440	3.1000e-004	0.0443	0.0117	2.8000e-004	0.0120	0.0000	36.5917	36.5917	1.3500e-003	0.0000	36.6254
<b>Total</b>	<b>0.0526</b>	<b>0.2364</b>	<b>0.3379</b>	<b>1.3600e-003</b>	<b>0.0780</b>	<b>1.3600e-003</b>	<b>0.0793</b>	<b>0.0219</b>	<b>1.2900e-003</b>	<b>0.0232</b>	<b>0.0000</b>	<b>125.7002</b>	<b>125.7002</b>	<b>3.0800e-003</b>	<b>0.0000</b>	<b>125.7772</b>

**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					0.0738	0.0000	0.0738	7.9700e-003	0.0000	7.9700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6635	5.8519	4.5112	0.0158		0.2174	0.2174		0.2000	0.2000	0.0000	1,385.6315	1,385.6315	0.4481	0.0000	1,396.8350
<b>Total</b>	<b>0.6635</b>	<b>5.8519</b>	<b>4.5112</b>	<b>0.0158</b>	<b>0.0738</b>	<b>0.2174</b>	<b>0.2913</b>	<b>7.9700e-003</b>	<b>0.2000</b>	<b>0.2080</b>	<b>0.0000</b>	<b>1,385.6315</b>	<b>1,385.6315</b>	<b>0.4481</b>	<b>0.0000</b>	<b>1,396.8350</b>

**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	0.0241	0.2174	0.1706	9.5000e-004	0.0340	1.0500e-003	0.0350	0.0102	1.0100e-003	0.0112	0.0000	89.1085	89.1085	1.7300e-003	0.0000	89.1517
Worker	0.0286	0.0190	0.1673	4.1000e-004	0.0440	3.1000e-004	0.0443	0.0117	2.8000e-004	0.0120	0.0000	36.5917	36.5917	1.3500e-003	0.0000	36.6254
<b>Total</b>	<b>0.0526</b>	<b>0.2364</b>	<b>0.3379</b>	<b>1.3600e-003</b>	<b>0.0780</b>	<b>1.3600e-003</b>	<b>0.0793</b>	<b>0.0219</b>	<b>1.2900e-003</b>	<b>0.0232</b>	<b>0.0000</b>	<b>125.7002</b>	<b>125.7002</b>	<b>3.0800e-003</b>	<b>0.0000</b>	<b>125.7772</b>

**3.7 05A Install TSP Foundations - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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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	0.8061	7.5675	5.6771	0.0240		0.2667	0.2667		0.2454	0.2454	0.0000	2,102.5786	2,102.5786	0.6800	0.0000	2,119.5791
<b>Total</b>	<b>0.8061</b>	<b>7.5675</b>	<b>5.6771</b>	<b>0.0240</b>	<b>0.0000</b>	<b>0.2667</b>	<b>0.2667</b>	<b>0.0000</b>	<b>0.2454</b>	<b>0.2454</b>	<b>0.0000</b>	<b>2,102.5786</b>	<b>2,102.5786</b>	<b>0.6800</b>	<b>0.0000</b>	<b>2,119.5791</b>

**Unmitigated Construction Off-Site**

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

**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	0.8061	7.5675	5.6771	0.0240		0.2667	0.2667		0.2454	0.2454	0.0000	2,102.5761	2,102.5761	0.6800	0.0000	2,119.5765

<b>Total</b>	<b>0.8061</b>	<b>7.5675</b>	<b>5.6771</b>	<b>0.0240</b>	<b>0.0000</b>	<b>0.2667</b>	<b>0.2667</b>	<b>0.0000</b>	<b>0.2454</b>	<b>0.2454</b>	<b>0.0000</b>	<b>2,102.5761</b>	<b>2,102.5761</b>	<b>0.6800</b>	<b>0.0000</b>	<b>2,119.5765</b>
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**Mitigated Construction Off-Site**

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

**3.7 05A Install TSP Foundations - 2022**

**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	0.1803	1.5209	1.3671	5.9900e-003		0.0536	0.0536		0.0493	0.0493	0.0000	526.1699	526.1699	0.1702	0.0000	530.4242
<b>Total</b>	<b>0.1803</b>	<b>1.5209</b>	<b>1.3671</b>	<b>5.9900e-003</b>	<b>0.0000</b>	<b>0.0536</b>	<b>0.0536</b>	<b>0.0000</b>	<b>0.0493</b>	<b>0.0493</b>	<b>0.0000</b>	<b>526.1699</b>	<b>526.1699</b>	<b>0.1702</b>	<b>0.0000</b>	<b>530.4242</b>

**Unmitigated Construction Off-Site**

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

**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	0.1803	1.5209	1.3671	5.9900e-003		0.0536	0.0536		0.0493	0.0493	0.0000	526.1692	526.1692	0.1702	0.0000	530.4236
<b>Total</b>	<b>0.1803</b>	<b>1.5209</b>	<b>1.3671</b>	<b>5.9900e-003</b>	<b>0.0000</b>	<b>0.0536</b>	<b>0.0536</b>	<b>0.0000</b>	<b>0.0493</b>	<b>0.0493</b>	<b>0.0000</b>	<b>526.1692</b>	<b>526.1692</b>	<b>0.1702</b>	<b>0.0000</b>	<b>530.4236</b>

**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
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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### 3.8 06 TSP Haul - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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
Off-Road	0.2898	2.6858	1.8567	6.0200e-003		0.1009	0.1009		0.0928	0.0928	0.0000	528.3372	528.3372	0.1709	0.0000	532.6091
<b>Total</b>	<b>0.2898</b>	<b>2.6858</b>	<b>1.8567</b>	<b>6.0200e-003</b>	<b>0.0000</b>	<b>0.1009</b>	<b>0.1009</b>	<b>0.0000</b>	<b>0.0928</b>	<b>0.0928</b>	<b>0.0000</b>	<b>528.3372</b>	<b>528.3372</b>	<b>0.1709</b>	<b>0.0000</b>	<b>532.6091</b>

#### 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
Vendor	0.0129	0.1096	0.0951	4.6000e-004	0.0164	5.7000e-004	0.0170	4.9400e-003	5.4000e-004	5.4900e-003	0.0000	43.2301	43.2301	9.7000e-004	0.0000	43.2544

Worker	9.2000e-003	6.4500e-003	0.0565	1.3000e-004	0.0133	1.0000e-004	0.0134	3.5300e-003	9.0000e-005	3.6200e-003	0.0000	11.4578	11.4578	4.6000e-004	0.0000	11.4693
<b>Total</b>	<b>0.0221</b>	<b>0.1161</b>	<b>0.1516</b>	<b>5.9000e-004</b>	<b>0.0297</b>	<b>6.7000e-004</b>	<b>0.0304</b>	<b>8.4700e-003</b>	<b>6.3000e-004</b>	<b>9.1100e-003</b>	<b>0.0000</b>	<b>54.6878</b>	<b>54.6878</b>	<b>1.4300e-003</b>	<b>0.0000</b>	<b>54.7238</b>

**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	0.2898	2.6858	1.8567	6.0200e-003		0.1009	0.1009		0.0928	0.0928	0.0000	528.3366	528.3366	0.1709	0.0000	532.6084
<b>Total</b>	<b>0.2898</b>	<b>2.6858</b>	<b>1.8567</b>	<b>6.0200e-003</b>	<b>0.0000</b>	<b>0.1009</b>	<b>0.1009</b>	<b>0.0000</b>	<b>0.0928</b>	<b>0.0928</b>	<b>0.0000</b>	<b>528.3366</b>	<b>528.3366</b>	<b>0.1709</b>	<b>0.0000</b>	<b>532.6084</b>

**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	0.0129	0.1096	0.0951	4.6000e-004	0.0164	5.7000e-004	0.0170	4.9400e-003	5.4000e-004	5.4900e-003	0.0000	43.2301	43.2301	9.7000e-004	0.0000	43.2544
Worker	9.2000e-003	6.4500e-003	0.0565	1.3000e-004	0.0133	1.0000e-004	0.0134	3.5300e-003	9.0000e-005	3.6200e-003	0.0000	11.4578	11.4578	4.6000e-004	0.0000	11.4693
<b>Total</b>	<b>0.0221</b>	<b>0.1161</b>	<b>0.1516</b>	<b>5.9000e-004</b>	<b>0.0297</b>	<b>6.7000e-004</b>	<b>0.0304</b>	<b>8.4700e-003</b>	<b>6.3000e-004</b>	<b>9.1100e-003</b>	<b>0.0000</b>	<b>54.6878</b>	<b>54.6878</b>	<b>1.4300e-003</b>	<b>0.0000</b>	<b>54.7238</b>

**3.9 07 TSP Assembly - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.4410	4.0739	2.9547	8.7600e-003		0.1603	0.1603		0.1488	0.1488	0.0000	767.9597	767.9597	0.2372	0.0000	773.8889
<b>Total</b>	<b>0.4410</b>	<b>4.0739</b>	<b>2.9547</b>	<b>8.7600e-003</b>	<b>0.0000</b>	<b>0.1603</b>	<b>0.1603</b>	<b>0.0000</b>	<b>0.1488</b>	<b>0.1488</b>	<b>0.0000</b>	<b>767.9597</b>	<b>767.9597</b>	<b>0.2372</b>	<b>0.0000</b>	<b>773.8889</b>

**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	0.0202	0.1713	0.1487	7.2000e-004	0.0256	8.9000e-004	0.0265	7.7200e-003	8.5000e-004	8.5700e-003	0.0000	67.5595	67.5595	1.5200e-003	0.0000	67.5976
Worker	0.0192	0.0134	0.1177	2.6000e-004	0.0277	2.0000e-004	0.0279	7.3600e-003	1.9000e-004	7.5500e-003	0.0000	23.8748	23.8748	9.6000e-004	0.0000	23.8989
<b>Total</b>	<b>0.0394</b>	<b>0.1848</b>	<b>0.2663</b>	<b>9.8000e-004</b>	<b>0.0533</b>	<b>1.0900e-003</b>	<b>0.0544</b>	<b>0.0151</b>	<b>1.0400e-003</b>	<b>0.0161</b>	<b>0.0000</b>	<b>91.4343</b>	<b>91.4343</b>	<b>2.4800e-003</b>	<b>0.0000</b>	<b>91.4965</b>

**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
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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	0.4410	4.0738	2.9547	8.7600e-003		0.1603	0.1603		0.1488	0.1488	0.0000	767.9588	767.9588	0.2372	0.0000	773.8879
<b>Total</b>	<b>0.4410</b>	<b>4.0738</b>	<b>2.9547</b>	<b>8.7600e-003</b>	<b>0.0000</b>	<b>0.1603</b>	<b>0.1603</b>	<b>0.0000</b>	<b>0.1488</b>	<b>0.1488</b>	<b>0.0000</b>	<b>767.9588</b>	<b>767.9588</b>	<b>0.2372</b>	<b>0.0000</b>	<b>773.8879</b>

**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	0.0202	0.1713	0.1487	7.2000e-004	0.0256	8.9000e-004	0.0265	7.7200e-003	8.5000e-004	8.5700e-003	0.0000	67.5595	67.5595	1.5200e-003	0.0000	67.5976
Worker	0.0192	0.0134	0.1177	2.6000e-004	0.0277	2.0000e-004	0.0279	7.3600e-003	1.9000e-004	7.5500e-003	0.0000	23.8748	23.8748	9.6000e-004	0.0000	23.8989
<b>Total</b>	<b>0.0394</b>	<b>0.1848</b>	<b>0.2663</b>	<b>9.8000e-004</b>	<b>0.0533</b>	<b>1.0900e-003</b>	<b>0.0544</b>	<b>0.0151</b>	<b>1.0400e-003</b>	<b>0.0161</b>	<b>0.0000</b>	<b>91.4343</b>	<b>91.4343</b>	<b>2.4800e-003</b>	<b>0.0000</b>	<b>91.4965</b>

**3.9 07 TSP Assembly - 2022**

**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	0.3465	2.8954	2.4550	7.8200e-003		0.1138	0.1138		0.1057	0.1057	0.0000	685.7855	685.7855	0.2117	0.0000	691.0767

<b>Total</b>	<b>0.3465</b>	<b>2.8954</b>	<b>2.4550</b>	<b>7.8200e-003</b>	<b>0.0000</b>	<b>0.1138</b>	<b>0.1138</b>	<b>0.0000</b>	<b>0.1057</b>	<b>0.1057</b>	<b>0.0000</b>	<b>685.7855</b>	<b>685.7855</b>	<b>0.2117</b>	<b>0.0000</b>	<b>691.0767</b>
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**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	0.0162	0.1465	0.1150	6.4000e-004	0.0229	7.1000e-004	0.0236	6.9000e-003	6.8000e-004	7.5700e-003	0.0000	60.0731	60.0731	1.1700e-003	0.0000	60.1023
Worker	0.0160	0.0107	0.0940	2.3000e-004	0.0247	1.7000e-004	0.0249	6.5700e-003	1.6000e-004	6.7300e-003	0.0000	20.5571	20.5571	7.6000e-004	0.0000	20.5761
<b>Total</b>	<b>0.0323</b>	<b>0.1572</b>	<b>0.2090</b>	<b>8.7000e-004</b>	<b>0.0476</b>	<b>8.8000e-004</b>	<b>0.0485</b>	<b>0.0135</b>	<b>8.4000e-004</b>	<b>0.0143</b>	<b>0.0000</b>	<b>80.6303</b>	<b>80.6303</b>	<b>1.9300e-003</b>	<b>0.0000</b>	<b>80.6784</b>

**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	0.3465	2.8954	2.4550	7.8200e-003		0.1138	0.1138		0.1057	0.1057	0.0000	685.7847	685.7847	0.2117	0.0000	691.0759
<b>Total</b>	<b>0.3465</b>	<b>2.8954</b>	<b>2.4550</b>	<b>7.8200e-003</b>	<b>0.0000</b>	<b>0.1138</b>	<b>0.1138</b>	<b>0.0000</b>	<b>0.1057</b>	<b>0.1057</b>	<b>0.0000</b>	<b>685.7847</b>	<b>685.7847</b>	<b>0.2117</b>	<b>0.0000</b>	<b>691.0759</b>

**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	0.0162	0.1465	0.1150	6.4000e-004	0.0229	7.1000e-004	0.0236	6.9000e-003	6.8000e-004	7.5700e-003	0.0000	60.0731	60.0731	1.1700e-003	0.0000	60.1023
Worker	0.0160	0.0107	0.0940	2.3000e-004	0.0247	1.7000e-004	0.0249	6.5700e-003	1.6000e-004	6.7300e-003	0.0000	20.5571	20.5571	7.6000e-004	0.0000	20.5761
<b>Total</b>	<b>0.0323</b>	<b>0.1572</b>	<b>0.2090</b>	<b>8.7000e-004</b>	<b>0.0476</b>	<b>8.8000e-004</b>	<b>0.0485</b>	<b>0.0135</b>	<b>8.4000e-004</b>	<b>0.0143</b>	<b>0.0000</b>	<b>80.6303</b>	<b>80.6303</b>	<b>1.9300e-003</b>	<b>0.0000</b>	<b>80.6784</b>

### 3.10 08 TSP Erection - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.4410	4.0739	2.9547	8.7600e-003		0.1603	0.1603		0.1488	0.1488	0.0000	767.9597	767.9597	0.2372	0.0000	773.8889
<b>Total</b>	<b>0.4410</b>	<b>4.0739</b>	<b>2.9547</b>	<b>8.7600e-003</b>	<b>0.0000</b>	<b>0.1603</b>	<b>0.1603</b>	<b>0.0000</b>	<b>0.1488</b>	<b>0.1488</b>	<b>0.0000</b>	<b>767.9597</b>	<b>767.9597</b>	<b>0.2372</b>	<b>0.0000</b>	<b>773.8889</b>

#### 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
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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
Vendor	0.0101	0.0857	0.0743	3.6000e-004	0.0128	4.4000e-004	0.0133	3.8600e-003	4.2000e-004	4.2900e-003	0.0000	33.7798	33.7798	7.6000e-004	0.0000	33.7988
Worker	0.0192	0.0134	0.1177	2.6000e-004	0.0277	2.0000e-004	0.0279	7.3600e-003	1.9000e-004	7.5500e-003	0.0000	23.8748	23.8748	9.6000e-004	0.0000	23.8989
<b>Total</b>	<b>0.0293</b>	<b>0.0991</b>	<b>0.1920</b>	<b>6.2000e-004</b>	<b>0.0405</b>	<b>6.4000e-004</b>	<b>0.0412</b>	<b>0.0112</b>	<b>6.1000e-004</b>	<b>0.0118</b>	<b>0.0000</b>	<b>57.6546</b>	<b>57.6546</b>	<b>1.7200e-003</b>	<b>0.0000</b>	<b>57.6977</b>

**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	0.4410	4.0738	2.9547	8.7600e-003		0.1603	0.1603		0.1488	0.1488	0.0000	767.9588	767.9588	0.2372	0.0000	773.8879
<b>Total</b>	<b>0.4410</b>	<b>4.0738</b>	<b>2.9547</b>	<b>8.7600e-003</b>	<b>0.0000</b>	<b>0.1603</b>	<b>0.1603</b>	<b>0.0000</b>	<b>0.1488</b>	<b>0.1488</b>	<b>0.0000</b>	<b>767.9588</b>	<b>767.9588</b>	<b>0.2372</b>	<b>0.0000</b>	<b>773.8879</b>

**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	0.0101	0.0857	0.0743	3.6000e-004	0.0128	4.4000e-004	0.0133	3.8600e-003	4.2000e-004	4.2900e-003	0.0000	33.7798	33.7798	7.6000e-004	0.0000	33.7988

Worker	0.0192	0.0134	0.1177	2.6000e-004	0.0277	2.0000e-004	0.0279	7.3600e-003	1.9000e-004	7.5500e-003	0.0000	23.8748	23.8748	9.6000e-004	0.0000	23.8989
<b>Total</b>	<b>0.0293</b>	<b>0.0991</b>	<b>0.1920</b>	<b>6.2000e-004</b>	<b>0.0405</b>	<b>6.4000e-004</b>	<b>0.0412</b>	<b>0.0112</b>	<b>6.1000e-004</b>	<b>0.0118</b>	<b>0.0000</b>	<b>57.6546</b>	<b>57.6546</b>	<b>1.7200e-003</b>	<b>0.0000</b>	<b>57.6977</b>

### 3.10 08 TSP Erection - 2022

#### 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	0.3465	2.8954	2.4550	7.8200e-003		0.1138	0.1138		0.1057	0.1057	0.0000	685.7855	685.7855	0.2117	0.0000	691.0767
<b>Total</b>	<b>0.3465</b>	<b>2.8954</b>	<b>2.4550</b>	<b>7.8200e-003</b>	<b>0.0000</b>	<b>0.1138</b>	<b>0.1138</b>	<b>0.0000</b>	<b>0.1057</b>	<b>0.1057</b>	<b>0.0000</b>	<b>685.7855</b>	<b>685.7855</b>	<b>0.2117</b>	<b>0.0000</b>	<b>691.0767</b>

#### 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	8.1100e-003	0.0733	0.0575	3.2000e-004	0.0114	3.6000e-004	0.0118	3.4500e-003	3.4000e-004	3.7900e-003	0.0000	30.0366	30.0366	5.8000e-004	0.0000	30.0511
Worker	0.0160	0.0107	0.0940	2.3000e-004	0.0247	1.7000e-004	0.0249	6.5700e-003	1.6000e-004	6.7300e-003	0.0000	20.5571	20.5571	7.6000e-004	0.0000	20.5761
<b>Total</b>	<b>0.0242</b>	<b>0.0840</b>	<b>0.1515</b>	<b>5.5000e-004</b>	<b>0.0362</b>	<b>5.3000e-004</b>	<b>0.0367</b>	<b>0.0100</b>	<b>5.0000e-004</b>	<b>0.0105</b>	<b>0.0000</b>	<b>50.5937</b>	<b>50.5937</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>50.6272</b>

**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	0.3465	2.8954	2.4550	7.8200e-003		0.1138	0.1138		0.1057	0.1057	0.0000	685.7847	685.7847	0.2117	0.0000	691.0759
<b>Total</b>	<b>0.3465</b>	<b>2.8954</b>	<b>2.4550</b>	<b>7.8200e-003</b>	<b>0.0000</b>	<b>0.1138</b>	<b>0.1138</b>	<b>0.0000</b>	<b>0.1057</b>	<b>0.1057</b>	<b>0.0000</b>	<b>685.7847</b>	<b>685.7847</b>	<b>0.2117</b>	<b>0.0000</b>	<b>691.0759</b>

**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	8.1100e-003	0.0733	0.0575	3.2000e-004	0.0114	3.6000e-004	0.0118	3.4500e-003	3.4000e-004	3.7900e-003	0.0000	30.0366	30.0366	5.8000e-004	0.0000	30.0511
Worker	0.0160	0.0107	0.0940	2.3000e-004	0.0247	1.7000e-004	0.0249	6.5700e-003	1.6000e-004	6.7300e-003	0.0000	20.5571	20.5571	7.6000e-004	0.0000	20.5761
<b>Total</b>	<b>0.0242</b>	<b>0.0840</b>	<b>0.1515</b>	<b>5.5000e-004</b>	<b>0.0362</b>	<b>5.3000e-004</b>	<b>0.0367</b>	<b>0.0100</b>	<b>5.0000e-004</b>	<b>0.0105</b>	<b>0.0000</b>	<b>50.5937</b>	<b>50.5937</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>50.6272</b>

**3.11 09 Install TSP Foundation MP - 2022**

**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
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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	0.9945	8.2287	6.4522	0.0238		0.3016	0.3016		0.2774	0.2774	0.0000	2,089.7283	2,089.7283	0.6759	0.0000	2,106.6248
<b>Total</b>	<b>0.9945</b>	<b>8.2287</b>	<b>6.4522</b>	<b>0.0238</b>	<b>0.0000</b>	<b>0.3016</b>	<b>0.3016</b>	<b>0.0000</b>	<b>0.2774</b>	<b>0.2774</b>	<b>0.0000</b>	<b>2,089.7283</b>	<b>2,089.7283</b>	<b>0.6759</b>	<b>0.0000</b>	<b>2,106.6248</b>

**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	0.0376	0.3395	0.2665	1.4800e-003	0.0530	1.6500e-003	0.0547	0.0160	1.5700e-003	0.0176	0.0000	139.1695	139.1695	2.7000e-003	0.0000	139.2370
Worker	0.0223	0.0149	0.1306	3.2000e-004	0.0344	2.4000e-004	0.0346	9.1400e-003	2.2000e-004	9.3600e-003	0.0000	28.5744	28.5744	1.0500e-003	0.0000	28.6008
<b>Total</b>	<b>0.0599</b>	<b>0.3543</b>	<b>0.3971</b>	<b>1.8000e-003</b>	<b>0.0874</b>	<b>1.8900e-003</b>	<b>0.0893</b>	<b>0.0251</b>	<b>1.7900e-003</b>	<b>0.0269</b>	<b>0.0000</b>	<b>167.7439</b>	<b>167.7439</b>	<b>3.7500e-003</b>	<b>0.0000</b>	<b>167.8377</b>

**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	0.9945	8.2287	6.4522	0.0238		0.3016	0.3016		0.2774	0.2774	0.0000	2,089.7258	2,089.7258	0.6759	0.0000	2,106.6223

<b>Total</b>	<b>0.9945</b>	<b>8.2287</b>	<b>6.4522</b>	<b>0.0238</b>	<b>0.0000</b>	<b>0.3016</b>	<b>0.3016</b>	<b>0.0000</b>	<b>0.2774</b>	<b>0.2774</b>	<b>0.0000</b>	<b>2,089.7258</b>	<b>2,089.7258</b>	<b>0.6759</b>	<b>0.0000</b>	<b>2,106.6223</b>
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**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	0.0376	0.3395	0.2665	1.4800e-003	0.0530	1.6500e-003	0.0547	0.0160	1.5700e-003	0.0176	0.0000	139.1695	139.1695	2.7000e-003	0.0000	139.2370
Worker	0.0223	0.0149	0.1306	3.2000e-004	0.0344	2.4000e-004	0.0346	9.1400e-003	2.2000e-004	9.3600e-003	0.0000	28.5744	28.5744	1.0500e-003	0.0000	28.6008
<b>Total</b>	<b>0.0599</b>	<b>0.3543</b>	<b>0.3971</b>	<b>1.8000e-003</b>	<b>0.0874</b>	<b>1.8900e-003</b>	<b>0.0893</b>	<b>0.0251</b>	<b>1.7900e-003</b>	<b>0.0269</b>	<b>0.0000</b>	<b>167.7439</b>	<b>167.7439</b>	<b>3.7500e-003</b>	<b>0.0000</b>	<b>167.8377</b>

**3.11 09 Install TSP Foundation MP - 2023**

**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	0.4397	3.4025	2.9241	0.0111		0.1241	0.1241		0.1142	0.1142	0.0000	977.7834	977.7834	0.3162	0.0000	985.6893
<b>Total</b>	<b>0.4397</b>	<b>3.4025</b>	<b>2.9241</b>	<b>0.0111</b>	<b>0.0000</b>	<b>0.1241</b>	<b>0.1241</b>	<b>0.0000</b>	<b>0.1142</b>	<b>0.1142</b>	<b>0.0000</b>	<b>977.7834</b>	<b>977.7834</b>	<b>0.3162</b>	<b>0.0000</b>	<b>985.6893</b>

**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	0.0150	0.1328	0.1072	6.9000e-004	0.0248	3.2000e-004	0.0251	7.4700e-003	3.0000e-004	7.7700e-003	0.0000	64.5301	64.5301	1.0500e-003	0.0000	64.5563
Worker	9.7600e-003	6.1900e-003	0.0545	1.4000e-004	0.0161	1.1000e-004	0.0162	4.2700e-003	1.0000e-004	4.3700e-003	0.0000	12.8651	12.8651	4.3000e-004	0.0000	12.8759
<b>Total</b>	<b>0.0247</b>	<b>0.1390</b>	<b>0.1617</b>	<b>8.3000e-004</b>	<b>0.0409</b>	<b>4.3000e-004</b>	<b>0.0413</b>	<b>0.0117</b>	<b>4.0000e-004</b>	<b>0.0121</b>	<b>0.0000</b>	<b>77.3952</b>	<b>77.3952</b>	<b>1.4800e-003</b>	<b>0.0000</b>	<b>77.4323</b>

**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	0.4397	3.4025	2.9241	0.0111		0.1241	0.1241		0.1142	0.1142	0.0000	977.7822	977.7822	0.3162	0.0000	985.6881
<b>Total</b>	<b>0.4397</b>	<b>3.4025</b>	<b>2.9241</b>	<b>0.0111</b>	<b>0.0000</b>	<b>0.1241</b>	<b>0.1241</b>	<b>0.0000</b>	<b>0.1142</b>	<b>0.1142</b>	<b>0.0000</b>	<b>977.7822</b>	<b>977.7822</b>	<b>0.3162</b>	<b>0.0000</b>	<b>985.6881</b>

**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
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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
Vendor	0.0150	0.1328	0.1072	6.9000e-004	0.0248	3.2000e-004	0.0251	7.4700e-003	3.0000e-004	7.7700e-003	0.0000	64.5301	64.5301	1.0500e-003	0.0000	64.5563
Worker	9.7600e-003	6.1900e-003	0.0545	1.4000e-004	0.0161	1.1000e-004	0.0162	4.2700e-003	1.0000e-004	4.3700e-003	0.0000	12.8651	12.8651	4.3000e-004	0.0000	12.8759
<b>Total</b>	<b>0.0247</b>	<b>0.1390</b>	<b>0.1617</b>	<b>8.3000e-004</b>	<b>0.0409</b>	<b>4.3000e-004</b>	<b>0.0413</b>	<b>0.0117</b>	<b>4.0000e-004</b>	<b>0.0121</b>	<b>0.0000</b>	<b>77.3952</b>	<b>77.3952</b>	<b>1.4800e-003</b>	<b>0.0000</b>	<b>77.4323</b>

### 3.12 10 TSP Haul MP - 2022

#### 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	0.1598	1.2136	1.0156	4.0000e-003		0.0441	0.0441		0.0406	0.0406	0.0000	350.8247	350.8247	0.1135	0.0000	353.6613
<b>Total</b>	<b>0.1598</b>	<b>1.2136</b>	<b>1.0156</b>	<b>4.0000e-003</b>	<b>0.0000</b>	<b>0.0441</b>	<b>0.0441</b>	<b>0.0000</b>	<b>0.0406</b>	<b>0.0406</b>	<b>0.0000</b>	<b>350.8247</b>	<b>350.8247</b>	<b>0.1135</b>	<b>0.0000</b>	<b>353.6613</b>

#### 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	7.3500e-003	0.0664	0.0522	2.9000e-004	0.0104	3.2000e-004	0.0107	3.1300e-003	3.1000e-004	3.4300e-003	0.0000	27.2332	27.2332	5.3000e-004	0.0000	27.2464

Worker	5.4500e-003	3.6300e-003	0.0320	8.0000e-005	8.4100e-003	6.0000e-005	8.4700e-003	2.2300e-003	5.0000e-005	2.2900e-003	0.0000	6.9894	6.9894	2.6000e-004	0.0000	6.9959
<b>Total</b>	<b>0.0128</b>	<b>0.0701</b>	<b>0.0841</b>	<b>3.7000e-004</b>	<b>0.0188</b>	<b>3.8000e-004</b>	<b>0.0192</b>	<b>5.3600e-003</b>	<b>3.6000e-004</b>	<b>5.7200e-003</b>	<b>0.0000</b>	<b>34.2226</b>	<b>34.2226</b>	<b>7.9000e-004</b>	<b>0.0000</b>	<b>34.2422</b>

**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	0.1598	1.2136	1.0156	4.0000e-003		0.0441	0.0441		0.0406	0.0406	0.0000	350.8243	350.8243	0.1135	0.0000	353.6609
<b>Total</b>	<b>0.1598</b>	<b>1.2136</b>	<b>1.0156</b>	<b>4.0000e-003</b>	<b>0.0000</b>	<b>0.0441</b>	<b>0.0441</b>	<b>0.0000</b>	<b>0.0406</b>	<b>0.0406</b>	<b>0.0000</b>	<b>350.8243</b>	<b>350.8243</b>	<b>0.1135</b>	<b>0.0000</b>	<b>353.6609</b>

**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	7.3500e-003	0.0664	0.0522	2.9000e-004	0.0104	3.2000e-004	0.0107	3.1300e-003	3.1000e-004	3.4300e-003	0.0000	27.2332	27.2332	5.3000e-004	0.0000	27.2464
Worker	5.4500e-003	3.6300e-003	0.0320	8.0000e-005	8.4100e-003	6.0000e-005	8.4700e-003	2.2300e-003	5.0000e-005	2.2900e-003	0.0000	6.9894	6.9894	2.6000e-004	0.0000	6.9959
<b>Total</b>	<b>0.0128</b>	<b>0.0701</b>	<b>0.0841</b>	<b>3.7000e-004</b>	<b>0.0188</b>	<b>3.8000e-004</b>	<b>0.0192</b>	<b>5.3600e-003</b>	<b>3.6000e-004</b>	<b>5.7200e-003</b>	<b>0.0000</b>	<b>34.2226</b>	<b>34.2226</b>	<b>7.9000e-004</b>	<b>0.0000</b>	<b>34.2422</b>

**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	0.2339	1.9544	1.6571	5.2800e-003		0.0768	0.0768		0.0713	0.0713	0.0000	462.9052	462.9052	0.1429	0.0000	466.4768
<b>Total</b>	<b>0.2339</b>	<b>1.9544</b>	<b>1.6571</b>	<b>5.2800e-003</b>	<b>0.0000</b>	<b>0.0768</b>	<b>0.0768</b>	<b>0.0000</b>	<b>0.0713</b>	<b>0.0713</b>	<b>0.0000</b>	<b>462.9052</b>	<b>462.9052</b>	<b>0.1429</b>	<b>0.0000</b>	<b>466.4768</b>

**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	0.0110	0.0989	0.0777	4.3000e-004	0.0155	4.8000e-004	0.0159	4.6500e-003	4.6000e-004	5.1100e-003	0.0000	40.5494	40.5494	7.9000e-004	0.0000	40.5690
Worker	0.0108	7.2100e-003	0.0634	1.5000e-004	0.0167	1.2000e-004	0.0168	4.4400e-003	1.1000e-004	4.5400e-003	0.0000	13.8761	13.8761	5.1000e-004	0.0000	13.8889
<b>Total</b>	<b>0.0218</b>	<b>0.1061</b>	<b>0.1411</b>	<b>5.8000e-004</b>	<b>0.0321</b>	<b>6.0000e-004</b>	<b>0.0327</b>	<b>9.0900e-003</b>	<b>5.7000e-004</b>	<b>9.6500e-003</b>	<b>0.0000</b>	<b>54.4254</b>	<b>54.4254</b>	<b>1.3000e-003</b>	<b>0.0000</b>	<b>54.4579</b>

**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
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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	0.2339	1.9544	1.6571	5.2800e-003		0.0768	0.0768		0.0713	0.0713	0.0000	462.9046	462.9046	0.1429	0.0000	466.4762
<b>Total</b>	<b>0.2339</b>	<b>1.9544</b>	<b>1.6571</b>	<b>5.2800e-003</b>	<b>0.0000</b>	<b>0.0768</b>	<b>0.0768</b>	<b>0.0000</b>	<b>0.0713</b>	<b>0.0713</b>	<b>0.0000</b>	<b>462.9046</b>	<b>462.9046</b>	<b>0.1429</b>	<b>0.0000</b>	<b>466.4762</b>

**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	0.0110	0.0989	0.0777	4.3000e-004	0.0155	4.8000e-004	0.0159	4.6500e-003	4.6000e-004	5.1100e-003	0.0000	40.5494	40.5494	7.9000e-004	0.0000	40.5690
Worker	0.0108	7.2100e-003	0.0634	1.5000e-004	0.0167	1.2000e-004	0.0168	4.4400e-003	1.1000e-004	4.5400e-003	0.0000	13.8761	13.8761	5.1000e-004	0.0000	13.8889
<b>Total</b>	<b>0.0218</b>	<b>0.1061</b>	<b>0.1411</b>	<b>5.8000e-004</b>	<b>0.0321</b>	<b>6.0000e-004</b>	<b>0.0327</b>	<b>9.0900e-003</b>	<b>5.7000e-004</b>	<b>9.6500e-003</b>	<b>0.0000</b>	<b>54.4254</b>	<b>54.4254</b>	<b>1.3000e-003</b>	<b>0.0000</b>	<b>54.4579</b>

**3.13 11 TSP Assembly MP - 2023**

**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	0.1491	1.1723	1.0799	3.5800e-003		0.0456	0.0456		0.0424	0.0424	0.0000	313.9271	313.9271	0.0968	0.0000	316.3469

<b>Total</b>	<b>0.1491</b>	<b>1.1723</b>	<b>1.0799</b>	<b>3.5800e-003</b>	<b>0.0000</b>	<b>0.0456</b>	<b>0.0456</b>	<b>0.0000</b>	<b>0.0424</b>	<b>0.0424</b>	<b>0.0000</b>	<b>313.9271</b>	<b>313.9271</b>	<b>0.0968</b>	<b>0.0000</b>	<b>316.3469</b>
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**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	6.3200e-003	0.0561	0.0453	2.9000e-004	0.0105	1.3000e-004	0.0106	3.1500e-003	1.3000e-004	3.2800e-003	0.0000	27.2516	27.2516	4.4000e-004	0.0000	27.2626
Worker	6.8700e-003	4.3500e-003	0.0384	1.0000e-004	0.0113	8.0000e-005	0.0114	3.0100e-003	7.0000e-005	3.0800e-003	0.0000	9.0551	9.0551	3.0000e-004	0.0000	9.0627
<b>Total</b>	<b>0.0132</b>	<b>0.0604</b>	<b>0.0837</b>	<b>3.9000e-004</b>	<b>0.0218</b>	<b>2.1000e-004</b>	<b>0.0220</b>	<b>6.1600e-003</b>	<b>2.0000e-004</b>	<b>6.3600e-003</b>	<b>0.0000</b>	<b>36.3066</b>	<b>36.3066</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>36.3253</b>

**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	0.1491	1.1723	1.0799	3.5800e-003		0.0456	0.0456		0.0424	0.0424	0.0000	313.9267	313.9267	0.0968	0.0000	316.3466
<b>Total</b>	<b>0.1491</b>	<b>1.1723</b>	<b>1.0799</b>	<b>3.5800e-003</b>	<b>0.0000</b>	<b>0.0456</b>	<b>0.0456</b>	<b>0.0000</b>	<b>0.0424</b>	<b>0.0424</b>	<b>0.0000</b>	<b>313.9267</b>	<b>313.9267</b>	<b>0.0968</b>	<b>0.0000</b>	<b>316.3466</b>

**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	6.3200e-003	0.0561	0.0453	2.9000e-004	0.0105	1.3000e-004	0.0106	3.1500e-003	1.3000e-004	3.2800e-003	0.0000	27.2516	27.2516	4.4000e-004	0.0000	27.2626
Worker	6.8700e-003	4.3500e-003	0.0384	1.0000e-004	0.0113	8.0000e-005	0.0114	3.0100e-003	7.0000e-005	3.0800e-003	0.0000	9.0551	9.0551	3.0000e-004	0.0000	9.0627
<b>Total</b>	<b>0.0132</b>	<b>0.0604</b>	<b>0.0837</b>	<b>3.9000e-004</b>	<b>0.0218</b>	<b>2.1000e-004</b>	<b>0.0220</b>	<b>6.1600e-003</b>	<b>2.0000e-004</b>	<b>6.3600e-003</b>	<b>0.0000</b>	<b>36.3066</b>	<b>36.3066</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>36.3253</b>

### 3.14 12 TSP Erection MP - 2022

#### 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	0.1940	1.6512	1.4033	4.2800e-003		0.0658	0.0658		0.0612	0.0612	0.0000	375.2351	375.2351	0.1145	0.0000	378.0978
<b>Total</b>	<b>0.1940</b>	<b>1.6512</b>	<b>1.4033</b>	<b>4.2800e-003</b>	<b>0.0000</b>	<b>0.0658</b>	<b>0.0658</b>	<b>0.0000</b>	<b>0.0612</b>	<b>0.0612</b>	<b>0.0000</b>	<b>375.2351</b>	<b>375.2351</b>	<b>0.1145</b>	<b>0.0000</b>	<b>378.0978</b>

#### 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
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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
Vendor	5.4700e-003	0.0495	0.0388	2.2000e-004	7.7200e-003	2.4000e-004	7.9600e-003	2.3300e-003	2.3000e-004	2.5600e-003	0.0000	20.2747	20.2747	3.9000e-004	0.0000	20.2845
Worker	0.0108	7.2100e-003	0.0634	1.5000e-004	0.0167	1.2000e-004	0.0168	4.4400e-003	1.1000e-004	4.5400e-003	0.0000	13.8761	13.8761	5.1000e-004	0.0000	13.8889
<b>Total</b>	<b>0.0163</b>	<b>0.0567</b>	<b>0.1023</b>	<b>3.7000e-004</b>	<b>0.0244</b>	<b>3.6000e-004</b>	<b>0.0248</b>	<b>6.7700e-003</b>	<b>3.4000e-004</b>	<b>7.1000e-003</b>	<b>0.0000</b>	<b>34.1508</b>	<b>34.1508</b>	<b>9.0000e-004</b>	<b>0.0000</b>	<b>34.1734</b>

**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	0.1940	1.6512	1.4033	4.2800e-003		0.0658	0.0658		0.0612	0.0612	0.0000	375.2346	375.2346	0.1145	0.0000	378.0974
<b>Total</b>	<b>0.1940</b>	<b>1.6512</b>	<b>1.4033</b>	<b>4.2800e-003</b>	<b>0.0000</b>	<b>0.0658</b>	<b>0.0658</b>	<b>0.0000</b>	<b>0.0612</b>	<b>0.0612</b>	<b>0.0000</b>	<b>375.2346</b>	<b>375.2346</b>	<b>0.1145</b>	<b>0.0000</b>	<b>378.0974</b>

**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	5.4700e-003	0.0495	0.0388	2.2000e-004	7.7200e-003	2.4000e-004	7.9600e-003	2.3300e-003	2.3000e-004	2.5600e-003	0.0000	20.2747	20.2747	3.9000e-004	0.0000	20.2845

Worker	0.0108	7.2100e-003	0.0634	1.5000e-004	0.0167	1.2000e-004	0.0168	4.4400e-003	1.1000e-004	4.5400e-003	0.0000	13.8761	13.8761	5.1000e-004	0.0000	13.8889
<b>Total</b>	<b>0.0163</b>	<b>0.0567</b>	<b>0.1023</b>	<b>3.7000e-004</b>	<b>0.0244</b>	<b>3.6000e-004</b>	<b>0.0248</b>	<b>6.7700e-003</b>	<b>3.4000e-004</b>	<b>7.1000e-003</b>	<b>0.0000</b>	<b>34.1508</b>	<b>34.1508</b>	<b>9.0000e-004</b>	<b>0.0000</b>	<b>34.1734</b>

### 3.14 12 TSP Erection MP - 2023

#### 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	0.1233	0.9895	0.9114	2.9000e-003		0.0390	0.0390		0.0363	0.0363	0.0000	254.4643	254.4643	0.0776	0.0000	256.4033
<b>Total</b>	<b>0.1233</b>	<b>0.9895</b>	<b>0.9114</b>	<b>2.9000e-003</b>	<b>0.0000</b>	<b>0.0390</b>	<b>0.0390</b>	<b>0.0000</b>	<b>0.0363</b>	<b>0.0363</b>	<b>0.0000</b>	<b>254.4643</b>	<b>254.4643</b>	<b>0.0776</b>	<b>0.0000</b>	<b>256.4033</b>

#### 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	3.1600e-003	0.0280	0.0226	1.5000e-004	5.2300e-003	7.0000e-005	5.3000e-003	1.5800e-003	6.0000e-005	1.6400e-003	0.0000	13.6258	13.6258	2.2000e-004	0.0000	13.6313
Worker	6.8700e-003	4.3500e-003	0.0384	1.0000e-004	0.0113	8.0000e-005	0.0114	3.0100e-003	7.0000e-005	3.0800e-003	0.0000	9.0551	9.0551	3.0000e-004	0.0000	9.0627
<b>Total</b>	<b>0.0100</b>	<b>0.0324</b>	<b>0.0610</b>	<b>2.5000e-004</b>	<b>0.0165</b>	<b>1.5000e-004</b>	<b>0.0167</b>	<b>4.5900e-003</b>	<b>1.3000e-004</b>	<b>4.7200e-003</b>	<b>0.0000</b>	<b>22.6808</b>	<b>22.6808</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>22.6940</b>

**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	0.1233	0.9895	0.9114	2.9000e-003		0.0390	0.0390		0.0363	0.0363	0.0000	254.4640	254.4640	0.0776	0.0000	256.4030
<b>Total</b>	<b>0.1233</b>	<b>0.9895</b>	<b>0.9114</b>	<b>2.9000e-003</b>	<b>0.0000</b>	<b>0.0390</b>	<b>0.0390</b>	<b>0.0000</b>	<b>0.0363</b>	<b>0.0363</b>	<b>0.0000</b>	<b>254.4640</b>	<b>254.4640</b>	<b>0.0776</b>	<b>0.0000</b>	<b>256.4030</b>

**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	3.1600e-003	0.0280	0.0226	1.5000e-004	5.2300e-003	7.0000e-005	5.3000e-003	1.5800e-003	6.0000e-005	1.6400e-003	0.0000	13.6258	13.6258	2.2000e-004	0.0000	13.6313
Worker	6.8700e-003	4.3500e-003	0.0384	1.0000e-004	0.0113	8.0000e-005	0.0114	3.0100e-003	7.0000e-005	3.0800e-003	0.0000	9.0551	9.0551	3.0000e-004	0.0000	9.0627
<b>Total</b>	<b>0.0100</b>	<b>0.0324</b>	<b>0.0610</b>	<b>2.5000e-004</b>	<b>0.0165</b>	<b>1.5000e-004</b>	<b>0.0167</b>	<b>4.5900e-003</b>	<b>1.3000e-004</b>	<b>4.7200e-003</b>	<b>0.0000</b>	<b>22.6808</b>	<b>22.6808</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>22.6940</b>

**3.15 13 Existing Pole Removal - 2022**

**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
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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	0.1105	0.8391	0.7021	2.7600e-003		0.0305	0.0305		0.0281	0.0281	0.0000	242.5540	242.5540	0.0785	0.0000	244.5151
<b>Total</b>	<b>0.1105</b>	<b>0.8391</b>	<b>0.7021</b>	<b>2.7600e-003</b>	<b>0.0000</b>	<b>0.0305</b>	<b>0.0305</b>	<b>0.0000</b>	<b>0.0281</b>	<b>0.0281</b>	<b>0.0000</b>	<b>242.5540</b>	<b>242.5540</b>	<b>0.0785</b>	<b>0.0000</b>	<b>244.5151</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.1600e-003	0.0190	5.0000e-005	5.0100e-003	3.0000e-005	5.0400e-003	1.3300e-003	3.0000e-005	1.3600e-003	0.0000	4.1628	4.1628	1.5000e-004	0.0000	4.1667
<b>Total</b>	<b>3.2500e-003</b>	<b>2.1600e-003</b>	<b>0.0190</b>	<b>5.0000e-005</b>	<b>5.0100e-003</b>	<b>3.0000e-005</b>	<b>5.0400e-003</b>	<b>1.3300e-003</b>	<b>3.0000e-005</b>	<b>1.3600e-003</b>	<b>0.0000</b>	<b>4.1628</b>	<b>4.1628</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>4.1667</b>

**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	0.1105	0.8391	0.7021	2.7600e-003		0.0305	0.0305		0.0281	0.0281	0.0000	242.5537	242.5537	0.0785	0.0000	244.5148

<b>Total</b>	<b>0.1105</b>	<b>0.8391</b>	<b>0.7021</b>	<b>2.7600e-003</b>	<b>0.0000</b>	<b>0.0305</b>	<b>0.0305</b>	<b>0.0000</b>	<b>0.0281</b>	<b>0.0281</b>	<b>0.0000</b>	<b>242.5537</b>	<b>242.5537</b>	<b>0.0785</b>	<b>0.0000</b>	<b>244.5148</b>
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**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.1600e-003	0.0190	5.0000e-005	5.0100e-003	3.0000e-005	5.0400e-003	1.3300e-003	3.0000e-005	1.3600e-003	0.0000	4.1628	4.1628	1.5000e-004	0.0000	4.1667
<b>Total</b>	<b>3.2500e-003</b>	<b>2.1600e-003</b>	<b>0.0190</b>	<b>5.0000e-005</b>	<b>5.0100e-003</b>	<b>3.0000e-005</b>	<b>5.0400e-003</b>	<b>1.3300e-003</b>	<b>3.0000e-005</b>	<b>1.3600e-003</b>	<b>0.0000</b>	<b>4.1628</b>	<b>4.1628</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>4.1667</b>

**3.16 14 Existing H-Frame Removal - 2022**

**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					0.4719	0.0000	0.4719	0.0510	0.0000	0.0510	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5632	4.2435	3.7024	0.0136		0.1616	0.1616		0.1502	0.1502	0.0000	1,190.4947	1,190.4947	0.3693	0.0000	1,199.7273
<b>Total</b>	<b>0.5632</b>	<b>4.2435</b>	<b>3.7024</b>	<b>0.0136</b>	<b>0.4719</b>	<b>0.1616</b>	<b>0.6335</b>	<b>0.0510</b>	<b>0.1502</b>	<b>0.2012</b>	<b>0.0000</b>	<b>1,190.4947</b>	<b>1,190.4947</b>	<b>0.3693</b>	<b>0.0000</b>	<b>1,199.7273</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0249	0.0166	0.1457	3.5000e-004	0.0383	2.7000e-004	0.0386	0.0102	2.5000e-004	0.0104	0.0000	31.8636	31.8636	1.1800e-003	0.0000	31.8929
<b>Total</b>	<b>0.0249</b>	<b>0.0166</b>	<b>0.1457</b>	<b>3.5000e-004</b>	<b>0.0383</b>	<b>2.7000e-004</b>	<b>0.0386</b>	<b>0.0102</b>	<b>2.5000e-004</b>	<b>0.0104</b>	<b>0.0000</b>	<b>31.8636</b>	<b>31.8636</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>31.8929</b>

**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					0.1841	0.0000	0.1841	0.0199	0.0000	0.0199	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5632	4.2435	3.7024	0.0136		0.1616	0.1616		0.1502	0.1502	0.0000	1,190.4933	1,190.4933	0.3693	0.0000	1,199.7259
<b>Total</b>	<b>0.5632</b>	<b>4.2435</b>	<b>3.7024</b>	<b>0.0136</b>	<b>0.1841</b>	<b>0.1616</b>	<b>0.3456</b>	<b>0.0199</b>	<b>0.1502</b>	<b>0.1701</b>	<b>0.0000</b>	<b>1,190.4933</b>	<b>1,190.4933</b>	<b>0.3693</b>	<b>0.0000</b>	<b>1,199.7259</b>

**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
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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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0249	0.0166	0.1457	3.5000e-004	0.0383	2.7000e-004	0.0386	0.0102	2.5000e-004	0.0104	0.0000	31.8636	31.8636	1.1800e-003	0.0000	31.8929
<b>Total</b>	<b>0.0249</b>	<b>0.0166</b>	<b>0.1457</b>	<b>3.5000e-004</b>	<b>0.0383</b>	<b>2.7000e-004</b>	<b>0.0386</b>	<b>0.0102</b>	<b>2.5000e-004</b>	<b>0.0104</b>	<b>0.0000</b>	<b>31.8636</b>	<b>31.8636</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>31.8929</b>

### 3.17 15 Existing Lattice Structure/TSP Removal - 2022

#### 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	2.2331	19.1404	16.9452	0.0594		0.7170	0.7170		0.6596	0.6596	0.0000	5,216.5407	5,216.5407	1.6871	0.0000	5,258.7191
<b>Total</b>	<b>2.2331</b>	<b>19.1404</b>	<b>16.9452</b>	<b>0.0594</b>	<b>0.0000</b>	<b>0.7170</b>	<b>0.7170</b>	<b>0.0000</b>	<b>0.6596</b>	<b>0.6596</b>	<b>0.0000</b>	<b>5,216.5407</b>	<b>5,216.5407</b>	<b>1.6871</b>	<b>0.0000</b>	<b>5,258.7191</b>

#### Unmitigated Construction Off-Site

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

Worker	0.0343	0.0228	0.2009	4.9000e-004	0.0529	3.7000e-004	0.0532	0.0141	3.4000e-004	0.0144	0.0000	43.9409	43.9409	1.6200e-003	0.0000	43.9814
<b>Total</b>	<b>0.0343</b>	<b>0.0228</b>	<b>0.2009</b>	<b>4.9000e-004</b>	<b>0.0529</b>	<b>3.7000e-004</b>	<b>0.0532</b>	<b>0.0141</b>	<b>3.4000e-004</b>	<b>0.0144</b>	<b>0.0000</b>	<b>43.9409</b>	<b>43.9409</b>	<b>1.6200e-003</b>	<b>0.0000</b>	<b>43.9814</b>

**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	2.2331	19.1404	16.9451	0.0594		0.7170	0.7170		0.6596	0.6596	0.0000	5,216.5345	5,216.5345	1.6871	0.0000	5,258.7128
<b>Total</b>	<b>2.2331</b>	<b>19.1404</b>	<b>16.9451</b>	<b>0.0594</b>	<b>0.0000</b>	<b>0.7170</b>	<b>0.7170</b>	<b>0.0000</b>	<b>0.6596</b>	<b>0.6596</b>	<b>0.0000</b>	<b>5,216.5345</b>	<b>5,216.5345</b>	<b>1.6871</b>	<b>0.0000</b>	<b>5,258.7128</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0343	0.0228	0.2009	4.9000e-004	0.0529	3.7000e-004	0.0532	0.0141	3.4000e-004	0.0144	0.0000	43.9409	43.9409	1.6200e-003	0.0000	43.9814
<b>Total</b>	<b>0.0343</b>	<b>0.0228</b>	<b>0.2009</b>	<b>4.9000e-004</b>	<b>0.0529</b>	<b>3.7000e-004</b>	<b>0.0532</b>	<b>0.0141</b>	<b>3.4000e-004</b>	<b>0.0144</b>	<b>0.0000</b>	<b>43.9409</b>	<b>43.9409</b>	<b>1.6200e-003</b>	<b>0.0000</b>	<b>43.9814</b>

**3.17 15 Existing Lattice Structure/TSP Removal - 2023**

**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	3.8824	31.3060	30.3597	0.1085		1.1713	1.1713		1.0776	1.0776	0.0000	9,526.5398	9,526.5398	3.0811	0.0000	9,603.5667
<b>Total</b>	<b>3.8824</b>	<b>31.3060</b>	<b>30.3597</b>	<b>0.1085</b>	<b>0.0000</b>	<b>1.1713</b>	<b>1.1713</b>	<b>0.0000</b>	<b>1.0776</b>	<b>1.0776</b>	<b>0.0000</b>	<b>9,526.5398</b>	<b>9,526.5398</b>	<b>3.0811</b>	<b>0.0000</b>	<b>9,603.5667</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0586	0.0371	0.3272	8.5000e-004	0.0964	6.5000e-004	0.0971	0.0256	6.0000e-004	0.0262	0.0000	77.1906	77.1906	2.6000e-003	0.0000	77.2555
<b>Total</b>	<b>0.0586</b>	<b>0.0371</b>	<b>0.3272</b>	<b>8.5000e-004</b>	<b>0.0964</b>	<b>6.5000e-004</b>	<b>0.0971</b>	<b>0.0256</b>	<b>6.0000e-004</b>	<b>0.0262</b>	<b>0.0000</b>	<b>77.1906</b>	<b>77.1906</b>	<b>2.6000e-003</b>	<b>0.0000</b>	<b>77.2555</b>

**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
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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	3.8824	31.3059	30.3597	0.1085		1.1713	1.1713		1.0776	1.0776	0.0000	9,526.5284	9,526.5284	3.0811	0.0000	9,603.5552
<b>Total</b>	<b>3.8824</b>	<b>31.3059</b>	<b>30.3597</b>	<b>0.1085</b>	<b>0.0000</b>	<b>1.1713</b>	<b>1.1713</b>	<b>0.0000</b>	<b>1.0776</b>	<b>1.0776</b>	<b>0.0000</b>	<b>9,526.5284</b>	<b>9,526.5284</b>	<b>3.0811</b>	<b>0.0000</b>	<b>9,603.5552</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0586	0.0371	0.3272	8.5000e-004	0.0964	6.5000e-004	0.0971	0.0256	6.0000e-004	0.0262	0.0000	77.1906	77.1906	2.6000e-003	0.0000	77.2555
<b>Total</b>	<b>0.0586</b>	<b>0.0371</b>	<b>0.3272</b>	<b>8.5000e-004</b>	<b>0.0964</b>	<b>6.5000e-004</b>	<b>0.0971</b>	<b>0.0256</b>	<b>6.0000e-004</b>	<b>0.0262</b>	<b>0.0000</b>	<b>77.1906</b>	<b>77.1906</b>	<b>2.6000e-003</b>	<b>0.0000</b>	<b>77.2555</b>

**3.17 15 Existing Lattice Structure/TSP Removal - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.9386	7.1726	7.4381	0.0268		0.2685	0.2685		0.2471	0.2471	0.0000	2,352.7816	2,352.7816	0.7609	0.0000	2,371.8050

<b>Total</b>	<b>0.9386</b>	<b>7.1726</b>	<b>7.4381</b>	<b>0.0268</b>	<b>0.0000</b>	<b>0.2685</b>	<b>0.2685</b>	<b>0.0000</b>	<b>0.2471</b>	<b>0.2471</b>	<b>0.0000</b>	<b>2,352.7816</b>	<b>2,352.7816</b>	<b>0.7609</b>	<b>0.0000</b>	<b>2,371.8050</b>
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**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0136	8.2100e-003	0.0734	2.0000e-004	0.0238	1.5000e-004	0.0240	6.3300e-003	1.4000e-004	6.4700e-003	0.0000	18.3183	18.3183	5.7000e-004	0.0000	18.3324
<b>Total</b>	<b>0.0136</b>	<b>8.2100e-003</b>	<b>0.0734</b>	<b>2.0000e-004</b>	<b>0.0238</b>	<b>1.5000e-004</b>	<b>0.0240</b>	<b>6.3300e-003</b>	<b>1.4000e-004</b>	<b>6.4700e-003</b>	<b>0.0000</b>	<b>18.3183</b>	<b>18.3183</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>18.3324</b>

**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	0.9386	7.1726	7.4381	0.0268		0.2685	0.2685		0.2471	0.2471	0.0000	2,352.7788	2,352.7788	0.7609	0.0000	2,371.8022
<b>Total</b>	<b>0.9386</b>	<b>7.1726</b>	<b>7.4381</b>	<b>0.0268</b>	<b>0.0000</b>	<b>0.2685</b>	<b>0.2685</b>	<b>0.0000</b>	<b>0.2471</b>	<b>0.2471</b>	<b>0.0000</b>	<b>2,352.7788</b>	<b>2,352.7788</b>	<b>0.7609</b>	<b>0.0000</b>	<b>2,371.8022</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0136	8.2100e-003	0.0734	2.0000e-004	0.0238	1.5000e-004	0.0240	6.3300e-003	1.4000e-004	6.4700e-003	0.0000	18.3183	18.3183	5.7000e-004	0.0000	18.3324
<b>Total</b>	<b>0.0136</b>	<b>8.2100e-003</b>	<b>0.0734</b>	<b>2.0000e-004</b>	<b>0.0238</b>	<b>1.5000e-004</b>	<b>0.0240</b>	<b>6.3300e-003</b>	<b>1.4000e-004</b>	<b>6.4700e-003</b>	<b>0.0000</b>	<b>18.3183</b>	<b>18.3183</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>18.3324</b>

### 3.18 15A Existing Lattice Structure/TSP Removal - 2022

#### 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	4.0855	31.9329	27.4140	0.1014		1.1910	1.1910		1.0957	1.0957	0.0000	8,906.1442	8,906.1442	2.8804	0.0000	8,978.1549
<b>Total</b>	<b>4.0855</b>	<b>31.9329</b>	<b>27.4140</b>	<b>0.1014</b>	<b>0.0000</b>	<b>1.1910</b>	<b>1.1910</b>	<b>0.0000</b>	<b>1.0957</b>	<b>1.0957</b>	<b>0.0000</b>	<b>8,906.1442</b>	<b>8,906.1442</b>	<b>2.8804</b>	<b>0.0000</b>	<b>8,978.1549</b>

#### 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
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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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	4.0855	31.9328	27.4140	0.1014		1.1910	1.1910		1.0957	1.0957	0.0000	8,906.1336	8,906.1336	2.8804	0.0000	8,978.1442
<b>Total</b>	<b>4.0855</b>	<b>31.9328</b>	<b>27.4140</b>	<b>0.1014</b>	<b>0.0000</b>	<b>1.1910</b>	<b>1.1910</b>	<b>0.0000</b>	<b>1.0957</b>	<b>1.0957</b>	<b>0.0000</b>	<b>8,906.1336</b>	<b>8,906.1336</b>	<b>2.8804</b>	<b>0.0000</b>	<b>8,978.1442</b>

**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



**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	7.1101	51.9440	49.0915	0.1852		1.9347	1.9347		1.7799	1.7799	0.0000	16,260.2337	16,260.2337	5.2589	0.0000	16,391.7059
<b>Total</b>	<b>7.1101</b>	<b>51.9440</b>	<b>49.0915</b>	<b>0.1852</b>	<b>0.0000</b>	<b>1.9347</b>	<b>1.9347</b>	<b>0.0000</b>	<b>1.7799</b>	<b>1.7799</b>	<b>0.0000</b>	<b>16,260.2337</b>	<b>16,260.2337</b>	<b>5.2589</b>	<b>0.0000</b>	<b>16,391.7059</b>

**Mitigated Construction Off-Site**

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

**3.18 15A Existing Lattice Structure/TSP Removal - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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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	0.4706	3.2546	3.2705	0.0125		0.1207	0.1207			0.1110	0.1110	0.0000	1,094.7864	1,094.7864	0.3541	0.0000	1,103.6383
<b>Total</b>	<b>0.4706</b>	<b>3.2546</b>	<b>3.2705</b>	<b>0.0125</b>	<b>0.0000</b>	<b>0.1207</b>	<b>0.1207</b>	<b>0.0000</b>	<b>0.1110</b>	<b>0.1110</b>	<b>0.0000</b>	<b>1,094.7864</b>	<b>1,094.7864</b>	<b>0.3541</b>	<b>0.0000</b>	<b>1,103.6383</b>	

**Unmitigated Construction Off-Site**

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

**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	0.4706	3.2546	3.2705	0.0125		0.1207	0.1207			0.1110	0.1110	0.0000	1,094.7851	1,094.7851	0.3541	0.0000	1,103.6370

<b>Total</b>	<b>0.4706</b>	<b>3.2546</b>	<b>3.2705</b>	<b>0.0125</b>	<b>0.0000</b>	<b>0.1207</b>	<b>0.1207</b>	<b>0.0000</b>	<b>0.1110</b>	<b>0.1110</b>	<b>0.0000</b>	<b>1,094.7851</b>	<b>1,094.7851</b>	<b>0.3541</b>	<b>0.0000</b>	<b>1,103.6370</b>
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**Mitigated Construction Off-Site**

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

**3.19 16 LWS Pole Haul - 2022**

**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	0.2544	1.9325	1.6171	6.3600e-003		0.0703	0.0703		0.0647	0.0647	0.0000	558.6353	558.6353	0.1807	0.0000	563.1522
<b>Total</b>	<b>0.2544</b>	<b>1.9325</b>	<b>1.6171</b>	<b>6.3600e-003</b>	<b>0.0000</b>	<b>0.0703</b>	<b>0.0703</b>	<b>0.0000</b>	<b>0.0647</b>	<b>0.0647</b>	<b>0.0000</b>	<b>558.6353</b>	<b>558.6353</b>	<b>0.1807</b>	<b>0.0000</b>	<b>563.1522</b>

**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	2.6700e-003	0.0241	0.0189	1.1000e-004	3.7700e-003	1.2000e-004	3.8800e-003	1.1300e-003	1.1000e-004	1.2500e-003	0.0000	9.8870	9.8870	1.9000e-004	0.0000	9.8918
Worker	3.1700e-003	2.1100e-003	0.0186	4.0000e-005	4.8800e-003	3.0000e-005	4.9200e-003	1.3000e-003	3.0000e-005	1.3300e-003	0.0000	4.0600	4.0600	1.5000e-004	0.0000	4.0638
<b>Total</b>	<b>5.8400e-003</b>	<b>0.0262</b>	<b>0.0375</b>	<b>1.5000e-004</b>	<b>8.6500e-003</b>	<b>1.5000e-004</b>	<b>8.8000e-003</b>	<b>2.4300e-003</b>	<b>1.4000e-004</b>	<b>2.5800e-003</b>	<b>0.0000</b>	<b>13.9471</b>	<b>13.9471</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>13.9556</b>

**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	0.2544	1.9325	1.6171	6.3600e-003		0.0703	0.0703		0.0647	0.0647	0.0000	558.6347	558.6347	0.1807	0.0000	563.1515
<b>Total</b>	<b>0.2544</b>	<b>1.9325</b>	<b>1.6171</b>	<b>6.3600e-003</b>	<b>0.0000</b>	<b>0.0703</b>	<b>0.0703</b>	<b>0.0000</b>	<b>0.0647</b>	<b>0.0647</b>	<b>0.0000</b>	<b>558.6347</b>	<b>558.6347</b>	<b>0.1807</b>	<b>0.0000</b>	<b>563.1515</b>

**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
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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
Vendor	2.6700e-003	0.0241	0.0189	1.1000e-004	3.7700e-003	1.2000e-004	3.8800e-003	1.1300e-003	1.1000e-004	1.2500e-003	0.0000	9.8870	9.8870	1.9000e-004	0.0000	9.8918
Worker	3.1700e-003	2.1100e-003	0.0186	4.0000e-005	4.8800e-003	3.0000e-005	4.9200e-003	1.3000e-003	3.0000e-005	1.3300e-003	0.0000	4.0600	4.0600	1.5000e-004	0.0000	4.0638
<b>Total</b>	<b>5.8400e-003</b>	<b>0.0262</b>	<b>0.0375</b>	<b>1.5000e-004</b>	<b>8.6500e-003</b>	<b>1.5000e-004</b>	<b>8.8000e-003</b>	<b>2.4300e-003</b>	<b>1.4000e-004</b>	<b>2.5800e-003</b>	<b>0.0000</b>	<b>13.9471</b>	<b>13.9471</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>13.9556</b>

### 3.19 16 LWS Pole Haul - 2023

#### 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	0.0706	0.5001	0.4610	1.8500e-003		0.0181	0.0181		0.0166	0.0166	0.0000	162.7555	162.7555	0.0526	0.0000	164.0715
<b>Total</b>	<b>0.0706</b>	<b>0.5001</b>	<b>0.4610</b>	<b>1.8500e-003</b>	<b>0.0000</b>	<b>0.0181</b>	<b>0.0181</b>	<b>0.0000</b>	<b>0.0166</b>	<b>0.0166</b>	<b>0.0000</b>	<b>162.7555</b>	<b>162.7555</b>	<b>0.0526</b>	<b>0.0000</b>	<b>164.0715</b>

#### 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	6.6000e-004	5.8700e-003	4.7400e-003	3.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	2.8542	2.8542	5.0000e-005	0.0000	2.8554

Worker	8.6000e-004	5.5000e-004	4.8200e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1381	1.1381	4.0000e-005	0.0000	1.1390
<b>Total</b>	<b>1.5200e-003</b>	<b>6.4200e-003</b>	<b>9.5600e-003</b>	<b>4.0000e-005</b>	<b>2.5200e-003</b>	<b>2.0000e-005</b>	<b>2.5400e-003</b>	<b>7.1000e-004</b>	<b>2.0000e-005</b>	<b>7.3000e-004</b>	<b>0.0000</b>	<b>3.9923</b>	<b>3.9923</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>3.9944</b>

**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	0.0706	0.5001	0.4610	1.8500e-003		0.0181	0.0181		0.0166	0.0166	0.0000	162.7553	162.7553	0.0526	0.0000	164.0713
<b>Total</b>	<b>0.0706</b>	<b>0.5001</b>	<b>0.4610</b>	<b>1.8500e-003</b>	<b>0.0000</b>	<b>0.0181</b>	<b>0.0181</b>	<b>0.0000</b>	<b>0.0166</b>	<b>0.0166</b>	<b>0.0000</b>	<b>162.7553</b>	<b>162.7553</b>	<b>0.0526</b>	<b>0.0000</b>	<b>164.0713</b>

**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	6.6000e-004	5.8700e-003	4.7400e-003	3.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	2.8542	2.8542	5.0000e-005	0.0000	2.8554
Worker	8.6000e-004	5.5000e-004	4.8200e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1381	1.1381	4.0000e-005	0.0000	1.1390
<b>Total</b>	<b>1.5200e-003</b>	<b>6.4200e-003</b>	<b>9.5600e-003</b>	<b>4.0000e-005</b>	<b>2.5200e-003</b>	<b>2.0000e-005</b>	<b>2.5400e-003</b>	<b>7.1000e-004</b>	<b>2.0000e-005</b>	<b>7.3000e-004</b>	<b>0.0000</b>	<b>3.9923</b>	<b>3.9923</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>3.9944</b>

**3.20 17 LWS Pole Assembly - 2022**

**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	0.2765	2.0851	1.8103	6.6900e-003		0.0790	0.0790		0.0733	0.0733	0.0000	587.1182	587.1182	0.1831	0.0000	591.6954
<b>Total</b>	<b>0.2765</b>	<b>2.0851</b>	<b>1.8103</b>	<b>6.6900e-003</b>	<b>0.0000</b>	<b>0.0790</b>	<b>0.0790</b>	<b>0.0000</b>	<b>0.0733</b>	<b>0.0733</b>	<b>0.0000</b>	<b>587.1182</b>	<b>587.1182</b>	<b>0.1831</b>	<b>0.0000</b>	<b>591.6954</b>

**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	2.7200e-003	0.0245	0.0193	1.1000e-004	3.8300e-003	1.2000e-004	3.9500e-003	1.1600e-003	1.1000e-004	1.2700e-003	0.0000	10.0623	10.0623	2.0000e-004	0.0000	10.0671
Worker	2.6900e-003	1.7900e-003	0.0157	4.0000e-005	4.1400e-003	3.0000e-005	4.1700e-003	1.1000e-003	3.0000e-005	1.1300e-003	0.0000	3.4433	3.4433	1.3000e-004	0.0000	3.4465
<b>Total</b>	<b>5.4100e-003</b>	<b>0.0263</b>	<b>0.0350</b>	<b>1.5000e-004</b>	<b>7.9700e-003</b>	<b>1.5000e-004</b>	<b>8.1200e-003</b>	<b>2.2600e-003</b>	<b>1.4000e-004</b>	<b>2.4000e-003</b>	<b>0.0000</b>	<b>13.5056</b>	<b>13.5056</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>13.5136</b>

**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
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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	0.2765	2.0851	1.8103	6.6900e-003		0.0790	0.0790		0.0733	0.0733	0.0000	587.1175	587.1175	0.1831	0.0000	591.6947
<b>Total</b>	<b>0.2765</b>	<b>2.0851</b>	<b>1.8103</b>	<b>6.6900e-003</b>	<b>0.0000</b>	<b>0.0790</b>	<b>0.0790</b>	<b>0.0000</b>	<b>0.0733</b>	<b>0.0733</b>	<b>0.0000</b>	<b>587.1175</b>	<b>587.1175</b>	<b>0.1831</b>	<b>0.0000</b>	<b>591.6947</b>

**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	2.7200e-003	0.0245	0.0193	1.1000e-004	3.8300e-003	1.2000e-004	3.9500e-003	1.1600e-003	1.1000e-004	1.2700e-003	0.0000	10.0623	10.0623	2.0000e-004	0.0000	10.0671
Worker	2.6900e-003	1.7900e-003	0.0157	4.0000e-005	4.1400e-003	3.0000e-005	4.1700e-003	1.1000e-003	3.0000e-005	1.1300e-003	0.0000	3.4433	3.4433	1.3000e-004	0.0000	3.4465
<b>Total</b>	<b>5.4100e-003</b>	<b>0.0263</b>	<b>0.0350</b>	<b>1.5000e-004</b>	<b>7.9700e-003</b>	<b>1.5000e-004</b>	<b>8.1200e-003</b>	<b>2.2600e-003</b>	<b>1.4000e-004</b>	<b>2.4000e-003</b>	<b>0.0000</b>	<b>13.5056</b>	<b>13.5056</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>13.5136</b>

**3.20 17 LWS Pole Assembly - 2023**

**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	0.1375	0.9710	0.9278	3.5000e-003		0.0364	0.0364		0.0338	0.0338	0.0000	306.9104	306.9104	0.0956	0.0000	309.3013

<b>Total</b>	<b>0.1375</b>	<b>0.9710</b>	<b>0.9278</b>	<b>3.5000e-003</b>	<b>0.0000</b>	<b>0.0364</b>	<b>0.0364</b>	<b>0.0000</b>	<b>0.0338</b>	<b>0.0338</b>	<b>0.0000</b>	<b>306.9104</b>	<b>306.9104</b>	<b>0.0956</b>	<b>0.0000</b>	<b>309.3013</b>
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**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	1.2100e-003	0.0107	8.6600e-003	6.0000e-005	2.0000e-003	3.0000e-005	2.0300e-003	6.0000e-004	2.0000e-005	6.3000e-004	0.0000	5.2120	5.2120	8.0000e-005	0.0000	5.2142
Worker	1.3100e-003	8.3000e-004	7.3400e-003	2.0000e-005	2.1600e-003	1.0000e-005	2.1800e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	1.7318	1.7318	6.0000e-005	0.0000	1.7333
<b>Total</b>	<b>2.5200e-003</b>	<b>0.0116</b>	<b>0.0160</b>	<b>8.0000e-005</b>	<b>4.1600e-003</b>	<b>4.0000e-005</b>	<b>4.2100e-003</b>	<b>1.1800e-003</b>	<b>3.0000e-005</b>	<b>1.2200e-003</b>	<b>0.0000</b>	<b>6.9439</b>	<b>6.9439</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>6.9475</b>

**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	0.1375	0.9710	0.9278	3.5000e-003		0.0364	0.0364		0.0338	0.0338	0.0000	306.9101	306.9101	0.0956	0.0000	309.3010
<b>Total</b>	<b>0.1375</b>	<b>0.9710</b>	<b>0.9278</b>	<b>3.5000e-003</b>	<b>0.0000</b>	<b>0.0364</b>	<b>0.0364</b>	<b>0.0000</b>	<b>0.0338</b>	<b>0.0338</b>	<b>0.0000</b>	<b>306.9101</b>	<b>306.9101</b>	<b>0.0956</b>	<b>0.0000</b>	<b>309.3010</b>

**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	1.2100e-003	0.0107	8.6600e-003	6.0000e-005	2.0000e-003	3.0000e-005	2.0300e-003	6.0000e-004	2.0000e-005	6.3000e-004	0.0000	5.2120	5.2120	8.0000e-005	0.0000	5.2142
Worker	1.3100e-003	8.3000e-004	7.3400e-003	2.0000e-005	2.1600e-003	1.0000e-005	2.1800e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	1.7318	1.7318	6.0000e-005	0.0000	1.7333
<b>Total</b>	<b>2.5200e-003</b>	<b>0.0116</b>	<b>0.0160</b>	<b>8.0000e-005</b>	<b>4.1600e-003</b>	<b>4.0000e-005</b>	<b>4.2100e-003</b>	<b>1.1800e-003</b>	<b>3.0000e-005</b>	<b>1.2200e-003</b>	<b>0.0000</b>	<b>6.9439</b>	<b>6.9439</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>6.9475</b>

### 3.21 18 Install LWS Pole - 2022

#### 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	0.3462	2.9249	2.6424	8.7800e-003		0.1111	0.1111		0.1023	0.1023	0.0000	770.7107	770.7107	0.2493	0.0000	776.9423
<b>Total</b>	<b>0.3462</b>	<b>2.9249</b>	<b>2.6424</b>	<b>8.7800e-003</b>	<b>0.0000</b>	<b>0.1111</b>	<b>0.1111</b>	<b>0.0000</b>	<b>0.1023</b>	<b>0.1023</b>	<b>0.0000</b>	<b>770.7107</b>	<b>770.7107</b>	<b>0.2493</b>	<b>0.0000</b>	<b>776.9423</b>

#### 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
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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	2.6900e-003	1.7900e-003	0.0157	4.0000e-005	4.1400e-003	3.0000e-005	4.1700e-003	1.1000e-003	3.0000e-005	1.1300e-003	0.0000	3.4433	3.4433	1.3000e-004	0.0000	3.4465
<b>Total</b>	<b>2.6900e-003</b>	<b>1.7900e-003</b>	<b>0.0157</b>	<b>4.0000e-005</b>	<b>4.1400e-003</b>	<b>3.0000e-005</b>	<b>4.1700e-003</b>	<b>1.1000e-003</b>	<b>3.0000e-005</b>	<b>1.1300e-003</b>	<b>0.0000</b>	<b>3.4433</b>	<b>3.4433</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>3.4465</b>

**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	0.3462	2.9249	2.6424	8.7800e-003		0.1111	0.1111		0.1023	0.1023	0.0000	770.7098	770.7098	0.2493	0.0000	776.9414
<b>Total</b>	<b>0.3462</b>	<b>2.9249</b>	<b>2.6424</b>	<b>8.7800e-003</b>	<b>0.0000</b>	<b>0.1111</b>	<b>0.1111</b>	<b>0.0000</b>	<b>0.1023</b>	<b>0.1023</b>	<b>0.0000</b>	<b>770.7098</b>	<b>770.7098</b>	<b>0.2493</b>	<b>0.0000</b>	<b>776.9414</b>

**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	2.6900e-003	1.7900e-003	0.0157	4.0000e-005	4.1400e-003	3.0000e-005	4.1700e-003	1.1000e-003	3.0000e-005	1.1300e-003	0.0000	3.4433	3.4433	1.3000e-004	0.0000	3.4465
<b>Total</b>	<b>2.6900e-003</b>	<b>1.7900e-003</b>	<b>0.0157</b>	<b>4.0000e-005</b>	<b>4.1400e-003</b>	<b>3.0000e-005</b>	<b>4.1700e-003</b>	<b>1.1000e-003</b>	<b>3.0000e-005</b>	<b>1.1300e-003</b>	<b>0.0000</b>	<b>3.4433</b>	<b>3.4433</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>3.4465</b>

### 3.21 18 Install LWS Pole - 2023

#### 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	0.1707	1.3505	1.3412	4.5900e-003		0.0510	0.0510		0.0470	0.0470	0.0000	402.9894	402.9894	0.1303	0.0000	406.2478
<b>Total</b>	<b>0.1707</b>	<b>1.3505</b>	<b>1.3412</b>	<b>4.5900e-003</b>	<b>0.0000</b>	<b>0.0510</b>	<b>0.0510</b>	<b>0.0000</b>	<b>0.0470</b>	<b>0.0470</b>	<b>0.0000</b>	<b>402.9894</b>	<b>402.9894</b>	<b>0.1303</b>	<b>0.0000</b>	<b>406.2478</b>

#### 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	1.3100e-003	8.3000e-004	7.3400e-003	2.0000e-005	2.1600e-003	1.0000e-005	2.1800e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	1.7318	1.7318	6.0000e-005	0.0000	1.7333
<b>Total</b>	<b>1.3100e-003</b>	<b>8.3000e-004</b>	<b>7.3400e-003</b>	<b>2.0000e-005</b>	<b>2.1600e-003</b>	<b>1.0000e-005</b>	<b>2.1800e-003</b>	<b>5.8000e-004</b>	<b>1.0000e-005</b>	<b>5.9000e-004</b>	<b>0.0000</b>	<b>1.7318</b>	<b>1.7318</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.7333</b>

**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	0.1707	1.3504	1.3412	4.5900e-003		0.0510	0.0510		0.0470	0.0470	0.0000	402.9890	402.9890	0.1303	0.0000	406.2473
<b>Total</b>	<b>0.1707</b>	<b>1.3504</b>	<b>1.3412</b>	<b>4.5900e-003</b>	<b>0.0000</b>	<b>0.0510</b>	<b>0.0510</b>	<b>0.0000</b>	<b>0.0470</b>	<b>0.0470</b>	<b>0.0000</b>	<b>402.9890</b>	<b>402.9890</b>	<b>0.1303</b>	<b>0.0000</b>	<b>406.2473</b>

**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	1.3100e-003	8.3000e-004	7.3400e-003	2.0000e-005	2.1600e-003	1.0000e-005	2.1800e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	1.7318	1.7318	6.0000e-005	0.0000	1.7333
<b>Total</b>	<b>1.3100e-003</b>	<b>8.3000e-004</b>	<b>7.3400e-003</b>	<b>2.0000e-005</b>	<b>2.1600e-003</b>	<b>1.0000e-005</b>	<b>2.1800e-003</b>	<b>5.8000e-004</b>	<b>1.0000e-005</b>	<b>5.9000e-004</b>	<b>0.0000</b>	<b>1.7318</b>	<b>1.7318</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.7333</b>

**3.22 19 LWS H-Frame Haul - 2023**

**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
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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	8.9900e-003	0.0742	0.0646	2.2000e-004		2.8200e-003	2.8200e-003		2.5900e-003	2.5900e-003	0.0000	19.2690	19.2690	6.2300e-003	0.0000	19.4248
<b>Total</b>	<b>8.9900e-003</b>	<b>0.0742</b>	<b>0.0646</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>2.8200e-003</b>	<b>2.8200e-003</b>	<b>0.0000</b>	<b>2.5900e-003</b>	<b>2.5900e-003</b>	<b>0.0000</b>	<b>19.2690</b>	<b>19.2690</b>	<b>6.2300e-003</b>	<b>0.0000</b>	<b>19.4248</b>

**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-004	3.5800e-003	2.8900e-003	2.0000e-005	6.7000e-004	1.0000e-005	6.8000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	1.7374	1.7374	3.0000e-005	0.0000	1.7381
Worker	5.3000e-004	3.3000e-004	2.9400e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.7000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.6927	0.6927	2.0000e-005	0.0000	0.6933
<b>Total</b>	<b>9.3000e-004</b>	<b>3.9100e-003</b>	<b>5.8300e-003</b>	<b>3.0000e-005</b>	<b>1.5400e-003</b>	<b>2.0000e-005</b>	<b>1.5500e-003</b>	<b>4.3000e-004</b>	<b>2.0000e-005</b>	<b>4.5000e-004</b>	<b>0.0000</b>	<b>2.4301</b>	<b>2.4301</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>2.4314</b>

**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	8.9900e-003	0.0742	0.0646	2.2000e-004		2.8200e-003	2.8200e-003		2.5900e-003	2.5900e-003	0.0000	19.2689	19.2689	6.2300e-003	0.0000	19.4247

<b>Total</b>	<b>8.9900e-003</b>	<b>0.0742</b>	<b>0.0646</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>2.8200e-003</b>	<b>2.8200e-003</b>	<b>0.0000</b>	<b>2.5900e-003</b>	<b>2.5900e-003</b>	<b>0.0000</b>	<b>19.2689</b>	<b>19.2689</b>	<b>6.2300e-003</b>	<b>0.0000</b>	<b>19.4247</b>
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**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-004	3.5800e-003	2.8900e-003	2.0000e-005	6.7000e-004	1.0000e-005	6.8000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	1.7374	1.7374	3.0000e-005	0.0000	1.7381
Worker	5.3000e-004	3.3000e-004	2.9400e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.7000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.6927	0.6927	2.0000e-005	0.0000	0.6933
<b>Total</b>	<b>9.3000e-004</b>	<b>3.9100e-003</b>	<b>5.8300e-003</b>	<b>3.0000e-005</b>	<b>1.5400e-003</b>	<b>2.0000e-005</b>	<b>1.5500e-003</b>	<b>4.3000e-004</b>	<b>2.0000e-005</b>	<b>4.5000e-004</b>	<b>0.0000</b>	<b>2.4301</b>	<b>2.4301</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>2.4314</b>

**3.23 20 LWS H-Frame Assembly - 2023**

**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	0.0144	0.1123	0.1029	3.5000e-004		4.3200e-003	4.3200e-003		4.0100e-003	4.0100e-003	0.0000	30.7528	30.7528	9.5800e-003	0.0000	30.9924
<b>Total</b>	<b>0.0144</b>	<b>0.1123</b>	<b>0.1029</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>4.3200e-003</b>	<b>4.3200e-003</b>	<b>0.0000</b>	<b>4.0100e-003</b>	<b>4.0100e-003</b>	<b>0.0000</b>	<b>30.7528</b>	<b>30.7528</b>	<b>9.5800e-003</b>	<b>0.0000</b>	<b>30.9924</b>

**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	4.8000e-004	4.2900e-003	3.4600e-003	2.0000e-005	8.0000e-004	1.0000e-005	8.1000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	2.0848	2.0848	3.0000e-005	0.0000	2.0857
Worker	5.3000e-004	3.3000e-004	2.9400e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.7000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.6927	0.6927	2.0000e-005	0.0000	0.6933
<b>Total</b>	<b>1.0100e-003</b>	<b>4.6200e-003</b>	<b>6.4000e-003</b>	<b>3.0000e-005</b>	<b>1.6700e-003</b>	<b>2.0000e-005</b>	<b>1.6800e-003</b>	<b>4.7000e-004</b>	<b>2.0000e-005</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>2.7776</b>	<b>2.7776</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>2.7790</b>

**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	0.0144	0.1123	0.1029	3.5000e-004		4.3200e-003	4.3200e-003		4.0100e-003	4.0100e-003	0.0000	30.7528	30.7528	9.5800e-003	0.0000	30.9924
<b>Total</b>	<b>0.0144</b>	<b>0.1123</b>	<b>0.1029</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>4.3200e-003</b>	<b>4.3200e-003</b>	<b>0.0000</b>	<b>4.0100e-003</b>	<b>4.0100e-003</b>	<b>0.0000</b>	<b>30.7528</b>	<b>30.7528</b>	<b>9.5800e-003</b>	<b>0.0000</b>	<b>30.9924</b>

**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
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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
Vendor	4.8000e-004	4.2900e-003	3.4600e-003	2.0000e-005	8.0000e-004	1.0000e-005	8.1000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	2.0848	2.0848	3.0000e-005	0.0000	2.0857
Worker	5.3000e-004	3.3000e-004	2.9400e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.7000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.6927	0.6927	2.0000e-005	0.0000	0.6933
<b>Total</b>	<b>1.0100e-003</b>	<b>4.6200e-003</b>	<b>6.4000e-003</b>	<b>3.0000e-005</b>	<b>1.6700e-003</b>	<b>2.0000e-005</b>	<b>1.6800e-003</b>	<b>4.7000e-004</b>	<b>2.0000e-005</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>2.7776</b>	<b>2.7776</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>2.7790</b>

### 3.24 21 Install LWS H-Frame - 2023

#### 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	0.0171	0.1350	0.1341	4.6000e-004		5.1000e-003	5.1000e-003		4.7000e-003	4.7000e-003	0.0000	40.2989	40.2989	0.0130	0.0000	40.6248
<b>Total</b>	<b>0.0171</b>	<b>0.1350</b>	<b>0.1341</b>	<b>4.6000e-004</b>	<b>0.0000</b>	<b>5.1000e-003</b>	<b>5.1000e-003</b>	<b>0.0000</b>	<b>4.7000e-003</b>	<b>4.7000e-003</b>	<b>0.0000</b>	<b>40.2989</b>	<b>40.2989</b>	<b>0.0130</b>	<b>0.0000</b>	<b>40.6248</b>

#### Unmitigated Construction Off-Site

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

Worker	5.3000e-004	3.3000e-004	2.9400e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.7000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.6927	0.6927	2.0000e-005	0.0000	0.6933
<b>Total</b>	<b>5.3000e-004</b>	<b>3.3000e-004</b>	<b>2.9400e-003</b>	<b>1.0000e-005</b>	<b>8.7000e-004</b>	<b>1.0000e-005</b>	<b>8.7000e-004</b>	<b>2.3000e-004</b>	<b>1.0000e-005</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.6927</b>	<b>0.6927</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.6933</b>

**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	0.0171	0.1350	0.1341	4.6000e-004		5.1000e-003	5.1000e-003		4.7000e-003	4.7000e-003	0.0000	40.2989	40.2989	0.0130	0.0000	40.6247
<b>Total</b>	<b>0.0171</b>	<b>0.1350</b>	<b>0.1341</b>	<b>4.6000e-004</b>	<b>0.0000</b>	<b>5.1000e-003</b>	<b>5.1000e-003</b>	<b>0.0000</b>	<b>4.7000e-003</b>	<b>4.7000e-003</b>	<b>0.0000</b>	<b>40.2989</b>	<b>40.2989</b>	<b>0.0130</b>	<b>0.0000</b>	<b>40.6247</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3000e-004	3.3000e-004	2.9400e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.7000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.6927	0.6927	2.0000e-005	0.0000	0.6933
<b>Total</b>	<b>5.3000e-004</b>	<b>3.3000e-004</b>	<b>2.9400e-003</b>	<b>1.0000e-005</b>	<b>8.7000e-004</b>	<b>1.0000e-005</b>	<b>8.7000e-004</b>	<b>2.3000e-004</b>	<b>1.0000e-005</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.6927</b>	<b>0.6927</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.6933</b>

**3.25 22 Install Conductor OPGW - 2023**

**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	2.8149	20.2681	18.3231	0.0736		0.7403	0.7403		0.6811	0.6811	0.0000	6,460.9456	6,460.9456	2.0896	0.0000	6,513.1856
<b>Total</b>	<b>2.8149</b>	<b>20.2681</b>	<b>18.3231</b>	<b>0.0736</b>	<b>0.0000</b>	<b>0.7403</b>	<b>0.7403</b>	<b>0.0000</b>	<b>0.6811</b>	<b>0.6811</b>	<b>0.0000</b>	<b>6,460.9456</b>	<b>6,460.9456</b>	<b>2.0896</b>	<b>0.0000</b>	<b>6,513.1856</b>

**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	0.0376	0.3334	0.2692	1.7300e-003	0.0623	8.0000e-004	0.0630	0.0188	7.6000e-004	0.0195	0.0000	162.0201	162.0201	2.6400e-003	0.0000	162.0861
Worker	0.1633	0.1036	0.9128	2.3800e-003	0.2690	1.8100e-003	0.2708	0.0715	1.6700e-003	0.0732	0.0000	215.3420	215.3420	7.2400e-003	0.0000	215.5231
<b>Total</b>	<b>0.2009</b>	<b>0.4370</b>	<b>1.1820</b>	<b>4.1100e-003</b>	<b>0.3313</b>	<b>2.6100e-003</b>	<b>0.3339</b>	<b>0.0903</b>	<b>2.4300e-003</b>	<b>0.0927</b>	<b>0.0000</b>	<b>377.3622</b>	<b>377.3622</b>	<b>9.8800e-003</b>	<b>0.0000</b>	<b>377.6092</b>

**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
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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	2.8149	20.2681	18.3231	0.0736		0.7403	0.7403		0.6811	0.6811	0.0000	6,460.9379	6,460.9379	2.0896	0.0000	6,513.1778
<b>Total</b>	<b>2.8149</b>	<b>20.2681</b>	<b>18.3231</b>	<b>0.0736</b>	<b>0.0000</b>	<b>0.7403</b>	<b>0.7403</b>	<b>0.0000</b>	<b>0.6811</b>	<b>0.6811</b>	<b>0.0000</b>	<b>6,460.9379</b>	<b>6,460.9379</b>	<b>2.0896</b>	<b>0.0000</b>	<b>6,513.1778</b>

**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
Vendor	0.0376	0.3334	0.2692	1.7300e-003	0.0623	8.0000e-004	0.0630	0.0188	7.6000e-004	0.0195	0.0000	162.0201	162.0201	2.6400e-003	0.0000	162.0861
Worker	0.1633	0.1036	0.9128	2.3800e-003	0.2690	1.8100e-003	0.2708	0.0715	1.6700e-003	0.0732	0.0000	215.3420	215.3420	7.2400e-003	0.0000	215.5231
<b>Total</b>	<b>0.2009</b>	<b>0.4370</b>	<b>1.1820</b>	<b>4.1100e-003</b>	<b>0.3313</b>	<b>2.6100e-003</b>	<b>0.3339</b>	<b>0.0903</b>	<b>2.4300e-003</b>	<b>0.0927</b>	<b>0.0000</b>	<b>377.3622</b>	<b>377.3622</b>	<b>9.8800e-003</b>	<b>0.0000</b>	<b>377.6092</b>

**3.26 22A Install Conductor OPGW - 2023**

**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					0.0673	0.0000	0.0673	7.2700e-003	0.0000	7.2700e-003	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4124	2.9200	2.6913	0.0108		0.1056	0.1056		0.0971	0.0971	0.0000	950.2497	950.2497	0.3073	0.0000	957.9329

<b>Total</b>	<b>0.4124</b>	<b>2.9200</b>	<b>2.6913</b>	<b>0.0108</b>	<b>0.0673</b>	<b>0.1056</b>	<b>0.1729</b>	<b>7.2700e-003</b>	<b>0.0971</b>	<b>0.1044</b>	<b>0.0000</b>	<b>950.2497</b>	<b>950.2497</b>	<b>0.3073</b>	<b>0.0000</b>	<b>957.9329</b>
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**Unmitigated Construction Off-Site**

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

**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					0.0263	0.0000	0.0263	2.8400e-003	0.0000	2.8400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4124	2.9200	2.6913	0.0108		0.1056	0.1056		0.0971	0.0971	0.0000	950.2485	950.2485	0.3073	0.0000	957.9318
<b>Total</b>	<b>0.4124</b>	<b>2.9200</b>	<b>2.6913</b>	<b>0.0108</b>	<b>0.0263</b>	<b>0.1056</b>	<b>0.1318</b>	<b>2.8400e-003</b>	<b>0.0971</b>	<b>0.1000</b>	<b>0.0000</b>	<b>950.2485</b>	<b>950.2485</b>	<b>0.3073</b>	<b>0.0000</b>	<b>957.9318</b>

**Mitigated Construction Off-Site**

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

### 3.27 22B Install Conductor OPGW - 2023

#### 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	0.1607	1.6143	1.2435	4.3800e-003		0.0613	0.0613		0.0564	0.0564	0.0000	384.7953	384.7953	0.1245	0.0000	387.9066
<b>Total</b>	<b>0.1607</b>	<b>1.6143</b>	<b>1.2435</b>	<b>4.3800e-003</b>	<b>0.0000</b>	<b>0.0613</b>	<b>0.0613</b>	<b>0.0000</b>	<b>0.0564</b>	<b>0.0564</b>	<b>0.0000</b>	<b>384.7953</b>	<b>384.7953</b>	<b>0.1245</b>	<b>0.0000</b>	<b>387.9066</b>

#### 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
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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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	0.1607	1.6143	1.2435	4.3800e-003		0.0613	0.0613		0.0564	0.0564	0.0000	384.7949	384.7949	0.1245	0.0000	387.9062
<b>Total</b>	<b>0.1607</b>	<b>1.6143</b>	<b>1.2435</b>	<b>4.3800e-003</b>	<b>0.0000</b>	<b>0.0613</b>	<b>0.0613</b>	<b>0.0000</b>	<b>0.0564</b>	<b>0.0564</b>	<b>0.0000</b>	<b>384.7949</b>	<b>384.7949</b>	<b>0.1245</b>	<b>0.0000</b>	<b>387.9062</b>

**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



**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	0.3043	2.5860	2.1624	8.1400e-003		0.0961	0.0961		0.0885	0.0885	0.0000	714.4476	714.4476	0.2311	0.0000	720.2243
<b>Total</b>	<b>0.3043</b>	<b>2.5860</b>	<b>2.1624</b>	<b>8.1400e-003</b>	<b>0.0000</b>	<b>0.0961</b>	<b>0.0961</b>	<b>0.0000</b>	<b>0.0885</b>	<b>0.0885</b>	<b>0.0000</b>	<b>714.4476</b>	<b>714.4476</b>	<b>0.2311</b>	<b>0.0000</b>	<b>720.2243</b>

**Mitigated Construction Off-Site**

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

**3.29 22D Install Conductor OPGW - 2023**

**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
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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	0.0165	0.1365	0.2762	4.3000e-004		6.8700e-003	6.8700e-003		6.3200e-003	6.3200e-003	0.0000	38.1620	38.1620	0.0123	0.0000	38.4706
<b>Total</b>	<b>0.0165</b>	<b>0.1365</b>	<b>0.2762</b>	<b>4.3000e-004</b>	<b>0.0000</b>	<b>6.8700e-003</b>	<b>6.8700e-003</b>	<b>0.0000</b>	<b>6.3200e-003</b>	<b>6.3200e-003</b>	<b>0.0000</b>	<b>38.1620</b>	<b>38.1620</b>	<b>0.0123</b>	<b>0.0000</b>	<b>38.4706</b>

**Unmitigated Construction Off-Site**

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

**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	0.0165	0.1365	0.2762	4.3000e-004		6.8700e-003	6.8700e-003		6.3200e-003	6.3200e-003	0.0000	38.1620	38.1620	0.0123	0.0000	38.4705

<b>Total</b>	<b>0.0165</b>	<b>0.1365</b>	<b>0.2762</b>	<b>4.3000e-004</b>	<b>0.0000</b>	<b>6.8700e-003</b>	<b>6.8700e-003</b>	<b>0.0000</b>	<b>6.3200e-003</b>	<b>6.3200e-003</b>	<b>0.0000</b>	<b>38.1620</b>	<b>38.1620</b>	<b>0.0123</b>	<b>0.0000</b>	<b>38.4705</b>
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**Mitigated Construction Off-Site**

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

**3.30 23 Install/Remove Guard Structures - 2023**

**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	0.0836	0.6743	0.5916	2.0600e-003		0.0254	0.0254		0.0234	0.0234	0.0000	181.1846	181.1846	0.0586	0.0000	182.6496
<b>Total</b>	<b>0.0836</b>	<b>0.6743</b>	<b>0.5916</b>	<b>2.0600e-003</b>	<b>0.0000</b>	<b>0.0254</b>	<b>0.0254</b>	<b>0.0000</b>	<b>0.0234</b>	<b>0.0234</b>	<b>0.0000</b>	<b>181.1846</b>	<b>181.1846</b>	<b>0.0586</b>	<b>0.0000</b>	<b>182.6496</b>

**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	5.0600e-003	0.0449	0.0363	2.3000e-004	8.3900e-003	1.1000e-004	8.5000e-003	2.5300e-003	1.0000e-004	2.6300e-003	0.0000	21.8410	21.8410	3.6000e-004	0.0000	21.8498
Worker	4.1300e-003	2.6200e-003	0.0231	6.0000e-005	6.8000e-003	5.0000e-005	6.8400e-003	1.8100e-003	4.0000e-005	1.8500e-003	0.0000	5.4429	5.4429	1.8000e-004	0.0000	5.4475
<b>Total</b>	<b>9.1900e-003</b>	<b>0.0476</b>	<b>0.0594</b>	<b>2.9000e-004</b>	<b>0.0152</b>	<b>1.6000e-004</b>	<b>0.0153</b>	<b>4.3400e-003</b>	<b>1.4000e-004</b>	<b>4.4800e-003</b>	<b>0.0000</b>	<b>27.2839</b>	<b>27.2839</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>27.2974</b>

**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	0.0836	0.6743	0.5916	2.0600e-003		0.0254	0.0254		0.0234	0.0234	0.0000	181.1844	181.1844	0.0586	0.0000	182.6493
<b>Total</b>	<b>0.0836</b>	<b>0.6743</b>	<b>0.5916</b>	<b>2.0600e-003</b>	<b>0.0000</b>	<b>0.0254</b>	<b>0.0254</b>	<b>0.0000</b>	<b>0.0234</b>	<b>0.0234</b>	<b>0.0000</b>	<b>181.1844</b>	<b>181.1844</b>	<b>0.0586</b>	<b>0.0000</b>	<b>182.6493</b>

**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
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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	5.0600e-003	0.0449	0.0363	2.3000e-004	8.3900e-003	1.1000e-004	8.5000e-003	2.5300e-003	1.0000e-004	2.6300e-003	0.0000	21.8410	21.8410	3.6000e-004	0.0000	21.8498
Worker	4.1300e-003	2.6200e-003	0.0231	6.0000e-005	6.8000e-003	5.0000e-005	6.8400e-003	1.8100e-003	4.0000e-005	1.8500e-003	0.0000	5.4429	5.4429	1.8000e-004	0.0000	5.4475
<b>Total</b>	<b>9.1900e-003</b>	<b>0.0476</b>	<b>0.0594</b>	<b>2.9000e-004</b>	<b>0.0152</b>	<b>1.6000e-004</b>	<b>0.0153</b>	<b>4.3400e-003</b>	<b>1.4000e-004</b>	<b>4.4800e-003</b>	<b>0.0000</b>	<b>27.2839</b>	<b>27.2839</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>27.2974</b>

### 3.31 24 33 kV line realignment - 2023

#### 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	7.2100e-003	0.0561	0.0515	1.8000e-004		2.1600e-003	2.1600e-003		2.0000e-003	2.0000e-003	0.0000	15.3764	15.3764	4.7900e-003	0.0000	15.4962
<b>Total</b>	<b>7.2100e-003</b>	<b>0.0561</b>	<b>0.0515</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>2.1600e-003</b>	<b>2.1600e-003</b>	<b>0.0000</b>	<b>2.0000e-003</b>	<b>2.0000e-003</b>	<b>0.0000</b>	<b>15.3764</b>	<b>15.3764</b>	<b>4.7900e-003</b>	<b>0.0000</b>	<b>15.4962</b>

#### 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	2.6000e-004	1.7000e-004	1.4700e-003	0.0000	4.3000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3464	0.3464	1.0000e-005	0.0000	0.3467
<b>Total</b>	<b>2.6000e-004</b>	<b>1.7000e-004</b>	<b>1.4700e-003</b>	<b>0.0000</b>	<b>4.3000e-004</b>	<b>0.0000</b>	<b>4.4000e-004</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>0.3464</b>	<b>0.3464</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3467</b>

**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	7.2100e-003	0.0561	0.0515	1.8000e-004		2.1600e-003	2.1600e-003		2.0000e-003	2.0000e-003	0.0000	15.3764	15.3764	4.7900e-003	0.0000	15.4962
<b>Total</b>	<b>7.2100e-003</b>	<b>0.0561</b>	<b>0.0515</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>2.1600e-003</b>	<b>2.1600e-003</b>	<b>0.0000</b>	<b>2.0000e-003</b>	<b>2.0000e-003</b>	<b>0.0000</b>	<b>15.3764</b>	<b>15.3764</b>	<b>4.7900e-003</b>	<b>0.0000</b>	<b>15.4962</b>

**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	2.6000e-004	1.7000e-004	1.4700e-003	0.0000	4.3000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3464	0.3464	1.0000e-005	0.0000	0.3467
<b>Total</b>	<b>2.6000e-004</b>	<b>1.7000e-004</b>	<b>1.4700e-003</b>	<b>0.0000</b>	<b>4.3000e-004</b>	<b>0.0000</b>	<b>4.4000e-004</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>0.3464</b>	<b>0.3464</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3467</b>

**3.32 25 Telecommunications Underground Infrastructure**

**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	0.1134	0.8070	0.7986	2.9300e-003		0.0302	0.0302		0.0279	0.0279	0.0000	257.3175	257.3175	0.0818	0.0000	259.3627
<b>Total</b>	<b>0.1134</b>	<b>0.8070</b>	<b>0.7986</b>	<b>2.9300e-003</b>	<b>0.0000</b>	<b>0.0302</b>	<b>0.0302</b>	<b>0.0000</b>	<b>0.0279</b>	<b>0.0279</b>	<b>0.0000</b>	<b>257.3175</b>	<b>257.3175</b>	<b>0.0818</b>	<b>0.0000</b>	<b>259.3627</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0800e-003	1.9500e-003	0.0172	4.0000e-005	5.0700e-003	3.0000e-005	5.1000e-003	1.3500e-003	3.0000e-005	1.3800e-003	0.0000	4.0575	4.0575	1.4000e-004	0.0000	4.0609
<b>Total</b>	<b>3.0800e-003</b>	<b>1.9500e-003</b>	<b>0.0172</b>	<b>4.0000e-005</b>	<b>5.0700e-003</b>	<b>3.0000e-005</b>	<b>5.1000e-003</b>	<b>1.3500e-003</b>	<b>3.0000e-005</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>4.0575</b>	<b>4.0575</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>4.0609</b>

**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
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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	0.1134	0.8070	0.7986	2.9300e-003		0.0302	0.0302		0.0279	0.0279	0.0000	257.3172	257.3172	0.0818	0.0000	259.3624
<b>Total</b>	<b>0.1134</b>	<b>0.8070</b>	<b>0.7986</b>	<b>2.9300e-003</b>	<b>0.0000</b>	<b>0.0302</b>	<b>0.0302</b>	<b>0.0000</b>	<b>0.0279</b>	<b>0.0279</b>	<b>0.0000</b>	<b>257.3172</b>	<b>257.3172</b>	<b>0.0818</b>	<b>0.0000</b>	<b>259.3624</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0800e-003	1.9500e-003	0.0172	4.0000e-005	5.0700e-003	3.0000e-005	5.1000e-003	1.3500e-003	3.0000e-005	1.3800e-003	0.0000	4.0575	4.0575	1.4000e-004	0.0000	4.0609
<b>Total</b>	<b>3.0800e-003</b>	<b>1.9500e-003</b>	<b>0.0172</b>	<b>4.0000e-005</b>	<b>5.0700e-003</b>	<b>3.0000e-005</b>	<b>5.1000e-003</b>	<b>1.3500e-003</b>	<b>3.0000e-005</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>4.0575</b>	<b>4.0575</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>4.0609</b>

**3.33 26 Telecommunications Pole Haul - 2023**

**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	0.0364	0.2578	0.2376	9.6000e-004		9.3200e-003	9.3200e-003		8.5800e-003	8.5800e-003	0.0000	83.9050	83.9050	0.0271	0.0000	84.5834

<b>Total</b>	<b>0.0364</b>	<b>0.2578</b>	<b>0.2376</b>	<b>9.6000e-004</b>	<b>0.0000</b>	<b>9.3200e-003</b>	<b>9.3200e-003</b>	<b>0.0000</b>	<b>8.5800e-003</b>	<b>8.5800e-003</b>	<b>0.0000</b>	<b>83.9050</b>	<b>83.9050</b>	<b>0.0271</b>	<b>0.0000</b>	<b>84.5834</b>
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**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	1.2900e-003	0.0114	9.2400e-003	6.0000e-005	2.1400e-003	3.0000e-005	2.1600e-003	6.4000e-004	3.0000e-005	6.7000e-004	0.0000	5.5595	5.5595	9.0000e-005	0.0000	5.5618
Worker	1.2600e-003	8.0000e-004	7.0500e-003	2.0000e-005	2.0800e-003	1.0000e-005	2.0900e-003	5.5000e-004	1.0000e-005	5.6000e-004	0.0000	1.6626	1.6626	6.0000e-005	0.0000	1.6640
<b>Total</b>	<b>2.5500e-003</b>	<b>0.0122</b>	<b>0.0163</b>	<b>8.0000e-005</b>	<b>4.2200e-003</b>	<b>4.0000e-005</b>	<b>4.2500e-003</b>	<b>1.1900e-003</b>	<b>4.0000e-005</b>	<b>1.2300e-003</b>	<b>0.0000</b>	<b>7.2221</b>	<b>7.2221</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>7.2258</b>

**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	0.0364	0.2578	0.2376	9.6000e-004		9.3200e-003	9.3200e-003		8.5800e-003	8.5800e-003	0.0000	83.9049	83.9049	0.0271	0.0000	84.5833
<b>Total</b>	<b>0.0364</b>	<b>0.2578</b>	<b>0.2376</b>	<b>9.6000e-004</b>	<b>0.0000</b>	<b>9.3200e-003</b>	<b>9.3200e-003</b>	<b>0.0000</b>	<b>8.5800e-003</b>	<b>8.5800e-003</b>	<b>0.0000</b>	<b>83.9049</b>	<b>83.9049</b>	<b>0.0271</b>	<b>0.0000</b>	<b>84.5833</b>

**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	1.2900e-003	0.0114	9.2400e-003	6.0000e-005	2.1400e-003	3.0000e-005	2.1600e-003	6.4000e-004	3.0000e-005	6.7000e-004	0.0000	5.5595	5.5595	9.0000e-005	0.0000	5.5618
Worker	1.2600e-003	8.0000e-004	7.0500e-003	2.0000e-005	2.0800e-003	1.0000e-005	2.0900e-003	5.5000e-004	1.0000e-005	5.6000e-004	0.0000	1.6626	1.6626	6.0000e-005	0.0000	1.6640
<b>Total</b>	<b>2.5500e-003</b>	<b>0.0122</b>	<b>0.0163</b>	<b>8.0000e-005</b>	<b>4.2200e-003</b>	<b>4.0000e-005</b>	<b>4.2500e-003</b>	<b>1.1900e-003</b>	<b>4.0000e-005</b>	<b>1.2300e-003</b>	<b>0.0000</b>	<b>7.2221</b>	<b>7.2221</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>7.2258</b>

### 3.34 27 Telecommunications Pole Assembly - 2023

#### 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					5.8300e-003	0.0000	5.8300e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0361	0.2758	0.2531	8.9000e-004		0.0105	0.0105		9.7200e-003	9.7200e-003	0.0000	78.1856	78.1856	0.0246	0.0000	78.7996
<b>Total</b>	<b>0.0361</b>	<b>0.2758</b>	<b>0.2531</b>	<b>8.9000e-004</b>	<b>5.8300e-003</b>	<b>0.0105</b>	<b>0.0163</b>	<b>6.3000e-004</b>	<b>9.7200e-003</b>	<b>0.0104</b>	<b>0.0000</b>	<b>78.1856</b>	<b>78.1856</b>	<b>0.0246</b>	<b>0.0000</b>	<b>78.7996</b>

#### 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
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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
Vendor	9.7000e-004	8.5800e-003	6.9300e-003	4.0000e-005	1.6000e-003	2.0000e-005	1.6200e-003	4.8000e-004	2.0000e-005	5.0000e-004	0.0000	4.1696	4.1696	7.0000e-005	0.0000	4.1713
Worker	1.0500e-003	6.7000e-004	5.8700e-003	2.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.3855	1.3855	5.0000e-005	0.0000	1.3866
<b>Total</b>	<b>2.0200e-003</b>	<b>9.2500e-003</b>	<b>0.0128</b>	<b>6.0000e-005</b>	<b>3.3300e-003</b>	<b>3.0000e-005</b>	<b>3.3600e-003</b>	<b>9.4000e-004</b>	<b>3.0000e-005</b>	<b>9.7000e-004</b>	<b>0.0000</b>	<b>5.5551</b>	<b>5.5551</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>5.5580</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2700e-003	0.0000	2.2700e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0361	0.2758	0.2531	8.9000e-004		0.0105	0.0105		9.7200e-003	9.7200e-003	0.0000	78.1855	78.1855	0.0246	0.0000	78.7995
<b>Total</b>	<b>0.0361</b>	<b>0.2758</b>	<b>0.2531</b>	<b>8.9000e-004</b>	<b>2.2700e-003</b>	<b>0.0105</b>	<b>0.0128</b>	<b>2.5000e-004</b>	<b>9.7200e-003</b>	<b>9.9700e-003</b>	<b>0.0000</b>	<b>78.1855</b>	<b>78.1855</b>	<b>0.0246</b>	<b>0.0000</b>	<b>78.7995</b>

**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	9.7000e-004	8.5800e-003	6.9300e-003	4.0000e-005	1.6000e-003	2.0000e-005	1.6200e-003	4.8000e-004	2.0000e-005	5.0000e-004	0.0000	4.1696	4.1696	7.0000e-005	0.0000	4.1713

Worker	1.0500e-003	6.7000e-004	5.8700e-003	2.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.3855	1.3855	5.0000e-005	0.0000	1.3866
<b>Total</b>	<b>2.0200e-003</b>	<b>9.2500e-003</b>	<b>0.0128</b>	<b>6.0000e-005</b>	<b>3.3300e-003</b>	<b>3.0000e-005</b>	<b>3.3600e-003</b>	<b>9.4000e-004</b>	<b>3.0000e-005</b>	<b>9.7000e-004</b>	<b>0.0000</b>	<b>5.5551</b>	<b>5.5551</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>5.5580</b>

### 3.35 28 Telecommunications Pole Installation, Independence Tap

#### 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					0.3022	0.0000	0.3022	0.0326	0.0000	0.0326	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0356	0.2546	0.2573	9.2000e-004		9.6400e-003	9.6400e-003		8.8700e-003	8.8700e-003	0.0000	80.9296	80.9296	0.0262	0.0000	81.5840
<b>Total</b>	<b>0.0356</b>	<b>0.2546</b>	<b>0.2573</b>	<b>9.2000e-004</b>	<b>0.3022</b>	<b>9.6400e-003</b>	<b>0.3119</b>	<b>0.0326</b>	<b>8.8700e-003</b>	<b>0.0415</b>	<b>0.0000</b>	<b>80.9296</b>	<b>80.9296</b>	<b>0.0262</b>	<b>0.0000</b>	<b>81.5840</b>

#### 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	1.0500e-003	6.7000e-004	5.8700e-003	2.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.3855	1.3855	5.0000e-005	0.0000	1.3866
<b>Total</b>	<b>1.0500e-003</b>	<b>6.7000e-004</b>	<b>5.8700e-003</b>	<b>2.0000e-005</b>	<b>1.7300e-003</b>	<b>1.0000e-005</b>	<b>1.7400e-003</b>	<b>4.6000e-004</b>	<b>1.0000e-005</b>	<b>4.7000e-004</b>	<b>0.0000</b>	<b>1.3855</b>	<b>1.3855</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>1.3866</b>

**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					0.1179	0.0000	0.1179	0.0127	0.0000	0.0127	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0356	0.2546	0.2573	9.2000e-004		9.6400e-003	9.6400e-003		8.8700e-003	8.8700e-003	0.0000	80.9295	80.9295	0.0262	0.0000	81.5839
<b>Total</b>	<b>0.0356</b>	<b>0.2546</b>	<b>0.2573</b>	<b>9.2000e-004</b>	<b>0.1179</b>	<b>9.6400e-003</b>	<b>0.1275</b>	<b>0.0127</b>	<b>8.8700e-003</b>	<b>0.0216</b>	<b>0.0000</b>	<b>80.9295</b>	<b>80.9295</b>	<b>0.0262</b>	<b>0.0000</b>	<b>81.5839</b>

**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	1.0500e-003	6.7000e-004	5.8700e-003	2.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.3855	1.3855	5.0000e-005	0.0000	1.3866
<b>Total</b>	<b>1.0500e-003</b>	<b>6.7000e-004</b>	<b>5.8700e-003</b>	<b>2.0000e-005</b>	<b>1.7300e-003</b>	<b>1.0000e-005</b>	<b>1.7400e-003</b>	<b>4.6000e-004</b>	<b>1.0000e-005</b>	<b>4.7000e-004</b>	<b>0.0000</b>	<b>1.3855</b>	<b>1.3855</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>1.3866</b>

**3.36 29 Restoration - 2023**

**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
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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	0.2064	2.0077	1.2472	4.4300e-003		0.0704	0.0704		0.0648	0.0648	0.0000	389.3024	389.3024	0.1259	0.0000	392.4502
<b>Total</b>	<b>0.2064</b>	<b>2.0077</b>	<b>1.2472</b>	<b>4.4300e-003</b>	<b>0.0000</b>	<b>0.0704</b>	<b>0.0704</b>	<b>0.0000</b>	<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>389.3024</b>	<b>389.3024</b>	<b>0.1259</b>	<b>0.0000</b>	<b>392.4502</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.2000e-003	5.8300e-003	0.0514	1.3000e-004	0.0151	1.0000e-004	0.0153	4.0300e-003	9.0000e-005	4.1200e-003	0.0000	12.1229	12.1229	4.1000e-004	0.0000	12.1331
<b>Total</b>	<b>9.2000e-003</b>	<b>5.8300e-003</b>	<b>0.0514</b>	<b>1.3000e-004</b>	<b>0.0151</b>	<b>1.0000e-004</b>	<b>0.0153</b>	<b>4.0300e-003</b>	<b>9.0000e-005</b>	<b>4.1200e-003</b>	<b>0.0000</b>	<b>12.1229</b>	<b>12.1229</b>	<b>4.1000e-004</b>	<b>0.0000</b>	<b>12.1331</b>

**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	0.2064	2.0077	1.2472	4.4300e-003		0.0704	0.0704		0.0648	0.0648	0.0000	389.3020	389.3020	0.1259	0.0000	392.4497

<b>Total</b>	<b>0.2064</b>	<b>2.0077</b>	<b>1.2472</b>	<b>4.4300e-003</b>	<b>0.0000</b>	<b>0.0704</b>	<b>0.0704</b>	<b>0.0000</b>	<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>389.3020</b>	<b>389.3020</b>	<b>0.1259</b>	<b>0.0000</b>	<b>392.4497</b>
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**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.2000e-003	5.8300e-003	0.0514	1.3000e-004	0.0151	1.0000e-004	0.0153	4.0300e-003	9.0000e-005	4.1200e-003	0.0000	12.1229	12.1229	4.1000e-004	0.0000	12.1331
<b>Total</b>	<b>9.2000e-003</b>	<b>5.8300e-003</b>	<b>0.0514</b>	<b>1.3000e-004</b>	<b>0.0151</b>	<b>1.0000e-004</b>	<b>0.0153</b>	<b>4.0300e-003</b>	<b>9.0000e-005</b>	<b>4.1200e-003</b>	<b>0.0000</b>	<b>12.1229</b>	<b>12.1229</b>	<b>4.1000e-004</b>	<b>0.0000</b>	<b>12.1331</b>

**3.36 29 Restoration - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.2058	1.9072	1.2873	4.6400e-003		0.0668	0.0668		0.0614	0.0614	0.0000	407.1127	407.1127	0.1317	0.0000	410.4044
<b>Total</b>	<b>0.2058</b>	<b>1.9072</b>	<b>1.2873</b>	<b>4.6400e-003</b>	<b>0.0000</b>	<b>0.0668</b>	<b>0.0668</b>	<b>0.0000</b>	<b>0.0614</b>	<b>0.0614</b>	<b>0.0000</b>	<b>407.1127</b>	<b>407.1127</b>	<b>0.1317</b>	<b>0.0000</b>	<b>410.4044</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0200e-003	5.4600e-003	0.0488	1.3000e-004	0.0158	1.0000e-004	0.0159	4.2100e-003	9.0000e-005	4.3000e-003	0.0000	12.1900	12.1900	3.8000e-004	0.0000	12.1994
<b>Total</b>	<b>9.0200e-003</b>	<b>5.4600e-003</b>	<b>0.0488</b>	<b>1.3000e-004</b>	<b>0.0158</b>	<b>1.0000e-004</b>	<b>0.0159</b>	<b>4.2100e-003</b>	<b>9.0000e-005</b>	<b>4.3000e-003</b>	<b>0.0000</b>	<b>12.1900</b>	<b>12.1900</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>12.1994</b>

**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	0.2058	1.9072	1.2873	4.6400e-003		0.0668	0.0668		0.0614	0.0614	0.0000	407.1122	407.1122	0.1317	0.0000	410.4039
<b>Total</b>	<b>0.2058</b>	<b>1.9072</b>	<b>1.2873</b>	<b>4.6400e-003</b>	<b>0.0000</b>	<b>0.0668</b>	<b>0.0668</b>	<b>0.0000</b>	<b>0.0614</b>	<b>0.0614</b>	<b>0.0000</b>	<b>407.1122</b>	<b>407.1122</b>	<b>0.1317</b>	<b>0.0000</b>	<b>410.4039</b>

**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
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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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0200e-003	5.4600e-003	0.0488	1.3000e-004	0.0158	1.0000e-004	0.0159	4.2100e-003	9.0000e-005	4.3000e-003	0.0000	12.1900	12.1900	3.8000e-004	0.0000	12.1994
<b>Total</b>	<b>9.0200e-003</b>	<b>5.4600e-003</b>	<b>0.0488</b>	<b>1.3000e-004</b>	<b>0.0158</b>	<b>1.0000e-004</b>	<b>0.0159</b>	<b>4.2100e-003</b>	<b>9.0000e-005</b>	<b>4.3000e-003</b>	<b>0.0000</b>	<b>12.1900</b>	<b>12.1900</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>12.1994</b>

#### 4.0 Operational Detail - Mobile

#### 4.1 Mitigation Measures Mobile

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

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		

#### 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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

#### 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.492592	0.029877	0.172571	0.108744	0.015451	0.005259	0.018880	0.146151	0.001590	0.001570	0.005698	0.000896	0.000711

#### 5.0 Energy Detail

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0446	0.0446	0.0000	0.0000	0.0448
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0446	0.0446	0.0000	0.0000	0.0448
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

#### 5.2 Energy by Land Use - NaturalGas

##### Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	140	0.0446	0.0000	0.0000	0.0448

Total		0.0446	0.0000	0.0000	0.0448
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**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	140	0.0446	0.0000	0.0000	0.0448
<b>Total</b>		<b>0.0446</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0448</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.0000e-005	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Unmitigated	3.0000e-005	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

## 6.2 Area by SubCategory

### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
<b>Total</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>

### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
<b>Total</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>

## 7.0 Water Detail

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## 7.1 Mitigation Measures Water

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

## 7.2 Water by Land Use

### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

#### Category/Year

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

### 8.2 Waste by Land Use

#### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
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Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
tons	MT/yr				
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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**

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SCE TLRR IC - Great Basin Valleys Air Basin, Winter

**SCE TLRR IC**  
**Great Basin Valleys Air Basin, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	1.00	Space	0.01	400.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Rural	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	54
<b>Climate Zone</b>	9			<b>Operational Year</b>	2024
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	702.44	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use -

Construction Phase - site info

Off-road Equipment - SCE equipment info

Off-road Equipment - SCE info

Off-road Equipment - SCE equipment info

Off-road Equipment - SCE equipment info

Off-road Equipment - SCE equipment info

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Off-road Equipment - SCE info

Trips and VMT - SCE workforce estimates; vendor trucks to estimate 4x4 trucks assuming 10 mph

Grading - default values used

Vehicle Trips - SCE O&M

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - no consumer products used

Area Coating - no arch coating

Landscape Equipment - no landscaping

Construction Off-road Equipment Mitigation - tier 4 APM

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	24	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	1.00	358.00
tblConstructionPhase	NumDays	1.00	408.00
tblConstructionPhase	NumDays	1.00	136.00
tblConstructionPhase	NumDays	1.00	453.00
tblConstructionPhase	NumDays	1.00	453.00
tblConstructionPhase	NumDays	1.00	81.00
tblConstructionPhase	NumDays	1.00	124.00
tblConstructionPhase	NumDays	1.00	560.00
tblConstructionPhase	NumDays	1.00	504.00
tblConstructionPhase	NumDays	1.00	102.00
tblConstructionPhase	NumDays	1.00	102.00
tblConstructionPhase	NumDays	1.00	1,095.00
tblConstructionPhase	NumDays	1.00	102.00
tblConstructionPhase	NumDays	1.00	14.00
tblConstructionPhase	NumDays	1.00	14.00



tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblFleetMix	HHD	0.05	0.15
tblFleetMix	LDA	0.55	0.49
tblFleetMix	LDT1	0.04	0.03
tblFleetMix	LDT2	0.20	0.17
tblFleetMix	LHD1	0.02	0.02

tblFleetMix	LHD2	6.0180e-003	5.2590e-003
tblFleetMix	MCY	5.4600e-003	5.6980e-003
tblFleetMix	MDV	0.12	0.11
tblFleetMix	MH	1.0810e-003	7.1100e-004
tblFleetMix	MHD	9.1740e-003	0.02
tblFleetMix	OBUS	4.2950e-003	1.5990e-003
tblFleetMix	SBUS	8.6500e-004	8.9600e-004
tblFleetMix	UBUS	1.8800e-003	1.5700e-003
tblGrading	AcresOfGrading	0.00	890.00
tblGrading	AcresOfGrading	0.00	340.00
tblGrading	AcresOfGrading	0.00	127.00
tblGrading	AcresOfGrading	32.50	0.00
tblGrading	AcresOfGrading	0.00	11.00
tblGrading	AcresOfGrading	0.00	570.00
tblGrading	AcresOfGrading	402.75	0.00
tblGrading	AcresOfGrading	0.00	357.00
tblOffRoadEquipment	HorsePower	187.00	250.00
tblOffRoadEquipment	HorsePower	187.00	250.00
tblOffRoadEquipment	HorsePower	187.00	350.00
tblOffRoadEquipment	HorsePower	187.00	250.00
tblOffRoadEquipment	HorsePower	187.00	250.00
tblOffRoadEquipment	HorsePower	97.00	125.00
tblOffRoadEquipment	HorsePower	97.00	125.00
tblOffRoadEquipment	HorsePower	97.00	125.00
tblOffRoadEquipment	HorsePower	97.00	125.00
tblOffRoadEquipment	HorsePower	97.00	125.00
tblOffRoadEquipment	HorsePower	97.00	200.00
tblOffRoadEquipment	HorsePower	97.00	125.00
tblOffRoadEquipment	HorsePower	97.00	125.00
tblOffRoadEquipment	HorsePower	97.00	350.00

tblOffRoadEquipment	HorsePower	97.00	125.00
tblOffRoadEquipment	HorsePower	97.00	125.00
tblOffRoadEquipment	HorsePower	97.00	125.00
tblOffRoadEquipment	HorsePower	97.00	250.00
tblOffRoadEquipment	HorsePower	97.00	200.00
tblOffRoadEquipment	HorsePower	63.00	50.00
tblOffRoadEquipment	HorsePower	63.00	250.00
tblOffRoadEquipment	HorsePower	78.00	60.00
tblOffRoadEquipment	HorsePower	78.00	60.00
tblOffRoadEquipment	HorsePower	78.00	60.00
tblOffRoadEquipment	HorsePower	78.00	60.00
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tblOffRoadEquipment	HorsePower	78.00	60.00
tblOffRoadEquipment	HorsePower	78.00	60.00
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## 2.0 Emissions Summary

## 2.1 Overall Construction (Maximum Daily Emission)

### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	42.3864	384.2377	277.4214	0.9236	14.3363	14.2433	28.5795	6.6407	13.1281	19.7688	0.0000	89,591.0875	89,591.0875	27.5313	0.0000	90,279.3707
2022	123.0852	974.7747	849.0103	3.0636	13.4837	36.3480	48.5254	2.2395	33.4963	35.1981	0.0000	296,683.5293	296,683.5293	94.0592	0.0000	299,035.0084
2023	150.1565	1,121.6838	1,060.0729	3.9301	28.5033	41.5280	64.7678	3.9858	38.2369	39.8737	0.0000	380,712.9198	380,712.9198	120.4181	0.0000	383,723.3730
2024	74.2970	533.1786	536.2517	1.9984	1.2745	19.7856	21.0601	0.2862	18.2028	18.4890	0.0000	193,440.9649	193,440.9649	62.3265	0.0000	194,999.1273
<b>Maximum</b>	<b>150.1565</b>	<b>1,121.6838</b>	<b>1,060.0729</b>	<b>3.9301</b>	<b>28.5033</b>	<b>41.5280</b>	<b>64.7678</b>	<b>6.6407</b>	<b>38.2369</b>	<b>39.8737</b>	<b>0.0000</b>	<b>380,712.9198</b>	<b>380,712.9198</b>	<b>120.4181</b>	<b>0.0000</b>	<b>383,723.3730</b>

### Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	42.3864	384.2377	277.4214	0.9236	7.1685	14.2433	21.4117	3.0273	13.1281	16.1553	0.0000	89,591.0874	89,591.0874	27.5313	0.0000	90,279.3706
2022	123.0852	974.7747	849.0103	3.0636	8.1014	36.3480	43.1431	1.6584	33.4963	34.6751	0.0000	296,683.5291	296,683.5291	94.0592	0.0000	299,035.0082
2023	150.1565	1,121.6838	1,060.0729	3.9301	14.4421	41.5280	50.7067	2.4675	38.2369	39.8049	0.0000	380,712.9195	380,712.9195	120.4181	0.0000	383,723.3726
2024	74.2970	533.1786	536.2517	1.9984	1.0736	19.7856	20.8593	0.2645	18.2028	18.4673	0.0000	193,440.9648	193,440.9648	62.3265	0.0000	194,999.1271
<b>Maximum</b>	<b>150.1565</b>	<b>1,121.6838</b>	<b>1,060.0729</b>	<b>3.9301</b>	<b>14.4421</b>	<b>41.5280</b>	<b>50.7067</b>	<b>3.0273</b>	<b>38.2369</b>	<b>39.8049</b>	<b>0.0000</b>	<b>380,712.9195</b>	<b>380,712.9195</b>	<b>120.4181</b>	<b>0.0000</b>	<b>383,723.3726</b>

	ROG	NOx	CO	SO2	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	46.55	0.00	16.46	43.60	0.00	3.73	0.00	0.00	0.00	0.00	0.00	0.00

## 2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.5000e-004	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>2.2000e-004</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.3000e-004</b>

## Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.5000e-004	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>2.2000e-004</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.3000e-004</b>

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

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	01 Survey	Site Preparation	2/1/2021	3/24/2022	6	358	
2	02 Staging Yard	Site Preparation	2/1/2021	7/31/2024	6	1095	
3	03 Road Work	Site Preparation	2/15/2021	4/15/2021	6	52	
4	04 West Crossing Installation	Site Preparation	3/1/2021	6/1/2021	6	80	
5	05 Install TSP Foundations	Site Preparation	3/15/2021	7/27/2022	6	429	
6	05A Install TSP Foundations	Site Preparation	3/15/2021	3/15/2022	6	314	
7	06 TSP Haul	Site Preparation	4/1/2021	12/7/2021	6	215	
8	07 TSP Assembly	Site Preparation	4/15/2021	8/22/2022	6	424	
9	08 TSP Erection	Site Preparation	4/15/2021	8/22/2022	6	424	
10	09 Install TSP Foundation MP	Site Preparation	2/11/2022	6/1/2023	6	408	
11	10 TSP Haul MP	Site Preparation	2/20/2022	7/28/2022	6	136	
12	11 TSP Assembly MP	Site Preparation	2/20/2022	8/2/2023	6	453	
13	12 TSP Erection MP	Site Preparation	2/20/2022	8/2/2023	6	453	
14	13 Existing Pole Removal	Site Preparation	6/16/2022	9/17/2022	6	81	
15	14 Existing H-Frame Removal	Site Preparation	6/16/2022	11/7/2022	6	124	
16	15 Existing Lattice Structure/TSP Removal	Site Preparation	6/16/2022	3/29/2024	6	560	
17	15A Existing Lattice Structure/TSP Removal	Site Preparation	6/16/2022	1/24/2024	6	504	
18	16 LWS Pole Haul	Site Preparation	10/1/2022	1/27/2023	6	102	
19	17 LWS Pole Assembly	Site Preparation	10/15/2022	2/10/2023	6	102	
20	18 Install LWS Pole	Site Preparation	10/15/2022	2/10/2023	6	102	
21	19 LWS H-Frame Haul	Site Preparation	1/1/2023	1/17/2023	6	14	

22	20 LWS H-Frame Assembly	Site Preparation	1/1/2023	1/17/2023	6	14
23	21 Install LWS H-Frame	Site Preparation	1/1/2023	1/17/2023	6	14
24	22 Install Conductor OPGW	Site Preparation	1/15/2023	11/28/2023	6	272
25	22A Install Conductor OPGW	Site Preparation	1/15/2023	8/22/2023	6	188
26	22B Install Conductor OPGW	Site Preparation	1/15/2023	4/11/2023	6	74
27	22C Install Conductor OPGW	Site Preparation	1/15/2023	7/3/2023	6	145
28	22D Install Conductor OPGW	Site Preparation	1/15/2023	3/20/2023	6	55
29	23 Install/Remove Guard Structures	Site Preparation	2/1/2023	6/8/2023	6	110
30	24 33 kV line realignment	Site Preparation	3/1/2023	3/8/2023	6	7
31	25 Telecommunications Underground Infrastructure	Site Preparation	3/12/2023	6/15/2023	6	82
32	26 Telecommunications Pole Haul	Site Preparation	4/1/2023	5/3/2023	6	28
33	27 Telecommunications Pole Assembly	Site Preparation	4/1/2023	5/3/2023	6	28
34	28 Telecommunications Pole Installation Independence Tap	Site Preparation	4/1/2023	5/3/2023	6	28
35	29 Restoration	Site Preparation	6/10/2023	7/31/2024	6	358

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 0**

**Acres of Paving: 0.01**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
01 Survey	Graders	0	8.00	187	0.41
01 Survey	Off-Highway Trucks	2	10.00	300	0.38
01 Survey	Tractors/Loaders/Backhoes	0	8.00	97	0.37
02 Staging Yard	Concrete/Industrial Saws	0	8.00	81	0.73
02 Staging Yard	Cranes	1	5.00	350	0.29
02 Staging Yard	Forklifts	1	5.00	350	0.20
02 Staging Yard	Graders	0	6.00	250	0.41

02 Staging Yard	Off-Highway Trucks	1	4.00	300	0.38
02 Staging Yard	Off-Highway Trucks	2	10.00	300	0.38
02 Staging Yard	Off-Highway Trucks	1	4.00	300	0.38
02 Staging Yard	Off-Highway Trucks	1	6.00	500	0.38
02 Staging Yard	Rubber Tired Dozers	0	1.00	247	0.40
02 Staging Yard	Tractors/Loaders/Backhoes	0	6.00	97	0.37
03 Road Work	Aerial Lifts	0	8.00	50	0.31
03 Road Work	Excavators	2	7.00	300	0.38
03 Road Work	Graders	2	5.00	350	0.41
03 Road Work	Off-Highway Trucks	2	5.00	300	0.38
03 Road Work	Off-Highway Trucks	2	10.00	300	0.38
03 Road Work	Off-Highway Trucks	2	4.00	500	0.38
03 Road Work	Rollers	2	5.00	250	0.38
03 Road Work	Rubber Tired Dozers	2	7.00	350	0.40
03 Road Work	Tractors/Loaders/Backhoes	2	7.00	350	0.37
04 West Crossing Installation	Excavators	1	8.00	250	0.38
04 West Crossing Installation	Graders	0	8.00	187	0.41
04 West Crossing Installation	Off-Highway Trucks	2	8.00	300	0.38
04 West Crossing Installation	Off-Highway Trucks	2	8.00	350	0.38
04 West Crossing Installation	Off-Highway Trucks	1	10.00	300	0.38
04 West Crossing Installation	Off-Highway Trucks	3	4.00	350	0.38
04 West Crossing Installation	Rough Terrain Forklifts	1	8.00	125	0.40
04 West Crossing Installation	Tractors/Loaders/Backhoes	0	8.00	250	0.37
05 Install TSP Foundations	Bore/Drill Rigs	0	6.00	210	0.50
05 Install TSP Foundations	Cranes	4	7.00	350	0.29
05 Install TSP Foundations	Graders	0	8.00	187	0.41
05 Install TSP Foundations	Off-Highway Trucks	4	10.00	350	0.38
05 Install TSP Foundations	Off-Highway Trucks	4	10.00	350	0.38
05 Install TSP Foundations	Tractors/Loaders/Backhoes	4	10.00	200	0.37
05A Install TSP Foundations	Bore/Drill Rigs	4	10.00	500	0.50

05A Install TSP Foundations	Graders	0	8.00	187	0.41
05A Install TSP Foundations	Off-Highway Trucks	8	6.00	425	0.38
05A Install TSP Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37
06 TSP Haul	Cranes	1	8.00	350	0.29
06 TSP Haul	Graders	0	8.00	187	0.41
06 TSP Haul	Off-Highway Trucks	2	10.00	400	0.38
06 TSP Haul	Off-Highway Trucks	1	10.00	350	0.38
06 TSP Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
07 TSP Assembly	Air Compressors	2	6.00	60	0.48
07 TSP Assembly	Cranes	2	7.00	350	0.29
07 TSP Assembly	Crawler Tractors	0	8.00	350	0.43
07 TSP Assembly	Graders	0	8.00	187	0.41
07 TSP Assembly	Off-Highway Trucks	4	6.00	300	0.38
07 TSP Assembly	Off-Highway Trucks	2	10.00	350	0.38
07 TSP Assembly	Other General Industrial Equipment	0	6.00	60	0.34
07 TSP Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
08 TSP Erection	Aerial Lifts	0	8.00	250	0.31
08 TSP Erection	Air Compressors	2	6.00	60	0.48
08 TSP Erection	Cranes	0	8.00	350	0.29
08 TSP Erection	Cranes	2	7.00	350	0.29
08 TSP Erection	Graders	0	8.00	187	0.41
08 TSP Erection	Off-Highway Trucks	4	6.00	300	0.38
08 TSP Erection	Off-Highway Trucks	2	10.00	350	0.38
08 TSP Erection	Other General Industrial Equipment	0	4.00	60	0.34
08 TSP Erection	Tractors/Loaders/Backhoes	0	8.00	97	0.37
09 Install TSP Foundation MP	Cranes	2	7.00	350	0.29
09 Install TSP Foundation MP	Off-Highway Trucks	2	10.00	500	0.38
09 Install TSP Foundation MP	Off-Highway Trucks	2	10.00	350	0.38
09 Install TSP Foundation MP	Off-Highway Trucks	2	10.00	350	0.38
09 Install TSP Foundation MP	Off-Highway Trucks	4	6.00	425	0.38

09 Install TSP Foundation MP	Rubber Tired Loaders	2	10.00	200	0.36
10 TSP Haul MP	Off-Highway Trucks	1	8.00	350	0.38
10 TSP Haul MP	Off-Highway Trucks	2	10.00	400	0.38
10 TSP Haul MP	Off-Highway Trucks	1	10.00	350	0.38
11 TSP Assembly MP	Air Compressors	1	6.00	60	0.48
11 TSP Assembly MP	Cranes	1	7.00	350	0.29
11 TSP Assembly MP	Off-Highway Trucks	2	6.00	300	0.38
11 TSP Assembly MP	Off-Highway Trucks	1	10.00	350	0.38
12 TSP Erection MP	Air Compressors	1	6.00	60	0.48
12 TSP Erection MP	Cranes	1	7.00	350	0.29
12 TSP Erection MP	Off-Highway Trucks	1	6.00	300	0.38
12 TSP Erection MP	Off-Highway Trucks	1	10.00	350	0.38
13 Existing Pole Removal	Graders	0	8.00	187	0.41
13 Existing Pole Removal	Off-Highway Trucks	1	10.00	300	0.38
13 Existing Pole Removal	Off-Highway Trucks	2	8.00	350	0.38
13 Existing Pole Removal	Off-Highway Trucks	2	10.00	400	0.38
13 Existing Pole Removal	Tractors/Loaders/Backhoes	0	8.00	97	0.37
14 Existing H-Frame Removal	Air Compressors	5	6.00	60	0.48
14 Existing H-Frame Removal	Graders	0	8.00	187	0.41
14 Existing H-Frame Removal	Graders	0	6.00	250	0.41
14 Existing H-Frame Removal	Off-Highway Trucks	10	6.00	300	0.38
14 Existing H-Frame Removal	Off-Highway Trucks	5	10.00	350	0.38
14 Existing H-Frame Removal	Off-Highway Trucks	5	10.00	300	0.38
14 Existing H-Frame Removal	Off-Highway Trucks	0	4.00	450	0.38
14 Existing H-Frame Removal	Tractors/Loaders/Backhoes	0	8.00	97	0.37
15 Existing Lattice Structure/TSP Removal	Bore/Drill Rigs	10	8.00	210	0.50
15 Existing Lattice Structure/TSP Removal	Cranes	0	4.00	231	0.29
15 Existing Lattice Structure/TSP Removal	Forklifts	0	6.00	89	0.20
15 Existing Lattice Structure/TSP Removal	Graders	0	8.00	187	0.41
15 Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	6.00	300	0.38

15 Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	7.00	350	0.38
15 Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	300	0.38
15 Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	6.00	400	0.38
15 Existing Lattice Structure/TSP Removal	Other Construction Equipment	10	10.00	350	0.42
15 Existing Lattice Structure/TSP Removal	Tractors/Loaders/Backhoes	0	8.00	97	0.37
15 Existing Lattice Structure/TSP Removal	Tractors/Loaders/Backhoes	10	10.00	125	0.37
15A Existing Lattice Structure/TSP Removal	Cranes	0	4.00	231	0.29
15A Existing Lattice Structure/TSP Removal	Forklifts	0	6.00	89	0.20
15A Existing Lattice Structure/TSP Removal	Graders	0	8.00	187	0.41
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	5	10.00	300	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	250	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	400	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	300	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	350	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	350	0.38
15A Existing Lattice Structure/TSP Removal	Off-Highway Trucks	10	10.00	450	0.38
15A Existing Lattice Structure/TSP Removal	Other Construction Equipment	5	10.00	350	0.42
15A Existing Lattice Structure/TSP Removal	Tractors/Loaders/Backhoes	0	10.00	125	0.37
15A Existing Lattice Structure/TSP Removal	Tractors/Loaders/Backhoes	10	8.00	125	0.37
15A Existing Lattice Structure/TSP Removal	Tractors/Loaders/Backhoes	0	8.00	97	0.37
16 LWS Pole Haul	Cranes	0	4.00	231	0.29
16 LWS Pole Haul	Forklifts	0	6.00	89	0.20
16 LWS Pole Haul	Off-Highway Trucks	4	10.00	300	0.38
16 LWS Pole Haul	Off-Highway Trucks	4	8.00	350	0.38
16 LWS Pole Haul	Off-Highway Trucks	4	10.00	400	0.38
16 LWS Pole Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
17 LWS Pole Assembly	Air Compressors	4	6.00	60	0.48
17 LWS Pole Assembly	Cranes	0	4.00	231	0.29
17 LWS Pole Assembly	Forklifts	0	6.00	89	0.20

17 LWS Pole Assembly	Off-Highway Trucks	8	10.00	300	0.38
17 LWS Pole Assembly	Off-Highway Trucks	4	10.00	350	0.38
17 LWS Pole Assembly	Off-Highway Trucks	4	6.00	350	0.38
17 LWS Pole Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
18 Install LWS Pole	Bore/Drill Rigs	4	8.00	210	0.50
18 Install LWS Pole	Cranes	0	4.00	231	0.29
18 Install LWS Pole	Cranes	4	7.00	350	0.29
18 Install LWS Pole	Forklifts	0	6.00	89	0.20
18 Install LWS Pole	Off-Highway Trucks	4	6.00	300	0.38
18 Install LWS Pole	Off-Highway Trucks	4	10.00	350	0.38
18 Install LWS Pole	Off-Highway Trucks	4	10.00	300	0.38
18 Install LWS Pole	Off-Highway Trucks	4	6.00	400	0.38
18 Install LWS Pole	Tractors/Loaders/Backhoes	0	8.00	97	0.37
18 Install LWS Pole	Tractors/Loaders/Backhoes	4	10.00	125	0.37
19 LWS H-Frame Haul	Cranes	1	8.00	350	0.29
19 LWS H-Frame Haul	Off-Highway Trucks	1	5.00	300	0.38
19 LWS H-Frame Haul	Off-Highway Trucks	1	10.00	400	0.38
20 LWS H-Frame Assembly	Air Compressors	1	6.00	60	0.48
20 LWS H-Frame Assembly	Cranes	1	8.00	350	0.29
20 LWS H-Frame Assembly	Off-Highway Trucks	2	10.00	300	0.38
20 LWS H-Frame Assembly	Off-Highway Trucks	1	10.00	350	0.38
21 Install LWS H-Frame	Bore/Drill Rigs	1	8.00	210	0.50
21 Install LWS H-Frame	Cranes	1	7.00	350	0.29
21 Install LWS H-Frame	Off-Highway Trucks	1	6.00	300	0.38
21 Install LWS H-Frame	Off-Highway Trucks	1	10.00	350	0.38
21 Install LWS H-Frame	Off-Highway Trucks	1	10.00	300	0.38
21 Install LWS H-Frame	Off-Highway Trucks	1	6.00	400	0.38
21 Install LWS H-Frame	Tractors/Loaders/Backhoes	1	10.00	125	0.37
22 Install Conductor OPGW	Air Compressors	0	5.00	60	0.48
22 Install Conductor OPGW	Graders	0	8.00	187	0.41

22 Install Conductor OPGW	Graders	0	8.00	187	0.41
22 Install Conductor OPGW	Off-Highway Tractors	8	10.00	400	0.44
22 Install Conductor OPGW	Off-Highway Trucks	8	10.00	300	0.38
22 Install Conductor OPGW	Off-Highway Trucks	4	10.00	250	0.38
22 Install Conductor OPGW	Off-Highway Trucks	4	10.00	350	0.38
22 Install Conductor OPGW	Off-Highway Trucks	4	10.00	350	0.38
22 Install Conductor OPGW	Off-Highway Trucks	4	10.00	350	0.38
22 Install Conductor OPGW	Off-Highway Trucks	8	10.00	450	0.38
22 Install Conductor OPGW	Off-Highway Trucks	4	10.00	300	0.38
22 Install Conductor OPGW	Tractors/Loaders/Backhoes	4	10.00	200	0.37
22 Install Conductor OPGW	Tractors/Loaders/Backhoes	0	8.00	97	0.37
22A Install Conductor OPGW	Cranes	0	10.00	350	0.29
22A Install Conductor OPGW	Graders	0	8.00	187	0.41
22A Install Conductor OPGW	Graders	0	8.00	187	0.41
22A Install Conductor OPGW	Off-Highway Trucks	0	6.00	300	0.38
22A Install Conductor OPGW	Off-Highway Trucks	8	10.00	350	0.38
22A Install Conductor OPGW	Off-Highway Trucks	0	7.00	350	0.38
22A Install Conductor OPGW	Tractors/Loaders/Backhoes	0	8.00	97	0.37
22B Install Conductor OPGW	Air Compressors	0	6.00	60	0.48
22B Install Conductor OPGW	Cranes	0	7.00	350	0.29
22B Install Conductor OPGW	Graders	0	8.00	187	0.41
22B Install Conductor OPGW	Graders	0	8.00	187	0.41
22B Install Conductor OPGW	Off-Highway Trucks	0	6.00	300	0.38
22B Install Conductor OPGW	Off-Highway Trucks	0	10.00	350	0.38
22B Install Conductor OPGW	Other Construction Equipment	4	10.00	300	0.42
22B Install Conductor OPGW	Other Construction Equipment	4	10.00	350	0.42
22B Install Conductor OPGW	Tractors/Loaders/Backhoes	0	8.00	97	0.37
22B Install Conductor OPGW	Tractors/Loaders/Backhoes	0	8.00	97	0.37
22C Install Conductor OPGW	Bore/Drill Rigs	0	8.00	210	0.50
22C Install Conductor OPGW	Cranes	0	7.00	350	0.29

22C Install Conductor OPGW	Graders	0	8.00	187	0.41
22C Install Conductor OPGW	Off-Highway Trucks	0	6.00	300	0.38
22C Install Conductor OPGW	Off-Highway Trucks	4	10.00	350	0.38
22C Install Conductor OPGW	Off-Highway Trucks	0	10.00	300	0.38
22C Install Conductor OPGW	Off-Highway Trucks	0	6.00	400	0.38
22C Install Conductor OPGW	Other Construction Equipment	4	10.00	300	0.42
22C Install Conductor OPGW	Tractors/Loaders/Backhoes	0	10.00	125	0.37
22D Install Conductor OPGW	Air Compressors	0	5.00	60	0.48
22D Install Conductor OPGW	Graders	0	8.00	187	0.41
22D Install Conductor OPGW	Off-Highway Trucks	0	5.00	300	0.38
22D Install Conductor OPGW	Off-Highway Trucks	0	7.00	350	0.38
22D Install Conductor OPGW	Off-Highway Trucks	0	7.00	275	0.38
22D Install Conductor OPGW	Off-Highway Trucks	0	2.00	350	0.38
22D Install Conductor OPGW	Off-Highway Trucks	0	10.00	300	0.38
22D Install Conductor OPGW	Off-Highway Trucks	0	5.00	450	0.38
22D Install Conductor OPGW	Tractors/Loaders/Backhoes	4	8.00	125	0.37
23 Install/Remove Guard Structures	Cranes	1	8.00	350	0.29
23 Install/Remove Guard Structures	Graders	0	8.00	187	0.41
23 Install/Remove Guard Structures	Off-Highway Trucks	1	10.00	300	0.38
23 Install/Remove Guard Structures	Off-Highway Trucks	1	10.00	400	0.38
23 Install/Remove Guard Structures	Tractors/Loaders/Backhoes	0	8.00	97	0.37
24 33 kV line realignment	Air Compressors	1	6.00	60	0.48
24 33 kV line realignment	Cranes	1	8.00	350	0.29
24 33 kV line realignment	Graders	0	8.00	187	0.41
24 33 kV line realignment	Off-Highway Trucks	2	10.00	300	0.38
24 33 kV line realignment	Off-Highway Trucks	1	10.00	350	0.38
24 33 kV line realignment	Tractors/Loaders/Backhoes	0	8.00	97	0.37
25 Telecommunications Underground Infrastructure Installation	Air Compressors	0	8.00	210	0.50
25 Telecommunications Underground Infrastructure Installation	Air Compressors	1	4.00	60	0.48
25 Telecommunications Underground Infrastructure Installation	Cranes	0	7.00	350	0.29

25 Telecommunications Underground Infrastructure Installation	Graders	0	8.00	187	0.41
25 Telecommunications Underground Infrastructure Installation	Off-Highway Trucks	2	6.00	350	0.38
25 Telecommunications Underground Infrastructure Installation	Off-Highway Trucks	1	6.00	300	0.38
25 Telecommunications Underground Infrastructure Installation	Off-Highway Trucks	1	8.00	275	0.38
25 Telecommunications Underground Infrastructure Installation	Off-Highway Trucks	2	4.00	300	0.38
25 Telecommunications Underground Infrastructure Installation	Off-Highway Trucks	3	2.00	350	0.38
25 Telecommunications Underground Infrastructure Installation	Off-Highway Trucks	2	4.00	450	0.38
25 Telecommunications Underground Infrastructure Installation	Tractors/Loaders/Backhoes	1	6.00	125	0.37
26 Telecommunications Pole Haul	Cranes	0	4.00	231	0.29
26 Telecommunications Pole Haul	Forklifts	0	6.00	89	0.20
26 Telecommunications Pole Haul	Graders	0	8.00	187	0.41
26 Telecommunications Pole Haul	Off-Highway Trucks	1	10.00	300	0.38
26 Telecommunications Pole Haul	Off-Highway Trucks	2	8.00	350	0.38
26 Telecommunications Pole Haul	Off-Highway Trucks	2	10.00	400	0.38
26 Telecommunications Pole Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
26 Telecommunications Pole Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
27 Telecommunications Pole Assembly	Air Compressors	1	6.00	60	0.48
27 Telecommunications Pole Assembly	Cranes	1	8.00	350	0.29
27 Telecommunications Pole Assembly	Forklifts	0	6.00	89	0.20
27 Telecommunications Pole Assembly	Graders	0	8.00	187	0.41
27 Telecommunications Pole Assembly	Off-Highway Trucks	2	6.00	275	0.38
27 Telecommunications Pole Assembly	Off-Highway Trucks	2	10.00	300	0.38
27 Telecommunications Pole Assembly	Off-Highway Trucks	1	10.00	350	0.38
27 Telecommunications Pole Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
28 Telecommunications Pole Installation, Independence Tap and Crossings	Air Compressors	0	5.00	60	0.48
28 Telecommunications Pole Installation, Independence Tap and Crossings	Bore/Drill Rigs	0	8.00	210	0.50
28 Telecommunications Pole Installation, Independence Tap and Crossings	Graders	0	8.00	187	0.41
28 Telecommunications Pole Installation, Independence Tap and Crossings	Graders	0	8.00	187	0.41
28 Telecommunications Pole Installation, Independence Tap and Crossings	Graders	0	8.00	187	0.41
28 Telecommunications Pole Installation, Independence Tap and Crossings	Off-Highway Trucks	1	6.00	300	0.38

28 Telecommunications Pole Installation, Independence Tap and Crossings	Off-Highway Trucks	1	10.00	350	0.38
28 Telecommunications Pole Installation, Independence Tap and Crossings	Off-Highway Trucks	1	7.00	350	0.38
28 Telecommunications Pole Installation, Independence Tap and Crossings	Off-Highway Trucks	1	8.00	210	0.38
28 Telecommunications Pole Installation, Independence Tap and Crossings	Off-Highway Trucks	1	10.00	300	0.38
28 Telecommunications Pole Installation, Independence Tap and Crossings	Off-Highway Trucks	1	6.00	400	0.38
28 Telecommunications Pole Installation, Independence Tap and Crossings	Tractors/Loaders/Backhoes	1	10.00	125	0.37
29 Restoration	Graders	2	6.00	250	0.41
29 Restoration	Graders	1	6.00	250	0.41
29 Restoration	Off-Highway Trucks	2	4.00	300	0.38
29 Restoration	Off-Highway Trucks	1	8.00	300	0.38
29 Restoration	Off-Highway Trucks	1	4.00	450	0.38
29 Restoration	Rollers	1	4.00	100	0.38
29 Restoration	Tractors/Loaders/Backhoes	1	4.00	125	0.37

### Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
01 Survey	2	8.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
02 Staging Yard	7	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
03 Road Work	16	12.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
04 West Crossing Installation	10	12.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
05 Install TSP Foundations	16	40.00	40.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
05A Install TSP Foundations	12	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
06 TSP Haul	4	10.00	16.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
07 TSP Assembly	10	20.00	24.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
08 TSP Erection	10	20.00	12.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
09 Install TSP Foundation MP	14	20.00	40.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
10 TSP Haul MP	4	10.00	16.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
11 TSP Assembly MP	5	10.00	12.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT

12 TSP Erection MP	4	10.00	6.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
13 Existing Pole Removal	5	10.00	0.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
14 Existing H-Frame Removal	25	50.00	0.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
15 Existing Lattice Structure/TSP	70	50.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
15A Existing Lattice Structure/TSP	90	0.00	0.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
16 LWS Pole Haul	12	10.00	10.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
17 LWS Pole Assembly	20	10.00	12.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
18 Install LWS Pole	28	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	MHDT	HHDT
19 LWS H-Frame Haul	3	10.00	10.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
20 LWS H-Frame Assembly	5	10.00	12.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
21 Install LWS H- Frame	7	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
22 Install Conductor OPGW	48	160.00	48.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
22A Install Conductor OPGW	8	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
22A Install Conductor OPGW	8	0.00	0.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
22B Install Conductor OPGW	8	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
22C Install Conductor OPGW	8	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
22D Install Conductor OPGW	4	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
23 Install/Remove Guard Structures	3	10.00	16.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
24 33 kV line realignment	5	10.00	0.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
25 Telecommunications	13	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
26 Telecommunications	5	12.00	16.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
27 Telecommunications Pole Assembly	7	10.00	12.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
28 Telecommunications	7	10.00	0.00	0.00	16.80	10.00	20.00	LD_Mix	MHDT	HHDT
29 Restoration	9	14.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

### 3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

### 3.2 01 Survey - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1304	9.8197	6.7245	0.0246		0.3602	0.3602		0.3314	0.3314		2,385.3041	2,385.3041	0.7715		2,404.5905
<b>Total</b>	<b>1.1304</b>	<b>9.8197</b>	<b>6.7245</b>	<b>0.0246</b>	<b>0.0000</b>	<b>0.3602</b>	<b>0.3602</b>	<b>0.0000</b>	<b>0.3314</b>	<b>0.3314</b>		<b>2,385.3041</b>	<b>2,385.3041</b>	<b>0.7715</b>		<b>2,404.5905</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0867	0.0425	0.4257	9.8000e-004	0.1022	7.2000e-004	0.1029	0.0271	6.6000e-004	0.0278		97.8127	97.8127	3.9300e-003		97.9109
<b>Total</b>	<b>0.0867</b>	<b>0.0425</b>	<b>0.4257</b>	<b>9.8000e-004</b>	<b>0.1022</b>	<b>7.2000e-004</b>	<b>0.1029</b>	<b>0.0271</b>	<b>6.6000e-004</b>	<b>0.0278</b>		<b>97.8127</b>	<b>97.8127</b>	<b>3.9300e-003</b>		<b>97.9109</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1304	9.8197	6.7245	0.0246		0.3602	0.3602		0.3314	0.3314	0.0000	2,385.3041	2,385.3041	0.7715		2,404.5905
<b>Total</b>	<b>1.1304</b>	<b>9.8197</b>	<b>6.7245</b>	<b>0.0246</b>	<b>0.0000</b>	<b>0.3602</b>	<b>0.3602</b>	<b>0.0000</b>	<b>0.3314</b>	<b>0.3314</b>	<b>0.0000</b>	<b>2,385.3041</b>	<b>2,385.3041</b>	<b>0.7715</b>		<b>2,404.5905</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0867	0.0425	0.4257	9.8000e-004	0.1022	7.2000e-004	0.1029	0.0271	6.6000e-004	0.0278		97.8127	97.8127	3.9300e-003		97.9109
<b>Total</b>	<b>0.0867</b>	<b>0.0425</b>	<b>0.4257</b>	<b>9.8000e-004</b>	<b>0.1022</b>	<b>7.2000e-004</b>	<b>0.1029</b>	<b>0.0271</b>	<b>6.6000e-004</b>	<b>0.0278</b>		<b>97.8127</b>	<b>97.8127</b>	<b>3.9300e-003</b>		<b>97.9109</b>

**3.2 01 Survey - 2022**

**Unmitigated Construction On-Site**

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

Off-Road	0.9859	7.4883	6.2663	0.0247		0.2723	0.2723		0.2505	0.2505		2,386.1666	2,386.1666	0.7717		2,405.4600
<b>Total</b>	<b>0.9859</b>	<b>7.4883</b>	<b>6.2663</b>	<b>0.0247</b>	<b>0.0000</b>	<b>0.2723</b>	<b>0.2723</b>	<b>0.0000</b>	<b>0.2505</b>	<b>0.2505</b>		<b>2,386.1666</b>	<b>2,386.1666</b>	<b>0.7717</b>		<b>2,405.4600</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0812	0.0378	0.3822	9.5000e-004	0.1022	6.9000e-004	0.1029	0.0271	6.4000e-004	0.0277		94.3266	94.3266	3.4700e-003		94.4133
<b>Total</b>	<b>0.0812</b>	<b>0.0378</b>	<b>0.3822</b>	<b>9.5000e-004</b>	<b>0.1022</b>	<b>6.9000e-004</b>	<b>0.1029</b>	<b>0.0271</b>	<b>6.4000e-004</b>	<b>0.0277</b>		<b>94.3266</b>	<b>94.3266</b>	<b>3.4700e-003</b>		<b>94.4133</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.9859	7.4883	6.2663	0.0247		0.2723	0.2723		0.2505	0.2505	0.0000	2,386.1666	2,386.1666	0.7717		2,405.4600
<b>Total</b>	<b>0.9859</b>	<b>7.4883</b>	<b>6.2663</b>	<b>0.0247</b>	<b>0.0000</b>	<b>0.2723</b>	<b>0.2723</b>	<b>0.0000</b>	<b>0.2505</b>	<b>0.2505</b>	<b>0.0000</b>	<b>2,386.1666</b>	<b>2,386.1666</b>	<b>0.7717</b>		<b>2,405.4600</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0812	0.0378	0.3822	9.5000e-004	0.1022	6.9000e-004	0.1029	0.0271	6.4000e-004	0.0277		94.3266	94.3266	3.4700e-003		94.4133
<b>Total</b>	<b>0.0812</b>	<b>0.0378</b>	<b>0.3822</b>	<b>9.5000e-004</b>	<b>0.1022</b>	<b>6.9000e-004</b>	<b>0.1029</b>	<b>0.0271</b>	<b>6.4000e-004</b>	<b>0.0277</b>		<b>94.3266</b>	<b>94.3266</b>	<b>3.4700e-003</b>		<b>94.4133</b>

**3.3 02 Staging Yard - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3293	0.0000	0.3293	0.0356	0.0000	0.0356			0.0000			0.0000
Off-Road	2.6739	24.2859	16.6616	0.0561		0.9117	0.9117		0.8388	0.8388		5,426.1324	5,426.1324	1.7549		5,470.0054
<b>Total</b>	<b>2.6739</b>	<b>24.2859</b>	<b>16.6616</b>	<b>0.0561</b>	<b>0.3293</b>	<b>0.9117</b>	<b>1.2410</b>	<b>0.0356</b>	<b>0.8388</b>	<b>0.8743</b>		<b>5,426.1324</b>	<b>5,426.1324</b>	<b>1.7549</b>		<b>5,470.0054</b>

**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
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Category	lb/day										lb/day				
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1084	0.0531	0.5322	1.2300e-003	0.1277	9.0000e-004	0.1286	0.0339	8.3000e-004	0.0347	122.2658	122.2658	4.9100e-003	122.3886	
<b>Total</b>	<b>0.1084</b>	<b>0.0531</b>	<b>0.5322</b>	<b>1.2300e-003</b>	<b>0.1277</b>	<b>9.0000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>8.3000e-004</b>	<b>0.0347</b>	<b>122.2658</b>	<b>122.2658</b>	<b>4.9100e-003</b>	<b>122.3886</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1284	0.0000	0.1284	0.0139	0.0000	0.0139			0.0000			0.0000
Off-Road	2.6739	24.2859	16.6616	0.0561		0.9117	0.9117		0.8388	0.8388	0.0000	5,426.1324	5,426.1324	1.7549		5,470.0054
<b>Total</b>	<b>2.6739</b>	<b>24.2859</b>	<b>16.6616</b>	<b>0.0561</b>	<b>0.1284</b>	<b>0.9117</b>	<b>1.0401</b>	<b>0.0139</b>	<b>0.8388</b>	<b>0.8526</b>	<b>0.0000</b>	<b>5,426.1324</b>	<b>5,426.1324</b>	<b>1.7549</b>		<b>5,470.0054</b>

**Mitigated Construction Off-Site**

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

Worker	0.1084	0.0531	0.5322	1.2300e-003	0.1277	9.0000e-004	0.1286	0.0339	8.3000e-004	0.0347		122.2658	122.2658	4.9100e-003		122.3886
<b>Total</b>	<b>0.1084</b>	<b>0.0531</b>	<b>0.5322</b>	<b>1.2300e-003</b>	<b>0.1277</b>	<b>9.0000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>8.3000e-004</b>	<b>0.0347</b>		<b>122.2658</b>	<b>122.2658</b>	<b>4.9100e-003</b>		<b>122.3886</b>

### 3.3 02 Staging Yard - 2022

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3293	0.0000	0.3293	0.0356	0.0000	0.0356			0.0000			0.0000
Off-Road	2.3439	19.0018	15.3216	0.0561		0.7079	0.7079		0.6513	0.6513		5,427.4638	5,427.4638	1.7554		5,471.3476
<b>Total</b>	<b>2.3439</b>	<b>19.0018</b>	<b>15.3216</b>	<b>0.0561</b>	<b>0.3293</b>	<b>0.7079</b>	<b>1.0372</b>	<b>0.0356</b>	<b>0.6513</b>	<b>0.6868</b>		<b>5,427.4638</b>	<b>5,427.4638</b>	<b>1.7554</b>		<b>5,471.3476</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1016</b>	<b>0.0473</b>	<b>0.4777</b>	<b>1.1800e-003</b>	<b>0.1277</b>	<b>8.6000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.9000e-004</b>	<b>0.0347</b>		<b>117.9083</b>	<b>117.9083</b>	<b>4.3400e-003</b>		<b>118.0167</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1284	0.0000	0.1284	0.0139	0.0000	0.0139			0.0000			0.0000
Off-Road	2.3439	19.0018	15.3216	0.0561		0.7079	0.7079		0.6513	0.6513	0.0000	5,427.4638	5,427.4638	1.7554		5,471.3476
<b>Total</b>	<b>2.3439</b>	<b>19.0018</b>	<b>15.3216</b>	<b>0.0561</b>	<b>0.1284</b>	<b>0.7079</b>	<b>0.8363</b>	<b>0.0139</b>	<b>0.6513</b>	<b>0.6651</b>	<b>0.0000</b>	<b>5,427.4638</b>	<b>5,427.4638</b>	<b>1.7554</b>		<b>5,471.3476</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1016</b>	<b>0.0473</b>	<b>0.4777</b>	<b>1.1800e-003</b>	<b>0.1277</b>	<b>8.6000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.9000e-004</b>	<b>0.0347</b>		<b>117.9083</b>	<b>117.9083</b>	<b>4.3400e-003</b>		<b>118.0167</b>

**3.3 02 Staging Yard - 2023**

**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
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Category	lb/day										lb/day				
Fugitive Dust					0.3293	0.0000	0.3293	0.0356	0.0000	0.0356			0.0000		0.0000
Off-Road	2.2202	16.8357	14.8441	0.0561		0.6240	0.6240		0.5740	0.5740	5,430.7923	5,430.7923	1.7564		5,474.7030
<b>Total</b>	<b>2.2202</b>	<b>16.8357</b>	<b>14.8441</b>	<b>0.0561</b>	<b>0.3293</b>	<b>0.6240</b>	<b>0.9533</b>	<b>0.0356</b>	<b>0.5740</b>	<b>0.6096</b>	<b>5,430.7923</b>	<b>5,430.7923</b>	<b>1.7564</b>		<b>5,474.7030</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.0951</b>	<b>0.0422</b>	<b>0.4284</b>	<b>1.1400e-003</b>	<b>0.1277</b>	<b>8.3000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.7000e-004</b>	<b>0.0346</b>		<b>113.5217</b>	<b>113.5217</b>	<b>3.8200e-003</b>		<b>113.6173</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1284	0.0000	0.1284	0.0139	0.0000	0.0139			0.0000			0.0000
Off-Road	2.2202	16.8357	14.8441	0.0561		0.6240	0.6240		0.5740	0.5740	0.0000	5,430.7923	5,430.7923	1.7564		5,474.7030

<b>Total</b>	<b>2.2202</b>	<b>16.8357</b>	<b>14.8441</b>	<b>0.0561</b>	<b>0.1284</b>	<b>0.6240</b>	<b>0.7524</b>	<b>0.0139</b>	<b>0.5740</b>	<b>0.5879</b>	<b>0.0000</b>	<b>5,430.7923</b>	<b>5,430.7923</b>	<b>1.7564</b>		<b>5,474.7030</b>
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**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.0951</b>	<b>0.0422</b>	<b>0.4284</b>	<b>1.1400e-003</b>	<b>0.1277</b>	<b>8.3000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.7000e-004</b>	<b>0.0346</b>		<b>113.5217</b>	<b>113.5217</b>	<b>3.8200e-003</b>		<b>113.6173</b>

**3.3 02 Staging Yard - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3293	0.0000	0.3293	0.0356	0.0000	0.0356			0.0000			0.0000
Off-Road	2.1876	15.7924	14.6243	0.0561		0.5829	0.5829		0.5362	0.5362		5,432.1751	5,432.1751	1.7569		5,476.0970
<b>Total</b>	<b>2.1876</b>	<b>15.7924</b>	<b>14.6243</b>	<b>0.0561</b>	<b>0.3293</b>	<b>0.5829</b>	<b>0.9121</b>	<b>0.0356</b>	<b>0.5362</b>	<b>0.5718</b>		<b>5,432.1751</b>	<b>5,432.1751</b>	<b>1.7569</b>		<b>5,476.0970</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0892	0.0378	0.3903	1.1000e-003	0.1277	8.0000e-004	0.1285	0.0339	7.4000e-004	0.0346		109.1590	109.1590	3.3800e-003		109.2435
<b>Total</b>	<b>0.0892</b>	<b>0.0378</b>	<b>0.3903</b>	<b>1.1000e-003</b>	<b>0.1277</b>	<b>8.0000e-004</b>	<b>0.1285</b>	<b>0.0339</b>	<b>7.4000e-004</b>	<b>0.0346</b>		<b>109.1590</b>	<b>109.1590</b>	<b>3.3800e-003</b>		<b>109.2435</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1284	0.0000	0.1284	0.0139	0.0000	0.0139			0.0000			0.0000
Off-Road	2.1876	15.7924	14.6243	0.0561		0.5829	0.5829		0.5362	0.5362	0.0000	5,432.1751	5,432.1751	1.7569		5,476.0970
<b>Total</b>	<b>2.1876</b>	<b>15.7924</b>	<b>14.6243</b>	<b>0.0561</b>	<b>0.1284</b>	<b>0.5829</b>	<b>0.7113</b>	<b>0.0139</b>	<b>0.5362</b>	<b>0.5501</b>	<b>0.0000</b>	<b>5,432.1751</b>	<b>5,432.1751</b>	<b>1.7569</b>		<b>5,476.0970</b>

**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
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0892	0.0378	0.3903	1.1000e-003	0.1277	8.0000e-004	0.1285	0.0339	7.4000e-004	0.0346		109.1590	109.1590	3.3800e-003	109.2435
<b>Total</b>	<b>0.0892</b>	<b>0.0378</b>	<b>0.3903</b>	<b>1.1000e-003</b>	<b>0.1277</b>	<b>8.0000e-004</b>	<b>0.1285</b>	<b>0.0339</b>	<b>7.4000e-004</b>	<b>0.0346</b>		<b>109.1590</b>	<b>109.1590</b>	<b>3.3800e-003</b>	<b>109.2435</b>

### 3.4 03 Road Work - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.5387	0.0000	10.5387	5.7929	0.0000	5.7929			0.0000			0.0000
Off-Road	7.2264	69.7685	48.4140	0.1369		2.7359	2.7359		2.5170	2.5170		13,250.6067	13,250.6067	4.2855		13,357.7446
<b>Total</b>	<b>7.2264</b>	<b>69.7685</b>	<b>48.4140</b>	<b>0.1369</b>	<b>10.5387</b>	<b>2.7359</b>	<b>13.2746</b>	<b>5.7929</b>	<b>2.5170</b>	<b>8.3099</b>		<b>13,250.6067</b>	<b>13,250.6067</b>	<b>4.2855</b>		<b>13,357.7446</b>

#### Unmitigated Construction Off-Site

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

Worker	0.1300	0.0637	0.6386	1.4700e-003	0.1533	1.0800e-003	0.1544	0.0407	9.9000e-004	0.0416		146.7190	146.7190	5.8900e-003		146.8663
<b>Total</b>	<b>0.1300</b>	<b>0.0637</b>	<b>0.6386</b>	<b>1.4700e-003</b>	<b>0.1533</b>	<b>1.0800e-003</b>	<b>0.1544</b>	<b>0.0407</b>	<b>9.9000e-004</b>	<b>0.0416</b>		<b>146.7190</b>	<b>146.7190</b>	<b>5.8900e-003</b>		<b>146.8663</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1101	0.0000	4.1101	2.2592	0.0000	2.2592			0.0000			0.0000
Off-Road	7.2264	69.7685	48.4140	0.1369		2.7359	2.7359		2.5170	2.5170	0.0000	13,250.6067	13,250.6067	4.2855		13,357.7445
<b>Total</b>	<b>7.2264</b>	<b>69.7685</b>	<b>48.4140</b>	<b>0.1369</b>	<b>4.1101</b>	<b>2.7359</b>	<b>6.8460</b>	<b>2.2592</b>	<b>2.5170</b>	<b>4.7763</b>	<b>0.0000</b>	<b>13,250.6067</b>	<b>13,250.6067</b>	<b>4.2855</b>		<b>13,357.7445</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1300	0.0637	0.6386	1.4700e-003	0.1533	1.0800e-003	0.1544	0.0407	9.9000e-004	0.0416		146.7190	146.7190	5.8900e-003		146.8663
<b>Total</b>	<b>0.1300</b>	<b>0.0637</b>	<b>0.6386</b>	<b>1.4700e-003</b>	<b>0.1533</b>	<b>1.0800e-003</b>	<b>0.1544</b>	<b>0.0407</b>	<b>9.9000e-004</b>	<b>0.0416</b>		<b>146.7190</b>	<b>146.7190</b>	<b>5.8900e-003</b>		<b>146.8663</b>

**3.5 04 West Crossing Installation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.7035	33.0881	24.0824	0.0848		1.1966	1.1966		1.1009	1.1009		8,203.4064	8,203.4064	2.6532		8,269.7351
<b>Total</b>	<b>3.7035</b>	<b>33.0881</b>	<b>24.0824</b>	<b>0.0848</b>	<b>0.0000</b>	<b>1.1966</b>	<b>1.1966</b>	<b>0.0000</b>	<b>1.1009</b>	<b>1.1009</b>		<b>8,203.4064</b>	<b>8,203.4064</b>	<b>2.6532</b>		<b>8,269.7351</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1300	0.0637	0.6386	1.4700e-003	0.1533	1.0800e-003	0.1544	0.0407	9.9000e-004	0.0416		146.7190	146.7190	5.8900e-003		146.8663
<b>Total</b>	<b>0.1300</b>	<b>0.0637</b>	<b>0.6386</b>	<b>1.4700e-003</b>	<b>0.1533</b>	<b>1.0800e-003</b>	<b>0.1544</b>	<b>0.0407</b>	<b>9.9000e-004</b>	<b>0.0416</b>		<b>146.7190</b>	<b>146.7190</b>	<b>5.8900e-003</b>		<b>146.8663</b>

**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
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Category	lb/day										lb/day				
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000
Off-Road	3.7035	33.0881	24.0824	0.0848		1.1966	1.1966		1.1009	1.1009	0.0000	8,203.4064	8,203.4064	2.6532	8,269.7351
<b>Total</b>	<b>3.7035</b>	<b>33.0881</b>	<b>24.0824</b>	<b>0.0848</b>	<b>0.0000</b>	<b>1.1966</b>	<b>1.1966</b>	<b>0.0000</b>	<b>1.1009</b>	<b>1.1009</b>	<b>0.0000</b>	<b>8,203.4064</b>	<b>8,203.4064</b>	<b>2.6532</b>	<b>8,269.7351</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1300	0.0637	0.6386	1.4700e-003	0.1533	1.0800e-003	0.1544	0.0407	9.9000e-004	0.0416		146.7190	146.7190	5.8900e-003		146.8663
<b>Total</b>	<b>0.1300</b>	<b>0.0637</b>	<b>0.6386</b>	<b>1.4700e-003</b>	<b>0.1533</b>	<b>1.0800e-003</b>	<b>0.1544</b>	<b>0.0407</b>	<b>9.9000e-004</b>	<b>0.0416</b>		<b>146.7190</b>	<b>146.7190</b>	<b>5.8900e-003</b>		<b>146.8663</b>

**3.6 05 Install TSP Foundations - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8825	0.0000	0.8825	0.0953	0.0000	0.0953			0.0000			0.0000
Off-Road	8.4925	82.8555	54.4611	0.1773		3.0707	3.0707		2.8250	2.8250		17,162.4068	17,162.4068	5.5507		17,301.1736

<b>Total</b>	<b>8.4925</b>	<b>82.8555</b>	<b>54.4611</b>	<b>0.1773</b>	<b>0.8825</b>	<b>3.0707</b>	<b>3.9532</b>	<b>0.0953</b>	<b>2.8250</b>	<b>2.9203</b>		<b>17,162.40</b>	<b>17,162.406</b>	<b>5.5507</b>		<b>17,301.17</b>
												<b>68</b>	<b>8</b>			<b>36</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3199	2.4738	2.0799	0.0107	0.3912	0.0133	0.4045	0.1173	0.0127	0.1300		1,107.5666	1,107.5666	0.0250		1,108.1908
Worker	0.4335	0.2123	2.1287	4.9200e-003	0.5109	3.5900e-003	0.5145	0.1355	3.3100e-003	0.1388		489.0632	489.0632	0.0197		489.5544
<b>Total</b>	<b>0.7534</b>	<b>2.6861</b>	<b>4.2086</b>	<b>0.0157</b>	<b>0.9021</b>	<b>0.0169</b>	<b>0.9190</b>	<b>0.2528</b>	<b>0.0160</b>	<b>0.2688</b>		<b>1,596.6298</b>	<b>1,596.6298</b>	<b>0.0446</b>		<b>1,597.7452</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3442	0.0000	0.3442	0.0372	0.0000	0.0372			0.0000			0.0000
Off-Road	8.4925	82.8555	54.4611	0.1773		3.0707	3.0707		2.8250	2.8250	0.0000	17,162.4068	17,162.4068	5.5507		17,301.1736
<b>Total</b>	<b>8.4925</b>	<b>82.8555</b>	<b>54.4611</b>	<b>0.1773</b>	<b>0.3442</b>	<b>3.0707</b>	<b>3.4148</b>	<b>0.0372</b>	<b>2.8250</b>	<b>2.8622</b>	<b>0.0000</b>	<b>17,162.4068</b>	<b>17,162.4068</b>	<b>5.5507</b>		<b>17,301.1736</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3199	2.4738	2.0799	0.0107	0.3912	0.0133	0.4045	0.1173	0.0127	0.1300		1,107.5666	1,107.5666	0.0250		1,108.1908
Worker	0.4335	0.2123	2.1287	4.9200e-003	0.5109	3.5900e-003	0.5145	0.1355	3.3100e-003	0.1388		489.0632	489.0632	0.0197		489.5544
<b>Total</b>	<b>0.7534</b>	<b>2.6861</b>	<b>4.2086</b>	<b>0.0157</b>	<b>0.9021</b>	<b>0.0169</b>	<b>0.9190</b>	<b>0.2528</b>	<b>0.0160</b>	<b>0.2688</b>		<b>1,596.6298</b>	<b>1,596.6298</b>	<b>0.0446</b>		<b>1,597.7452</b>

### 3.6 05 Install TSP Foundations - 2022

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8825	0.0000	0.8825	0.0953	0.0000	0.0953			0.0000			0.0000
Off-Road	7.4556	65.7520	50.6880	0.1773		2.4430	2.4430		2.2476	2.2476		17,161.7869	17,161.7869	5.5505		17,300.5487
<b>Total</b>	<b>7.4556</b>	<b>65.7520</b>	<b>50.6880</b>	<b>0.1773</b>	<b>0.8825</b>	<b>2.4430</b>	<b>3.3255</b>	<b>0.0953</b>	<b>2.2476</b>	<b>2.3429</b>		<b>17,161.7869</b>	<b>17,161.7869</b>	<b>5.5505</b>		<b>17,300.5487</b>

#### 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
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2876	2.3737	1.8035	0.0107	0.3912	0.0119	0.4031	0.1173	0.0114	0.1287	1,102.9901	1,102.9901	0.0213	1,103.5236	
Worker	0.4062	0.1891	1.9109	4.7400e-003	0.5109	3.4500e-003	0.5144	0.1355	3.1800e-003	0.1387	471.6330	471.6330	0.0174	472.0666	
<b>Total</b>	<b>0.6938</b>	<b>2.5628</b>	<b>3.7144</b>	<b>0.0154</b>	<b>0.9021</b>	<b>0.0153</b>	<b>0.9175</b>	<b>0.2528</b>	<b>0.0145</b>	<b>0.2674</b>	<b>1,574.6231</b>	<b>1,574.6231</b>	<b>0.0387</b>	<b>1,575.5903</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3442	0.0000	0.3442	0.0372	0.0000	0.0372			0.0000			0.0000
Off-Road	7.4556	65.7520	50.6880	0.1773		2.4430	2.4430		2.2476	2.2476	0.0000	17,161.7869	17,161.7869	5.5505		17,300.5487
<b>Total</b>	<b>7.4556</b>	<b>65.7520</b>	<b>50.6880</b>	<b>0.1773</b>	<b>0.3442</b>	<b>2.4430</b>	<b>2.7872</b>	<b>0.0372</b>	<b>2.2476</b>	<b>2.2848</b>	<b>0.0000</b>	<b>17,161.7869</b>	<b>17,161.7869</b>	<b>5.5505</b>		<b>17,300.5487</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.2876	2.3737	1.8035	0.0107	0.3912	0.0119	0.4031	0.1173	0.0114	0.1287	1,102.9901	1,102.9901	0.0213	1,103.5236		

Worker	0.4062	0.1891	1.9109	4.7400e-003	0.5109	3.4500e-003	0.5144	0.1355	3.1800e-003	0.1387		471.6330	471.6330	0.0174		472.0666
<b>Total</b>	<b>0.6938</b>	<b>2.5628</b>	<b>3.7144</b>	<b>0.0154</b>	<b>0.9021</b>	<b>0.0153</b>	<b>0.9175</b>	<b>0.2528</b>	<b>0.0145</b>	<b>0.2674</b>		<b>1,574.6231</b>	<b>1,574.6231</b>	<b>0.0387</b>		<b>1,575.5903</b>

### 3.7 05A Install TSP Foundations - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	6.4233	60.2986	45.2358	0.1908		2.1253	2.1253		1.9553	1.9553		18,467.6989	18,467.6989	5.9728		18,617.0196
<b>Total</b>	<b>6.4233</b>	<b>60.2986</b>	<b>45.2358</b>	<b>0.1908</b>	<b>0.0000</b>	<b>2.1253</b>	<b>2.1253</b>	<b>0.0000</b>	<b>1.9553</b>	<b>1.9553</b>		<b>18,467.6989</b>	<b>18,467.6989</b>	<b>5.9728</b>		<b>18,617.0196</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	6.4233	60.2986	45.2358	0.1908		2.1253	2.1253		1.9553	1.9553	0.0000	18,467.6989	18,467.6989	5.9728		18,617.0196
<b>Total</b>	<b>6.4233</b>	<b>60.2986</b>	<b>45.2358</b>	<b>0.1908</b>	<b>0.0000</b>	<b>2.1253</b>	<b>2.1253</b>	<b>0.0000</b>	<b>1.9553</b>	<b>1.9553</b>	<b>0.0000</b>	<b>18,467.6989</b>	<b>18,467.6989</b>	<b>5.9728</b>		<b>18,617.0196</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**3.7 05A Install TSP Foundations - 2022**

**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
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Category	lb/day										lb/day				
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000
Off-Road	5.7233	48.2835	43.3983	0.1903		1.7012	1.7012		1.5651	1.5651	18,412.79	18,412.79	5.9551		18,561.67
											33	3			00
<b>Total</b>	<b>5.7233</b>	<b>48.2835</b>	<b>43.3983</b>	<b>0.1903</b>	<b>0.0000</b>	<b>1.7012</b>	<b>1.7012</b>	<b>0.0000</b>	<b>1.5651</b>	<b>1.5651</b>	<b>18,412.79</b>	<b>18,412.79</b>	<b>5.9551</b>		<b>18,561.67</b>
											<b>33</b>	<b>3</b>			<b>00</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	5.7233	48.2835	43.3983	0.1903		1.7012	1.7012		1.5651	1.5651	0.0000	18,412.79	18,412.79	5.9551		18,561.67
												33	3			00

<b>Total</b>	<b>5.7233</b>	<b>48.2835</b>	<b>43.3983</b>	<b>0.1903</b>	<b>0.0000</b>	<b>1.7012</b>	<b>1.7012</b>	<b>0.0000</b>	<b>1.5651</b>	<b>1.5651</b>	<b>0.0000</b>	<b>18,412.7933</b>	<b>18,412.7933</b>	<b>5.9551</b>		<b>18,561.6700</b>
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**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
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**3.8 06 TSP Haul - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.6954	24.9838	17.2716	0.0560		0.9383	0.9383		0.8632	0.8632		5,417.6004	5,417.6004	1.7522		5,461.4045
<b>Total</b>	<b>2.6954</b>	<b>24.9838</b>	<b>17.2716</b>	<b>0.0560</b>	<b>0.0000</b>	<b>0.9383</b>	<b>0.9383</b>	<b>0.0000</b>	<b>0.8632</b>	<b>0.8632</b>		<b>5,417.6004</b>	<b>5,417.6004</b>	<b>1.7522</b>		<b>5,461.4045</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1280	0.9895	0.8320	4.2900e-003	0.1565	5.3100e-003	0.1618	0.0469	5.0800e-003	0.0520		443.0266	443.0266	9.9900e-003		443.2763
Worker	0.1084	0.0531	0.5322	1.2300e-003	0.1277	9.0000e-004	0.1286	0.0339	8.3000e-004	0.0347		122.2658	122.2658	4.9100e-003		122.3886
<b>Total</b>	<b>0.2364</b>	<b>1.0426</b>	<b>1.3641</b>	<b>5.5200e-003</b>	<b>0.2842</b>	<b>6.2100e-003</b>	<b>0.2904</b>	<b>0.0808</b>	<b>5.9100e-003</b>	<b>0.0867</b>		<b>565.2925</b>	<b>565.2925</b>	<b>0.0149</b>		<b>565.6649</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.6954	24.9838	17.2716	0.0560		0.9383	0.9383		0.8632	0.8632	0.0000	5,417.6004	5,417.6004	1.7522		5,461.4045
<b>Total</b>	<b>2.6954</b>	<b>24.9838</b>	<b>17.2716</b>	<b>0.0560</b>	<b>0.0000</b>	<b>0.9383</b>	<b>0.9383</b>	<b>0.0000</b>	<b>0.8632</b>	<b>0.8632</b>	<b>0.0000</b>	<b>5,417.6004</b>	<b>5,417.6004</b>	<b>1.7522</b>		<b>5,461.4045</b>

**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
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1280	0.9895	0.8320	4.2900e-003	0.1565	5.3100e-003	0.1618	0.0469	5.0800e-003	0.0520	443.0266	443.0266	9.9900e-003	443.2763	
Worker	0.1084	0.0531	0.5322	1.2300e-003	0.1277	9.0000e-004	0.1286	0.0339	8.3000e-004	0.0347	122.2658	122.2658	4.9100e-003	122.3886	
<b>Total</b>	<b>0.2364</b>	<b>1.0426</b>	<b>1.3641</b>	<b>5.5200e-003</b>	<b>0.2842</b>	<b>6.2100e-003</b>	<b>0.2904</b>	<b>0.0808</b>	<b>5.9100e-003</b>	<b>0.0867</b>	<b>565.2925</b>	<b>565.2925</b>	<b>0.0149</b>	<b>565.6649</b>	

### 3.9 07 TSP Assembly - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.9374	36.3737	26.3810	0.0782		1.4311	1.4311		1.3282	1.3282	7,558.3099	7,558.3099	2.3342			7,616.6646
<b>Total</b>	<b>3.9374</b>	<b>36.3737</b>	<b>26.3810</b>	<b>0.0782</b>	<b>0.0000</b>	<b>1.4311</b>	<b>1.4311</b>	<b>0.0000</b>	<b>1.3282</b>	<b>1.3282</b>	<b>7,558.3099</b>	<b>7,558.3099</b>	<b>2.3342</b>			<b>7,616.6646</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor	0.1920	1.4843	1.2480	6.4400e-003	0.2347	7.9700e-003	0.2427	0.0704	7.6100e-003	0.0780	664.5400	664.5400	0.0150			664.9145

Worker	0.2167	0.1062	1.0643	2.4600e-003	0.2555	1.8000e-003	0.2573	0.0678	1.6600e-003	0.0694		244.5316	244.5316	9.8200e-003		244.7772
<b>Total</b>	<b>0.4087</b>	<b>1.5904</b>	<b>2.3123</b>	<b>8.9000e-003</b>	<b>0.4902</b>	<b>9.7700e-003</b>	<b>0.5000</b>	<b>0.1382</b>	<b>9.2700e-003</b>	<b>0.1474</b>		<b>909.0716</b>	<b>909.0716</b>	<b>0.0248</b>		<b>909.6917</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.9374	36.3737	26.3810	0.0782		1.4311	1.4311		1.3282	1.3282	0.0000	7,558.3099	7,558.3099	2.3342		7,616.6646
<b>Total</b>	<b>3.9374</b>	<b>36.3737</b>	<b>26.3810</b>	<b>0.0782</b>	<b>0.0000</b>	<b>1.4311</b>	<b>1.4311</b>	<b>0.0000</b>	<b>1.3282</b>	<b>1.3282</b>	<b>0.0000</b>	<b>7,558.3099</b>	<b>7,558.3099</b>	<b>2.3342</b>		<b>7,616.6646</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1920	1.4843	1.2480	6.4400e-003	0.2347	7.9700e-003	0.2427	0.0704	7.6100e-003	0.0780		664.5400	664.5400	0.0150		664.9145
Worker	0.2167	0.1062	1.0643	2.4600e-003	0.2555	1.8000e-003	0.2573	0.0678	1.6600e-003	0.0694		244.5316	244.5316	9.8200e-003		244.7772
<b>Total</b>	<b>0.4087</b>	<b>1.5904</b>	<b>2.3123</b>	<b>8.9000e-003</b>	<b>0.4902</b>	<b>9.7700e-003</b>	<b>0.5000</b>	<b>0.1382</b>	<b>9.2700e-003</b>	<b>0.1474</b>		<b>909.0716</b>	<b>909.0716</b>	<b>0.0248</b>		<b>909.6917</b>

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.4652	28.9544	24.5501	0.0782		1.1376	1.1376		1.0567	1.0567		7,559.4907	7,559.4907	2.3330		7,617.8168
<b>Total</b>	<b>3.4652</b>	<b>28.9544</b>	<b>24.5501</b>	<b>0.0782</b>	<b>0.0000</b>	<b>1.1376</b>	<b>1.1376</b>	<b>0.0000</b>	<b>1.0567</b>	<b>1.0567</b>		<b>7,559.4907</b>	<b>7,559.4907</b>	<b>2.3330</b>		<b>7,617.8168</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1726	1.4242	1.0821	6.4000e-003	0.2347	7.1300e-003	0.2419	0.0704	6.8200e-003	0.0772		661.7940	661.7940	0.0128		662.1142
Worker	0.2031	0.0946	0.9554	2.3700e-003	0.2555	1.7300e-003	0.2572	0.0678	1.5900e-003	0.0693		235.8165	235.8165	8.6700e-003		236.0333
<b>Total</b>	<b>0.3757</b>	<b>1.5188</b>	<b>2.0376</b>	<b>8.7700e-003</b>	<b>0.4902</b>	<b>8.8600e-003</b>	<b>0.4990</b>	<b>0.1382</b>	<b>8.4100e-003</b>	<b>0.1466</b>		<b>897.6105</b>	<b>897.6105</b>	<b>0.0215</b>		<b>898.1475</b>

**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
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Category	lb/day										lb/day				
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000
Off-Road	3.4652	28.9544	24.5501	0.0782		1.1376	1.1376		1.0567	1.0567	0.0000	7,559.4907	7,559.4907	2.3330	7,617.8168
<b>Total</b>	<b>3.4652</b>	<b>28.9544</b>	<b>24.5501</b>	<b>0.0782</b>	<b>0.0000</b>	<b>1.1376</b>	<b>1.1376</b>	<b>0.0000</b>	<b>1.0567</b>	<b>1.0567</b>	<b>0.0000</b>	<b>7,559.4907</b>	<b>7,559.4907</b>	<b>2.3330</b>	<b>7,617.8168</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1726	1.4242	1.0821	6.4000e-003	0.2347	7.1300e-003	0.2419	0.0704	6.8200e-003	0.0772		661.7940	661.7940	0.0128		662.1142
Worker	0.2031	0.0946	0.9554	2.3700e-003	0.2555	1.7300e-003	0.2572	0.0678	1.5900e-003	0.0693		235.8165	235.8165	8.6700e-003		236.0333
<b>Total</b>	<b>0.3757</b>	<b>1.5188</b>	<b>2.0376</b>	<b>8.7700e-003</b>	<b>0.4902</b>	<b>8.8600e-003</b>	<b>0.4990</b>	<b>0.1382</b>	<b>8.4100e-003</b>	<b>0.1466</b>		<b>897.6105</b>	<b>897.6105</b>	<b>0.0215</b>		<b>898.1475</b>

**3.10 08 TSP Erection - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.9374	36.3737	26.3810	0.0782		1.4311	1.4311		1.3282	1.3282		7,558.3099	7,558.3099	2.3342		7,616.6646

<b>Total</b>	<b>3.9374</b>	<b>36.3737</b>	<b>26.3810</b>	<b>0.0782</b>	<b>0.0000</b>	<b>1.4311</b>	<b>1.4311</b>	<b>0.0000</b>	<b>1.3282</b>	<b>1.3282</b>		<b>7,558.3099</b>	<b>7,558.3099</b>	<b>2.3342</b>		<b>7,616.6646</b>
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**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0960	0.7421	0.6240	3.2200e-003	0.1174	3.9800e-003	0.1213	0.0352	3.8100e-003	0.0390		332.2700	332.2700	7.4900e-003		332.4572
Worker	0.2167	0.1062	1.0643	2.4600e-003	0.2555	1.8000e-003	0.2573	0.0678	1.6600e-003	0.0694		244.5316	244.5316	9.8200e-003		244.7772
<b>Total</b>	<b>0.3127</b>	<b>0.8483</b>	<b>1.6883</b>	<b>5.6800e-003</b>	<b>0.3728</b>	<b>5.7800e-003</b>	<b>0.3786</b>	<b>0.1030</b>	<b>5.4700e-003</b>	<b>0.1084</b>		<b>576.8016</b>	<b>576.8016</b>	<b>0.0173</b>		<b>577.2344</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.9374	36.3737	26.3810	0.0782		1.4311	1.4311		1.3282	1.3282	0.0000	7,558.3099	7,558.3099	2.3342		7,616.6646
<b>Total</b>	<b>3.9374</b>	<b>36.3737</b>	<b>26.3810</b>	<b>0.0782</b>	<b>0.0000</b>	<b>1.4311</b>	<b>1.4311</b>	<b>0.0000</b>	<b>1.3282</b>	<b>1.3282</b>	<b>0.0000</b>	<b>7,558.3099</b>	<b>7,558.3099</b>	<b>2.3342</b>		<b>7,616.6646</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0960	0.7421	0.6240	3.2200e-003	0.1174	3.9800e-003	0.1213	0.0352	3.8100e-003	0.0390		332.2700	332.2700	7.4900e-003		332.4572
Worker	0.2167	0.1062	1.0643	2.4600e-003	0.2555	1.8000e-003	0.2573	0.0678	1.6600e-003	0.0694		244.5316	244.5316	9.8200e-003		244.7772
<b>Total</b>	<b>0.3127</b>	<b>0.8483</b>	<b>1.6883</b>	<b>5.6800e-003</b>	<b>0.3728</b>	<b>5.7800e-003</b>	<b>0.3786</b>	<b>0.1030</b>	<b>5.4700e-003</b>	<b>0.1084</b>		<b>576.8016</b>	<b>576.8016</b>	<b>0.0173</b>		<b>577.2344</b>

### 3.10 08 TSP Erection - 2022

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.4652	28.9544	24.5501	0.0782		1.1376	1.1376		1.0567	1.0567		7,559.4907	7,559.4907	2.3330		7,617.8168
<b>Total</b>	<b>3.4652</b>	<b>28.9544</b>	<b>24.5501</b>	<b>0.0782</b>	<b>0.0000</b>	<b>1.1376</b>	<b>1.1376</b>	<b>0.0000</b>	<b>1.0567</b>	<b>1.0567</b>		<b>7,559.4907</b>	<b>7,559.4907</b>	<b>2.3330</b>		<b>7,617.8168</b>

#### 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
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Category	lb/day										lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0863	0.7121	0.5411	3.2000e-003	0.1174	3.5700e-003	0.1209	0.0352	3.4100e-003	0.0386	330.8970	330.8970	6.4000e-003	331.0571
Worker	0.2031	0.0946	0.9554	2.3700e-003	0.2555	1.7300e-003	0.2572	0.0678	1.5900e-003	0.0693	235.8165	235.8165	8.6700e-003	236.0333
<b>Total</b>	<b>0.2894</b>	<b>0.8067</b>	<b>1.4965</b>	<b>5.5700e-003</b>	<b>0.3728</b>	<b>5.3000e-003</b>	<b>0.3781</b>	<b>0.1030</b>	<b>5.0000e-003</b>	<b>0.1080</b>	<b>566.7135</b>	<b>566.7135</b>	<b>0.0151</b>	<b>567.0904</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.4652	28.9544	24.5501	0.0782		1.1376	1.1376		1.0567	1.0567	0.0000	7,559.4907	7,559.4907	2.3330		7,617.8168
<b>Total</b>	<b>3.4652</b>	<b>28.9544</b>	<b>24.5501</b>	<b>0.0782</b>	<b>0.0000</b>	<b>1.1376</b>	<b>1.1376</b>	<b>0.0000</b>	<b>1.0567</b>	<b>1.0567</b>	<b>0.0000</b>	<b>7,559.4907</b>	<b>7,559.4907</b>	<b>2.3330</b>		<b>7,617.8168</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.0863	0.7121	0.5411	3.2000e-003	0.1174	3.5700e-003	0.1209	0.0352	3.4100e-003	0.0386	330.8970	330.8970	6.4000e-003	331.0571		

Worker	0.2031	0.0946	0.9554	2.3700e-003	0.2555	1.7300e-003	0.2572	0.0678	1.5900e-003	0.0693		235.8165	235.8165	8.6700e-003		236.0333
<b>Total</b>	<b>0.2894</b>	<b>0.8067</b>	<b>1.4965</b>	<b>5.5700e-003</b>	<b>0.3728</b>	<b>5.3000e-003</b>	<b>0.3781</b>	<b>0.1030</b>	<b>5.0000e-003</b>	<b>0.1080</b>		<b>566.7135</b>	<b>566.7135</b>	<b>0.0151</b>		<b>567.0904</b>

### 3.11 09 Install TSP Foundation MP - 2022

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	7.1544	59.1991	46.4190	0.1712		2.1695	2.1695		1.9959	1.9959		16,572.1664	16,572.1664	5.3598		16,706.1607
<b>Total</b>	<b>7.1544</b>	<b>59.1991</b>	<b>46.4190</b>	<b>0.1712</b>	<b>0.0000</b>	<b>2.1695</b>	<b>2.1695</b>	<b>0.0000</b>	<b>1.9959</b>	<b>1.9959</b>		<b>16,572.1664</b>	<b>16,572.1664</b>	<b>5.3598</b>		<b>16,706.1607</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2876	2.3737	1.8035	0.0107	0.3912	0.0119	0.4031	0.1173	0.0114	0.1287		1,102.9901	1,102.9901	0.0213		1,103.5236
Worker	0.2031	0.0946	0.9554	2.3700e-003	0.2555	1.7300e-003	0.2572	0.0678	1.5900e-003	0.0693		235.8165	235.8165	8.6700e-003		236.0333
<b>Total</b>	<b>0.4907</b>	<b>2.4682</b>	<b>2.7590</b>	<b>0.0130</b>	<b>0.6467</b>	<b>0.0136</b>	<b>0.6603</b>	<b>0.1851</b>	<b>0.0130</b>	<b>0.1980</b>		<b>1,338.8066</b>	<b>1,338.8066</b>	<b>0.0300</b>		<b>1,339.5569</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	7.1544	59.1991	46.4190	0.1712		2.1695	2.1695		1.9959	1.9959	0.0000	16,572.1663	16,572.1663	5.3598		16,706.1607
<b>Total</b>	<b>7.1544</b>	<b>59.1991</b>	<b>46.4190</b>	<b>0.1712</b>	<b>0.0000</b>	<b>2.1695</b>	<b>2.1695</b>	<b>0.0000</b>	<b>1.9959</b>	<b>1.9959</b>	<b>0.0000</b>	<b>16,572.1663</b>	<b>16,572.1663</b>	<b>5.3598</b>		<b>16,706.1607</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2876	2.3737	1.8035	0.0107	0.3912	0.0119	0.4031	0.1173	0.0114	0.1287		1,102.9901	1,102.9901	0.0213		1,103.5236
Worker	0.2031	0.0946	0.9554	2.3700e-003	0.2555	1.7300e-003	0.2572	0.0678	1.5900e-003	0.0693		235.8165	235.8165	8.6700e-003		236.0333
<b>Total</b>	<b>0.4907</b>	<b>2.4682</b>	<b>2.7590</b>	<b>0.0130</b>	<b>0.6467</b>	<b>0.0136</b>	<b>0.6603</b>	<b>0.1851</b>	<b>0.0130</b>	<b>0.1980</b>		<b>1,338.8066</b>	<b>1,338.8066</b>	<b>0.0300</b>		<b>1,339.5569</b>

**3.11 09 Install TSP Foundation MP - 2023**

**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
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Category	lb/day										lb/day				
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000
Off-Road	6.7648	52.3456	44.9865	0.1713		1.9090	1.9090		1.7563	1.7563		16,581.87 22	16,581.872 2	5.3629	16,715.94 51
<b>Total</b>	<b>6.7648</b>	<b>52.3456</b>	<b>44.9865</b>	<b>0.1713</b>	<b>0.0000</b>	<b>1.9090</b>	<b>1.9090</b>	<b>0.0000</b>	<b>1.7563</b>	<b>1.7563</b>		<b>16,581.87 22</b>	<b>16,581.872 2</b>	<b>5.3629</b>	<b>16,715.94 51</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2457	1.9871	1.5483	0.0106	0.3912	4.8900e-003	0.3961	0.1173	4.6600e-003	0.1220		1,093.678 0	1,093.6780	0.0177		1,094.120 4
Worker	0.1902	0.0843	0.8568	2.2800e-003	0.2555	1.6600e-003	0.2571	0.0678	1.5300e-003	0.0693		227.0435	227.0435	7.6400e-003		227.2346
<b>Total</b>	<b>0.4360</b>	<b>2.0714</b>	<b>2.4050</b>	<b>0.0129</b>	<b>0.6467</b>	<b>6.5500e-003</b>	<b>0.6532</b>	<b>0.1851</b>	<b>6.1900e-003</b>	<b>0.1913</b>		<b>1,320.721 4</b>	<b>1,320.7214</b>	<b>0.0253</b>		<b>1,321.354 9</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	6.7648	52.3456	44.9865	0.1713		1.9090	1.9090		1.7563	1.7563	0.0000	16,581.87 22	16,581.872 2	5.3629		16,715.94 51

<b>Total</b>	<b>6.7648</b>	<b>52.3456</b>	<b>44.9865</b>	<b>0.1713</b>	<b>0.0000</b>	<b>1.9090</b>	<b>1.9090</b>	<b>0.0000</b>	<b>1.7563</b>	<b>1.7563</b>	<b>0.0000</b>	<b>16,581.87</b>	<b>16,581.872</b>	<b>5.3629</b>		<b>16,715.94</b>
												<b>22</b>	<b>2</b>			<b>51</b>

**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
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2457	1.9871	1.5483	0.0106	0.3912	4.8900e-003	0.3961	0.1173	4.6600e-003	0.1220		1,093.6780	1,093.6780	0.0177		1,094.1204
Worker	0.1902	0.0843	0.8568	2.2800e-003	0.2555	1.6600e-003	0.2571	0.0678	1.5300e-003	0.0693		227.0435	227.0435	7.6400e-003		227.2346
<b>Total</b>	<b>0.4360</b>	<b>2.0714</b>	<b>2.4050</b>	<b>0.0129</b>	<b>0.6467</b>	<b>6.5500e-003</b>	<b>0.6532</b>	<b>0.1851</b>	<b>6.1900e-003</b>	<b>0.1913</b>		<b>1,320.7214</b>	<b>1,320.7214</b>	<b>0.0253</b>		<b>1,321.3549</b>

**3.12 10 TSP Haul MP - 2022**

**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
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.3496	17.8470	14.9346	0.0588		0.6490	0.6490		0.5971	0.5971		5,687.0304	5,687.0304	1.8393		5,733.0129
<b>Total</b>	<b>2.3496</b>	<b>17.8470</b>	<b>14.9346</b>	<b>0.0588</b>	<b>0.0000</b>	<b>0.6490</b>	<b>0.6490</b>	<b>0.0000</b>	<b>0.5971</b>	<b>0.5971</b>		<b>5,687.0304</b>	<b>5,687.0304</b>	<b>1.8393</b>		<b>5,733.0129</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1150	0.9495	0.7214	4.2700e-003	0.1565	4.7600e-003	0.1612	0.0469	4.5400e-003	0.0515		441.1960	441.1960	8.5400e-003		441.4095
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.2166</b>	<b>0.9968</b>	<b>1.1991</b>	<b>5.4500e-003</b>	<b>0.2842</b>	<b>5.6200e-003</b>	<b>0.2898</b>	<b>0.0808</b>	<b>5.3300e-003</b>	<b>0.0862</b>		<b>559.1043</b>	<b>559.1043</b>	<b>0.0129</b>		<b>559.4261</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.3496	17.8470	14.9346	0.0588		0.6490	0.6490		0.5971	0.5971	0.0000	5,687.0304	5,687.0304	1.8393		5,733.0129
<b>Total</b>	<b>2.3496</b>	<b>17.8470</b>	<b>14.9346</b>	<b>0.0588</b>	<b>0.0000</b>	<b>0.6490</b>	<b>0.6490</b>	<b>0.0000</b>	<b>0.5971</b>	<b>0.5971</b>	<b>0.0000</b>	<b>5,687.0304</b>	<b>5,687.0304</b>	<b>1.8393</b>		<b>5,733.0129</b>

**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
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1150	0.9495	0.7214	4.2700e-003	0.1565	4.7600e-003	0.1612	0.0469	4.5400e-003	0.0515	441.1960	441.1960	8.5400e-003	441.4095	
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347	117.9083	117.9083	4.3400e-003	118.0167	
<b>Total</b>	<b>0.2166</b>	<b>0.9968</b>	<b>1.1991</b>	<b>5.4500e-003</b>	<b>0.2842</b>	<b>5.6200e-003</b>	<b>0.2898</b>	<b>0.0808</b>	<b>5.3300e-003</b>	<b>0.0862</b>	<b>559.1043</b>	<b>559.1043</b>	<b>0.0129</b>	<b>559.4261</b>	

### 3.13 11 TSP Assembly MP - 2022

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.7326	14.4772	12.2750	0.0391		0.5688	0.5688		0.5283	0.5283		3,779.7454	3,779.7454	1.1665		3,808.9084
<b>Total</b>	<b>1.7326</b>	<b>14.4772</b>	<b>12.2750</b>	<b>0.0391</b>	<b>0.0000</b>	<b>0.5688</b>	<b>0.5688</b>	<b>0.0000</b>	<b>0.5283</b>	<b>0.5283</b>		<b>3,779.7454</b>	<b>3,779.7454</b>	<b>1.1665</b>		<b>3,808.9084</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0863	0.7121	0.5411	3.2000e-003	0.1174	3.5700e-003	0.1209	0.0352	3.4100e-003	0.0386		330.8970	330.8970	6.4000e-003		331.0571

Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1878</b>	<b>0.7594</b>	<b>1.0188</b>	<b>4.3800e-003</b>	<b>0.2451</b>	<b>4.4300e-003</b>	<b>0.2495</b>	<b>0.0691</b>	<b>4.2000e-003</b>	<b>0.0733</b>		<b>448.8053</b>	<b>448.8053</b>	<b>0.0107</b>		<b>449.0738</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.7326	14.4772	12.2750	0.0391		0.5688	0.5688		0.5283	0.5283	0.0000	3,779.7454	3,779.7454	1.1665		3,808.9084
<b>Total</b>	<b>1.7326</b>	<b>14.4772</b>	<b>12.2750</b>	<b>0.0391</b>	<b>0.0000</b>	<b>0.5688</b>	<b>0.5688</b>	<b>0.0000</b>	<b>0.5283</b>	<b>0.5283</b>	<b>0.0000</b>	<b>3,779.7454</b>	<b>3,779.7454</b>	<b>1.1665</b>		<b>3,808.9084</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0863	0.7121	0.5411	3.2000e-003	0.1174	3.5700e-003	0.1209	0.0352	3.4100e-003	0.0386		330.8970	330.8970	6.4000e-003		331.0571
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1878</b>	<b>0.7594</b>	<b>1.0188</b>	<b>4.3800e-003</b>	<b>0.2451</b>	<b>4.4300e-003</b>	<b>0.2495</b>	<b>0.0691</b>	<b>4.2000e-003</b>	<b>0.0733</b>		<b>448.8053</b>	<b>448.8053</b>	<b>0.0107</b>		<b>449.0738</b>

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.6299	12.8116	11.8017	0.0391		0.4984	0.4984		0.4628	0.4628		3,781.9169	3,781.9169	1.1661		3,811.0689
<b>Total</b>	<b>1.6299</b>	<b>12.8116</b>	<b>11.8017</b>	<b>0.0391</b>	<b>0.0000</b>	<b>0.4984</b>	<b>0.4984</b>	<b>0.0000</b>	<b>0.4628</b>	<b>0.4628</b>		<b>3,781.9169</b>	<b>3,781.9169</b>	<b>1.1661</b>		<b>3,811.0689</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0737	0.5961	0.4645	3.1700e-003	0.1174	1.4700e-003	0.1188	0.0352	1.4000e-003	0.0366		328.1034	328.1034	5.3100e-003		328.2361
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1688</b>	<b>0.6383</b>	<b>0.8929</b>	<b>4.3100e-003</b>	<b>0.2451</b>	<b>2.3000e-003</b>	<b>0.2474</b>	<b>0.0691</b>	<b>2.1700e-003</b>	<b>0.0712</b>		<b>441.6251</b>	<b>441.6251</b>	<b>9.1300e-003</b>		<b>441.8534</b>

**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
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Category	lb/day										lb/day				
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000
Off-Road	1.6299	12.8116	11.8017	0.0391		0.4984	0.4984		0.4628	0.4628	0.0000	3,781.9169	3,781.9169	1.1661	3,811.0689
<b>Total</b>	<b>1.6299</b>	<b>12.8116</b>	<b>11.8017</b>	<b>0.0391</b>	<b>0.0000</b>	<b>0.4984</b>	<b>0.4984</b>	<b>0.0000</b>	<b>0.4628</b>	<b>0.4628</b>	<b>0.0000</b>	<b>3,781.9169</b>	<b>3,781.9169</b>	<b>1.1661</b>	<b>3,811.0689</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0737	0.5961	0.4645	3.1700e-003	0.1174	1.4700e-003	0.1188	0.0352	1.4000e-003	0.0366		328.1034	328.1034	5.3100e-003		328.2361
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1688</b>	<b>0.6383</b>	<b>0.8929</b>	<b>4.3100e-003</b>	<b>0.2451</b>	<b>2.3000e-003</b>	<b>0.2474</b>	<b>0.0691</b>	<b>2.1700e-003</b>	<b>0.0712</b>		<b>441.6251</b>	<b>441.6251</b>	<b>9.1300e-003</b>		<b>441.8534</b>

**3.14 12 TSP Erection MP - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.4369	12.2307	10.3951	0.0317		0.4871	0.4871		0.4532	0.4532		3,063.8954	3,063.8954	0.9350		3,087.2704

<b>Total</b>	<b>1.4369</b>	<b>12.2307</b>	<b>10.3951</b>	<b>0.0317</b>	<b>0.0000</b>	<b>0.4871</b>	<b>0.4871</b>	<b>0.0000</b>	<b>0.4532</b>	<b>0.4532</b>		<b>3,063.8954</b>	<b>3,063.8954</b>	<b>0.9350</b>		<b>3,087.2704</b>
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**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0431	0.3561	0.2705	1.6000e-003	0.0587	1.7800e-003	0.0605	0.0176	1.7000e-003	0.0193		165.4485	165.4485	3.2000e-003		165.5285
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1447</b>	<b>0.4033</b>	<b>0.7483</b>	<b>2.7800e-003</b>	<b>0.1864</b>	<b>2.6400e-003</b>	<b>0.1891</b>	<b>0.0515</b>	<b>2.4900e-003</b>	<b>0.0540</b>		<b>283.3568</b>	<b>283.3568</b>	<b>7.5400e-003</b>		<b>283.5452</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.4369	12.2307	10.3951	0.0317		0.4871	0.4871		0.4532	0.4532	0.0000	3,063.8954	3,063.8954	0.9350		3,087.2704
<b>Total</b>	<b>1.4369</b>	<b>12.2307</b>	<b>10.3951</b>	<b>0.0317</b>	<b>0.0000</b>	<b>0.4871</b>	<b>0.4871</b>	<b>0.0000</b>	<b>0.4532</b>	<b>0.4532</b>	<b>0.0000</b>	<b>3,063.8954</b>	<b>3,063.8954</b>	<b>0.9350</b>		<b>3,087.2704</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0431	0.3561	0.2705	1.6000e-003	0.0587	1.7800e-003	0.0605	0.0176	1.7000e-003	0.0193		165.4485	165.4485	3.2000e-003		165.5285
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1447</b>	<b>0.4033</b>	<b>0.7483</b>	<b>2.7800e-003</b>	<b>0.1864</b>	<b>2.6400e-003</b>	<b>0.1891</b>	<b>0.0515</b>	<b>2.4900e-003</b>	<b>0.0540</b>		<b>283.3568</b>	<b>283.3568</b>	<b>7.5400e-003</b>		<b>283.5452</b>

**3.14 12 TSP Erection MP - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3479	10.8146	9.9611	0.0317		0.4261	0.4261		0.3964	0.3964		3,065.5614	3,065.5614	0.9344		3,088.9213
<b>Total</b>	<b>1.3479</b>	<b>10.8146</b>	<b>9.9611</b>	<b>0.0317</b>	<b>0.0000</b>	<b>0.4261</b>	<b>0.4261</b>	<b>0.0000</b>	<b>0.3964</b>	<b>0.3964</b>		<b>3,065.5614</b>	<b>3,065.5614</b>	<b>0.9344</b>		<b>3,088.9213</b>

**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
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0369	0.2981	0.2322	1.5900e-003	0.0587	7.3000e-004	0.0594	0.0176	7.0000e-004	0.0183	164.0517	164.0517	2.6500e-003	164.1181	
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346	113.5217	113.5217	3.8200e-003	113.6173	
<b>Total</b>	<b>0.1320</b>	<b>0.3402</b>	<b>0.6606</b>	<b>2.7300e-003</b>	<b>0.1864</b>	<b>1.5600e-003</b>	<b>0.1880</b>	<b>0.0515</b>	<b>1.4700e-003</b>	<b>0.0529</b>	<b>277.5734</b>	<b>277.5734</b>	<b>6.4700e-003</b>	<b>277.7353</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3479	10.8146	9.9611	0.0317		0.4261	0.4261		0.3964	0.3964	0.0000	3,065.5614	3,065.5614	0.9344		3,088.9213
<b>Total</b>	<b>1.3479</b>	<b>10.8146</b>	<b>9.9611</b>	<b>0.0317</b>	<b>0.0000</b>	<b>0.4261</b>	<b>0.4261</b>	<b>0.0000</b>	<b>0.3964</b>	<b>0.3964</b>	<b>0.0000</b>	<b>3,065.5614</b>	<b>3,065.5614</b>	<b>0.9344</b>		<b>3,088.9213</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0369	0.2981	0.2322	1.5900e-003	0.0587	7.3000e-004	0.0594	0.0176	7.0000e-004	0.0183	164.0517	164.0517	2.6500e-003	164.1181		

Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1320</b>	<b>0.3402</b>	<b>0.6606</b>	<b>2.7300e-003</b>	<b>0.1864</b>	<b>1.5600e-003</b>	<b>0.1880</b>	<b>0.0515</b>	<b>1.4700e-003</b>	<b>0.0529</b>		<b>277.5734</b>	<b>277.5734</b>	<b>6.4700e-003</b>		<b>277.7353</b>

### 3.15 13 Existing Pole Removal - 2022

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.7275	20.7175	17.3367	0.0682		0.7534	0.7534		0.6931	0.6931		6,601.7276	6,601.7276	2.1351		6,655.1059
<b>Total</b>	<b>2.7275</b>	<b>20.7175</b>	<b>17.3367</b>	<b>0.0682</b>	<b>0.0000</b>	<b>0.7534</b>	<b>0.7534</b>	<b>0.0000</b>	<b>0.6931</b>	<b>0.6931</b>		<b>6,601.7276</b>	<b>6,601.7276</b>	<b>2.1351</b>		<b>6,655.1059</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1016</b>	<b>0.0473</b>	<b>0.4777</b>	<b>1.1800e-003</b>	<b>0.1277</b>	<b>8.6000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.9000e-004</b>	<b>0.0347</b>		<b>117.9083</b>	<b>117.9083</b>	<b>4.3400e-003</b>		<b>118.0167</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.7275	20.7175	17.3367	0.0682		0.7534	0.7534		0.6931	0.6931	0.0000	6,601.7276	6,601.7276	2.1351		6,655.1059
<b>Total</b>	<b>2.7275</b>	<b>20.7175</b>	<b>17.3367</b>	<b>0.0682</b>	<b>0.0000</b>	<b>0.7534</b>	<b>0.7534</b>	<b>0.0000</b>	<b>0.6931</b>	<b>0.6931</b>	<b>0.0000</b>	<b>6,601.7276</b>	<b>6,601.7276</b>	<b>2.1351</b>		<b>6,655.1059</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1016</b>	<b>0.0473</b>	<b>0.4777</b>	<b>1.1800e-003</b>	<b>0.1277</b>	<b>8.6000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.9000e-004</b>	<b>0.0347</b>		<b>117.9083</b>	<b>117.9083</b>	<b>4.3400e-003</b>		<b>118.0167</b>

**3.16 14 Existing H-Frame Removal - 2022**

**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
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Category	lb/day										lb/day				
Fugitive Dust					7.6117	0.0000	7.6117	0.8219	0.0000	0.8219			0.0000		0.0000
Off-Road	9.0842	68.4435	59.7166	0.2189		2.6062	2.6062		2.4228	2.4228		21,166.0613	21,166.0613	6.5659	21,330.2091
<b>Total</b>	<b>9.0842</b>	<b>68.4435</b>	<b>59.7166</b>	<b>0.2189</b>	<b>7.6117</b>	<b>2.6062</b>	<b>10.2178</b>	<b>0.8219</b>	<b>2.4228</b>	<b>3.2447</b>		<b>21,166.0613</b>	<b>21,166.0613</b>	<b>6.5659</b>	<b>21,330.2091</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5078	0.2364	2.3886	5.9200e-003	0.6387	4.3100e-003	0.6430	0.1694	3.9700e-003	0.1733		589.5412	589.5412	0.0217		590.0833
<b>Total</b>	<b>0.5078</b>	<b>0.2364</b>	<b>2.3886</b>	<b>5.9200e-003</b>	<b>0.6387</b>	<b>4.3100e-003</b>	<b>0.6430</b>	<b>0.1694</b>	<b>3.9700e-003</b>	<b>0.1733</b>		<b>589.5412</b>	<b>589.5412</b>	<b>0.0217</b>		<b>590.0833</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9686	0.0000	2.9686	0.3205	0.0000	0.3205			0.0000			0.0000
Off-Road	9.0842	68.4435	59.7166	0.2189		2.6062	2.6062		2.4228	2.4228	0.0000	21,166.0613	21,166.0613	6.5659		21,330.2091

<b>Total</b>	<b>9.0842</b>	<b>68.4435</b>	<b>59.7166</b>	<b>0.2189</b>	<b>2.9686</b>	<b>2.6062</b>	<b>5.5747</b>	<b>0.3205</b>	<b>2.4228</b>	<b>2.7433</b>	<b>0.0000</b>	<b>21,166.06</b>	<b>21,166.06</b>	<b>6.5659</b>		<b>21,330.20</b>
												<b>13</b>	<b>3</b>			<b>91</b>

**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
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5078	0.2364	2.3886	5.9200e-003	0.6387	4.3100e-003	0.6430	0.1694	3.9700e-003	0.1733		589.5412	589.5412	0.0217		590.0833
<b>Total</b>	<b>0.5078</b>	<b>0.2364</b>	<b>2.3886</b>	<b>5.9200e-003</b>	<b>0.6387</b>	<b>4.3100e-003</b>	<b>0.6430</b>	<b>0.1694</b>	<b>3.9700e-003</b>	<b>0.1733</b>		<b>589.5412</b>	<b>589.5412</b>	<b>0.0217</b>		<b>590.0833</b>

**3.17 15 Existing Lattice Structure/TSP Removal - 2022**

**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
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	26.1182	223.8640	198.1890	0.6949		8.3859	8.3859		7.7150	7.7150		67,254.4072	67,254.4072	21.7514		67,798.1931
<b>Total</b>	<b>26.1182</b>	<b>223.8640</b>	<b>198.1890</b>	<b>0.6949</b>	<b>0.0000</b>	<b>8.3859</b>	<b>8.3859</b>	<b>0.0000</b>	<b>7.7150</b>	<b>7.7150</b>		<b>67,254.4072</b>	<b>67,254.4072</b>	<b>21.7514</b>		<b>67,798.1931</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5078	0.2364	2.3886	5.9200e-003	0.6387	4.3100e-003	0.6430	0.1694	3.9700e-003	0.1733		589.5412	589.5412	0.0217		590.0833
<b>Total</b>	<b>0.5078</b>	<b>0.2364</b>	<b>2.3886</b>	<b>5.9200e-003</b>	<b>0.6387</b>	<b>4.3100e-003</b>	<b>0.6430</b>	<b>0.1694</b>	<b>3.9700e-003</b>	<b>0.1733</b>		<b>589.5412</b>	<b>589.5412</b>	<b>0.0217</b>		<b>590.0833</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	26.1182	223.8640	198.1890	0.6949		8.3859	8.3859		7.7150	7.7150	0.0000	67,254.4071	67,254.4071	21.7514		67,798.1930
<b>Total</b>	<b>26.1182</b>	<b>223.8640</b>	<b>198.1890</b>	<b>0.6949</b>	<b>0.0000</b>	<b>8.3859</b>	<b>8.3859</b>	<b>0.0000</b>	<b>7.7150</b>	<b>7.7150</b>	<b>0.0000</b>	<b>67,254.4071</b>	<b>67,254.4071</b>	<b>21.7514</b>		<b>67,798.1930</b>

**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
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5078	0.2364	2.3886	5.9200e-003	0.6387	4.3100e-003	0.6430	0.1694	3.9700e-003	0.1733	589.5412	589.5412	0.0217	590.0833	
<b>Total</b>	<b>0.5078</b>	<b>0.2364</b>	<b>2.3886</b>	<b>5.9200e-003</b>	<b>0.6387</b>	<b>4.3100e-003</b>	<b>0.6430</b>	<b>0.1694</b>	<b>3.9700e-003</b>	<b>0.1733</b>	<b>589.5412</b>	<b>589.5412</b>	<b>0.0217</b>	<b>590.0833</b>	

### 3.17 15 Existing Lattice Structure/TSP Removal - 2023

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	24.8871	200.6793	194.6137	0.6955		7.5085	7.5085		6.9079	6.9079		67,315.4649	67,315.4649	21.7712		67,859.7446
<b>Total</b>	<b>24.8871</b>	<b>200.6793</b>	<b>194.6137</b>	<b>0.6955</b>	<b>0.0000</b>	<b>7.5085</b>	<b>7.5085</b>	<b>0.0000</b>	<b>6.9079</b>	<b>6.9079</b>		<b>67,315.4649</b>	<b>67,315.4649</b>	<b>21.7712</b>		<b>67,859.7446</b>

#### Unmitigated Construction Off-Site

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

Worker	0.4755	0.2107	2.1419	5.7000e-003	0.6387	4.1600e-003	0.6428	0.1694	3.8300e-003	0.1732		567.6087	567.6087	0.0191		568.0864
<b>Total</b>	<b>0.4755</b>	<b>0.2107</b>	<b>2.1419</b>	<b>5.7000e-003</b>	<b>0.6387</b>	<b>4.1600e-003</b>	<b>0.6428</b>	<b>0.1694</b>	<b>3.8300e-003</b>	<b>0.1732</b>		<b>567.6087</b>	<b>567.6087</b>	<b>0.0191</b>		<b>568.0864</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	24.8871	200.6793	194.6137	0.6955		7.5085	7.5085		6.9079	6.9079	0.0000	67,315.4649	67,315.4649	21.7712		67,859.7445
<b>Total</b>	<b>24.8871</b>	<b>200.6793</b>	<b>194.6137</b>	<b>0.6955</b>	<b>0.0000</b>	<b>7.5085</b>	<b>7.5085</b>	<b>0.0000</b>	<b>6.9079</b>	<b>6.9079</b>	<b>0.0000</b>	<b>67,315.4649</b>	<b>67,315.4649</b>	<b>21.7712</b>		<b>67,859.7445</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4755	0.2107	2.1419	5.7000e-003	0.6387	4.1600e-003	0.6428	0.1694	3.8300e-003	0.1732		567.6087	567.6087	0.0191		568.0864
<b>Total</b>	<b>0.4755</b>	<b>0.2107</b>	<b>2.1419</b>	<b>5.7000e-003</b>	<b>0.6387</b>	<b>4.1600e-003</b>	<b>0.6428</b>	<b>0.1694</b>	<b>3.8300e-003</b>	<b>0.1732</b>		<b>567.6087</b>	<b>567.6087</b>	<b>0.0191</b>		<b>568.0864</b>

**3.17 15 Existing Lattice Structure/TSP Removal - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	24.3793	186.3003	193.1973	0.6961		6.9748	6.9748		6.4168	6.4168		67,363.5776	67,363.5776	21.7868		67,908.2463
<b>Total</b>	<b>24.3793</b>	<b>186.3003</b>	<b>193.1973</b>	<b>0.6961</b>	<b>0.0000</b>	<b>6.9748</b>	<b>6.9748</b>	<b>0.0000</b>	<b>6.4168</b>	<b>6.4168</b>		<b>67,363.5776</b>	<b>67,363.5776</b>	<b>21.7868</b>		<b>67,908.2463</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4461	0.1889	1.9516	5.4800e-003	0.6387	4.0200e-003	0.6427	0.1694	3.7000e-003	0.1731		545.7950	545.7950	0.0169		546.2176
<b>Total</b>	<b>0.4461</b>	<b>0.1889</b>	<b>1.9516</b>	<b>5.4800e-003</b>	<b>0.6387</b>	<b>4.0200e-003</b>	<b>0.6427</b>	<b>0.1694</b>	<b>3.7000e-003</b>	<b>0.1731</b>		<b>545.7950</b>	<b>545.7950</b>	<b>0.0169</b>		<b>546.2176</b>

**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
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Category	lb/day										lb/day				
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000
Off-Road	24.3793	186.3003	193.1973	0.6961		6.9748	6.9748		6.4168	6.4168	0.0000	67,363.5776	67,363.5776	21.7868	67,908.2462
<b>Total</b>	<b>24.3793</b>	<b>186.3003</b>	<b>193.1973</b>	<b>0.6961</b>	<b>0.0000</b>	<b>6.9748</b>	<b>6.9748</b>	<b>0.0000</b>	<b>6.4168</b>	<b>6.4168</b>	<b>0.0000</b>	<b>67,363.5776</b>	<b>67,363.5776</b>	<b>21.7868</b>	<b>67,908.2462</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4461	0.1889	1.9516	5.4800e-003	0.6387	4.0200e-003	0.6427	0.1694	3.7000e-003	0.1731		545.7950	545.7950	0.0169		546.2176
<b>Total</b>	<b>0.4461</b>	<b>0.1889</b>	<b>1.9516</b>	<b>5.4800e-003</b>	<b>0.6387</b>	<b>4.0200e-003</b>	<b>0.6427</b>	<b>0.1694</b>	<b>3.7000e-003</b>	<b>0.1731</b>		<b>545.7950</b>	<b>545.7950</b>	<b>0.0169</b>		<b>546.2176</b>

**3.18 15A Existing Lattice Structure/TSP Removal - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	47.7835	373.4837	320.6319	1.1863		13.9295	13.9295		12.8151	12.8151		114,822.7306	114,822.7306	37.1360		115,751.1305

<b>Total</b>	<b>47.7835</b>	<b>373.4837</b>	<b>320.6319</b>	<b>1.1863</b>	<b>0.0000</b>	<b>13.9295</b>	<b>13.9295</b>	<b>0.0000</b>	<b>12.8151</b>	<b>12.8151</b>		<b>114,822.7306</b>	<b>114,822.7306</b>	<b>37.1360</b>		<b>115,751.1305</b>
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**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	47.7835	373.4837	320.6319	1.1863		13.9295	13.9295		12.8151	12.8151	0.0000	114,822.7305	114,822.7305	37.1360		115,751.1304
<b>Total</b>	<b>47.7835</b>	<b>373.4837</b>	<b>320.6319</b>	<b>1.1863</b>	<b>0.0000</b>	<b>13.9295</b>	<b>13.9295</b>	<b>0.0000</b>	<b>12.8151</b>	<b>12.8151</b>	<b>0.0000</b>	<b>114,822.7305</b>	<b>114,822.7305</b>	<b>37.1360</b>		<b>115,751.1304</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

### 3.18 15A Existing Lattice Structure/TSP Removal - 2023

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	45.5773	332.9746	314.6892	1.1871		12.4016	12.4016		11.4095	11.4095		114,896.5440	114,896.5440	37.1599		115,825.5407
<b>Total</b>	<b>45.5773</b>	<b>332.9746</b>	<b>314.6892</b>	<b>1.1871</b>	<b>0.0000</b>	<b>12.4016</b>	<b>12.4016</b>	<b>0.0000</b>	<b>11.4095</b>	<b>11.4095</b>		<b>114,896.5440</b>	<b>114,896.5440</b>	<b>37.1599</b>		<b>115,825.5407</b>

#### 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
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Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	45.5773	332.9746	314.6892	1.1871		12.4016	12.4016		11.4095	11.4095	0.0000	114,896.5439	114,896.5439	37.1599		115,825.5406
<b>Total</b>	<b>45.5773</b>	<b>332.9746</b>	<b>314.6892</b>	<b>1.1871</b>	<b>0.0000</b>	<b>12.4016</b>	<b>12.4016</b>	<b>0.0000</b>	<b>11.4095</b>	<b>11.4095</b>	<b>0.0000</b>	<b>114,896.5439</b>	<b>114,896.5439</b>	<b>37.1599</b>		<b>115,825.5406</b>

**Mitigated Construction Off-Site**

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

Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### 3.18 15A Existing Lattice Structure/TSP Removal - 2024

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	44.8205	309.9622	311.4726	1.1875		11.4925	11.4925		10.5731	10.5731		114,932.9010	114,932.9010	37.1716		115,862.1918
<b>Total</b>	<b>44.8205</b>	<b>309.9622</b>	<b>311.4726</b>	<b>1.1875</b>	<b>0.0000</b>	<b>11.4925</b>	<b>11.4925</b>	<b>0.0000</b>	<b>10.5731</b>	<b>10.5731</b>		<b>114,932.9010</b>	<b>114,932.9010</b>	<b>37.1716</b>		<b>115,862.1918</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	44.8205	309.9622	311.4726	1.1875		11.4925	11.4925		10.5731	10.5731	0.0000	114,932.9009	114,932.9009	37.1716		115,862.1917
<b>Total</b>	<b>44.8205</b>	<b>309.9622</b>	<b>311.4726</b>	<b>1.1875</b>	<b>0.0000</b>	<b>11.4925</b>	<b>11.4925</b>	<b>0.0000</b>	<b>10.5731</b>	<b>10.5731</b>	<b>0.0000</b>	<b>114,932.9009</b>	<b>114,932.9009</b>	<b>37.1716</b>		<b>115,862.1917</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**3.19 16 LWS Pole Haul - 2022**

**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
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Category	lb/day										lb/day				
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000
Off-Road	6.4409	48.9234	40.9397	0.1611		1.7790	1.7790		1.6367	1.6367		15,589.62 17	15,589.621 7	5.0420	15,715.67 17
<b>Total</b>	<b>6.4409</b>	<b>48.9234</b>	<b>40.9397</b>	<b>0.1611</b>	<b>0.0000</b>	<b>1.7790</b>	<b>1.7790</b>	<b>0.0000</b>	<b>1.6367</b>	<b>1.6367</b>		<b>15,589.62 17</b>	<b>15,589.621 7</b>	<b>5.0420</b>	<b>15,715.67 17</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0719	0.5934	0.4509	2.6700e-003	0.0978	2.9700e-003	0.1008	0.0293	2.8400e-003	0.0322		275.7475	275.7475	5.3400e-003		275.8809
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1735</b>	<b>0.6407</b>	<b>0.9286</b>	<b>3.8500e-003</b>	<b>0.2255</b>	<b>3.8300e-003</b>	<b>0.2294</b>	<b>0.0632</b>	<b>3.6300e-003</b>	<b>0.0668</b>		<b>393.6558</b>	<b>393.6558</b>	<b>9.6800e-003</b>		<b>393.8976</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	6.4409	48.9234	40.9397	0.1611		1.7790	1.7790		1.6367	1.6367	0.0000	15,589.62 17	15,589.621 7	5.0420		15,715.67 17

<b>Total</b>	<b>6.4409</b>	<b>48.9234</b>	<b>40.9397</b>	<b>0.1611</b>	<b>0.0000</b>	<b>1.7790</b>	<b>1.7790</b>	<b>0.0000</b>	<b>1.6367</b>	<b>1.6367</b>	<b>0.0000</b>	<b>15,589.62</b>	<b>15,589.621</b>	<b>5.0420</b>		<b>15,715.67</b>
												<b>17</b>	<b>7</b>			<b>17</b>

**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
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0719	0.5934	0.4509	2.6700e-003	0.0978	2.9700e-003	0.1008	0.0293	2.8400e-003	0.0322		275.7475	275.7475	5.3400e-003		275.8809
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1735</b>	<b>0.6407</b>	<b>0.9286</b>	<b>3.8500e-003</b>	<b>0.2255</b>	<b>3.8300e-003</b>	<b>0.2294</b>	<b>0.0632</b>	<b>3.6300e-003</b>	<b>0.0668</b>		<b>393.6558</b>	<b>393.6558</b>	<b>9.6800e-003</b>		<b>393.8976</b>

**3.19 16 LWS Pole Haul - 2023**

**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
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	6.1417	43.4893	40.0836	0.1612		1.5725	1.5725		1.4467	1.4467		15,600.6310	15,600.6310	5.0456		15,726.7700
<b>Total</b>	<b>6.1417</b>	<b>43.4893</b>	<b>40.0836</b>	<b>0.1612</b>	<b>0.0000</b>	<b>1.5725</b>	<b>1.5725</b>	<b>0.0000</b>	<b>1.4467</b>	<b>1.4467</b>		<b>15,600.6310</b>	<b>15,600.6310</b>	<b>5.0456</b>		<b>15,726.7700</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0614	0.4968	0.3871	2.6400e-003	0.0978	1.2200e-003	0.0990	0.0293	1.1700e-003	0.0305		273.4195	273.4195	4.4200e-003		273.5301
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1566</b>	<b>0.5389</b>	<b>0.8155</b>	<b>3.7800e-003</b>	<b>0.2255</b>	<b>2.0500e-003</b>	<b>0.2276</b>	<b>0.0632</b>	<b>1.9400e-003</b>	<b>0.0651</b>		<b>386.9412</b>	<b>386.9412</b>	<b>8.2400e-003</b>		<b>387.1474</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	6.1417	43.4893	40.0836	0.1612		1.5725	1.5725		1.4467	1.4467	0.0000	15,600.6310	15,600.6310	5.0456		15,726.7700
<b>Total</b>	<b>6.1417</b>	<b>43.4893</b>	<b>40.0836</b>	<b>0.1612</b>	<b>0.0000</b>	<b>1.5725</b>	<b>1.5725</b>	<b>0.0000</b>	<b>1.4467</b>	<b>1.4467</b>	<b>0.0000</b>	<b>15,600.6310</b>	<b>15,600.6310</b>	<b>5.0456</b>		<b>15,726.7700</b>

**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
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0614	0.4968	0.3871	2.6400e-003	0.0978	1.2200e-003	0.0990	0.0293	1.1700e-003	0.0305	273.4195	273.4195	4.4200e-003	273.5301	
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346	113.5217	113.5217	3.8200e-003	113.6173	
<b>Total</b>	<b>0.1566</b>	<b>0.5389</b>	<b>0.8155</b>	<b>3.7800e-003</b>	<b>0.2255</b>	<b>2.0500e-003</b>	<b>0.2276</b>	<b>0.0632</b>	<b>1.9400e-003</b>	<b>0.0651</b>	<b>386.9412</b>	<b>386.9412</b>	<b>8.2400e-003</b>	<b>387.1474</b>	

### 3.20 17 LWS Pole Assembly - 2022

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	8.2532	62.2431	54.0395	0.1998		2.3572	2.3572		2.1888	2.1888		19,319.0156	19,319.0156	6.0245		19,469.6272
<b>Total</b>	<b>8.2532</b>	<b>62.2431</b>	<b>54.0395</b>	<b>0.1998</b>	<b>0.0000</b>	<b>2.3572</b>	<b>2.3572</b>	<b>0.0000</b>	<b>2.1888</b>	<b>2.1888</b>		<b>19,319.0156</b>	<b>19,319.0156</b>	<b>6.0245</b>		<b>19,469.6272</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0863	0.7121	0.5411	3.2000e-003	0.1174	3.5700e-003	0.1209	0.0352	3.4100e-003	0.0386	330.8970	330.8970	6.4000e-003	331.0571		

Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1878</b>	<b>0.7594</b>	<b>1.0188</b>	<b>4.3800e-003</b>	<b>0.2451</b>	<b>4.4300e-003</b>	<b>0.2495</b>	<b>0.0691</b>	<b>4.2000e-003</b>	<b>0.0733</b>		<b>448.8053</b>	<b>448.8053</b>	<b>0.0107</b>		<b>449.0738</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	8.2532	62.2431	54.0395	0.1998		2.3572	2.3572		2.1888	2.1888	0.0000	19,319.0156	19,319.0156	6.0245		19,469.6272
<b>Total</b>	<b>8.2532</b>	<b>62.2431</b>	<b>54.0395</b>	<b>0.1998</b>	<b>0.0000</b>	<b>2.3572</b>	<b>2.3572</b>	<b>0.0000</b>	<b>2.1888</b>	<b>2.1888</b>	<b>0.0000</b>	<b>19,319.0156</b>	<b>19,319.0156</b>	<b>6.0245</b>		<b>19,469.6272</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0863	0.7121	0.5411	3.2000e-003	0.1174	3.5700e-003	0.1209	0.0352	3.4100e-003	0.0386		330.8970	330.8970	6.4000e-003		331.0571
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1878</b>	<b>0.7594</b>	<b>1.0188</b>	<b>4.3800e-003</b>	<b>0.2451</b>	<b>4.4300e-003</b>	<b>0.2495</b>	<b>0.0691</b>	<b>4.2000e-003</b>	<b>0.0733</b>		<b>448.8053</b>	<b>448.8053</b>	<b>0.0107</b>		<b>449.0738</b>

**3.20 17 LWS Pole Assembly - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	7.8595	55.4863	53.0186	0.1999		2.0793	2.0793		1.9304	1.9304		19,332.0470	19,332.0470	6.0241		19,482.6496
<b>Total</b>	<b>7.8595</b>	<b>55.4863</b>	<b>53.0186</b>	<b>0.1999</b>	<b>0.0000</b>	<b>2.0793</b>	<b>2.0793</b>	<b>0.0000</b>	<b>1.9304</b>	<b>1.9304</b>		<b>19,332.0470</b>	<b>19,332.0470</b>	<b>6.0241</b>		<b>19,482.6496</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0737	0.5961	0.4645	3.1700e-003	0.1174	1.4700e-003	0.1188	0.0352	1.4000e-003	0.0366		328.1034	328.1034	5.3100e-003		328.2361
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1688</b>	<b>0.6383</b>	<b>0.8929</b>	<b>4.3100e-003</b>	<b>0.2451</b>	<b>2.3000e-003</b>	<b>0.2474</b>	<b>0.0691</b>	<b>2.1700e-003</b>	<b>0.0712</b>		<b>441.6251</b>	<b>441.6251</b>	<b>9.1300e-003</b>		<b>441.8534</b>

**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
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Category	lb/day										lb/day				
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000
Off-Road	7.8595	55.4863	53.0186	0.1999		2.0793	2.0793		1.9304	1.9304	0.0000	19,332.0470	19,332.0470	6.0241	19,482.6496
<b>Total</b>	<b>7.8595</b>	<b>55.4863</b>	<b>53.0186</b>	<b>0.1999</b>	<b>0.0000</b>	<b>2.0793</b>	<b>2.0793</b>	<b>0.0000</b>	<b>1.9304</b>	<b>1.9304</b>	<b>0.0000</b>	<b>19,332.0470</b>	<b>19,332.0470</b>	<b>6.0241</b>	<b>19,482.6496</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0737	0.5961	0.4645	3.1700e-003	0.1174	1.4700e-003	0.1188	0.0352	1.4000e-003	0.0366		328.1034	328.1034	5.3100e-003		328.2361
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1688</b>	<b>0.6383</b>	<b>0.8929</b>	<b>4.3100e-003</b>	<b>0.2451</b>	<b>2.3000e-003</b>	<b>0.2474</b>	<b>0.0691</b>	<b>2.1700e-003</b>	<b>0.0712</b>		<b>441.6251</b>	<b>441.6251</b>	<b>9.1300e-003</b>		<b>441.8534</b>

**3.21 18 Install LWS Pole - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	10.3344	87.3099	78.8767	0.2620		3.3175	3.3175		3.0521	3.0521		25,360.0934	25,360.0934	8.2020		25,565.1426

<b>Total</b>	<b>10.3344</b>	<b>87.3099</b>	<b>78.8767</b>	<b>0.2620</b>	<b>0.0000</b>	<b>3.3175</b>	<b>3.3175</b>	<b>0.0000</b>	<b>3.0521</b>	<b>3.0521</b>		<b>25,360.09</b>	<b>25,360.093</b>	<b>8.2020</b>		<b>25,565.14</b>
												<b>34</b>	<b>4</b>			<b>26</b>

**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
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1016</b>	<b>0.0473</b>	<b>0.4777</b>	<b>1.1800e-003</b>	<b>0.1277</b>	<b>8.6000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.9000e-004</b>	<b>0.0347</b>		<b>117.9083</b>	<b>117.9083</b>	<b>4.3400e-003</b>		<b>118.0167</b>

**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
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	10.3344	87.3099	78.8767	0.2620		3.3175	3.3175		3.0521	3.0521	0.0000	25,360.09	25,360.093	8.2020		25,565.14
												<b>34</b>	<b>4</b>			<b>26</b>
<b>Total</b>	<b>10.3344</b>	<b>87.3099</b>	<b>78.8767</b>	<b>0.2620</b>	<b>0.0000</b>	<b>3.3175</b>	<b>3.3175</b>	<b>0.0000</b>	<b>3.0521</b>	<b>3.0521</b>	<b>0.0000</b>	<b>25,360.09</b>	<b>25,360.093</b>	<b>8.2020</b>		<b>25,565.14</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1016	0.0473	0.4777	1.1800e-003	0.1277	8.6000e-004	0.1286	0.0339	7.9000e-004	0.0347		117.9083	117.9083	4.3400e-003		118.0167
<b>Total</b>	<b>0.1016</b>	<b>0.0473</b>	<b>0.4777</b>	<b>1.1800e-003</b>	<b>0.1277</b>	<b>8.6000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.9000e-004</b>	<b>0.0347</b>		<b>117.9083</b>	<b>117.9083</b>	<b>4.3400e-003</b>		<b>118.0167</b>

**3.21 18 Install LWS Pole - 2023**  
**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	9.7551	77.1683	76.6379	0.2623		2.9162	2.9162		2.6829	2.6829		25,383.9891	25,383.9891	8.2097		25,589.2315
<b>Total</b>	<b>9.7551</b>	<b>77.1683</b>	<b>76.6379</b>	<b>0.2623</b>	<b>0.0000</b>	<b>2.9162</b>	<b>2.9162</b>	<b>0.0000</b>	<b>2.6829</b>	<b>2.6829</b>		<b>25,383.9891</b>	<b>25,383.9891</b>	<b>8.2097</b>		<b>25,589.2315</b>

**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
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Category	lb/day										lb/day				
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346	113.5217	113.5217	3.8200e-003	113.6173	
<b>Total</b>	<b>0.0951</b>	<b>0.0422</b>	<b>0.4284</b>	<b>1.1400e-003</b>	<b>0.1277</b>	<b>8.3000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.7000e-004</b>	<b>0.0346</b>	<b>113.5217</b>	<b>113.5217</b>	<b>3.8200e-003</b>	<b>113.6173</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	9.7551	77.1683	76.6379	0.2623		2.9162	2.9162		2.6829	2.6829	0.0000	25,383.9890	25,383.9890	8.2097		25,589.2314
<b>Total</b>	<b>9.7551</b>	<b>77.1683</b>	<b>76.6379</b>	<b>0.2623</b>	<b>0.0000</b>	<b>2.9162</b>	<b>2.9162</b>	<b>0.0000</b>	<b>2.6829</b>	<b>2.6829</b>	<b>0.0000</b>	<b>25,383.9890</b>	<b>25,383.9890</b>	<b>8.2097</b>		<b>25,589.2314</b>

**Mitigated Construction Off-Site**

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

Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.0951</b>	<b>0.0422</b>	<b>0.4284</b>	<b>1.1400e-003</b>	<b>0.1277</b>	<b>8.3000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.7000e-004</b>	<b>0.0346</b>		<b>113.5217</b>	<b>113.5217</b>	<b>3.8200e-003</b>		<b>113.6173</b>

### 3.22 19 LWS H-Frame Haul - 2023

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2847	10.5960	9.2222	0.0314		0.4024	0.4024		0.3702	0.3702		3,034.3428	3,034.3428	0.9814		3,058.8770
<b>Total</b>	<b>1.2847</b>	<b>10.5960</b>	<b>9.2222</b>	<b>0.0314</b>	<b>0.0000</b>	<b>0.4024</b>	<b>0.4024</b>	<b>0.0000</b>	<b>0.3702</b>	<b>0.3702</b>		<b>3,034.3428</b>	<b>3,034.3428</b>	<b>0.9814</b>		<b>3,058.8770</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0614	0.4968	0.3871	2.6400e-003	0.0978	1.2200e-003	0.0990	0.0293	1.1700e-003	0.0305		273.4195	273.4195	4.4200e-003		273.5301
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1566</b>	<b>0.5389</b>	<b>0.8155</b>	<b>3.7800e-003</b>	<b>0.2255</b>	<b>2.0500e-003</b>	<b>0.2276</b>	<b>0.0632</b>	<b>1.9400e-003</b>	<b>0.0651</b>		<b>386.9412</b>	<b>386.9412</b>	<b>8.2400e-003</b>		<b>387.1474</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2847	10.5960	9.2222	0.0314		0.4024	0.4024		0.3702	0.3702	0.0000	3,034.3428	3,034.3428	0.9814		3,058.8770
<b>Total</b>	<b>1.2847</b>	<b>10.5960</b>	<b>9.2222</b>	<b>0.0314</b>	<b>0.0000</b>	<b>0.4024</b>	<b>0.4024</b>	<b>0.0000</b>	<b>0.3702</b>	<b>0.3702</b>	<b>0.0000</b>	<b>3,034.3428</b>	<b>3,034.3428</b>	<b>0.9814</b>		<b>3,058.8770</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0614	0.4968	0.3871	2.6400e-003	0.0978	1.2200e-003	0.0990	0.0293	1.1700e-003	0.0305		273.4195	273.4195	4.4200e-003		273.5301
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1566</b>	<b>0.5389</b>	<b>0.8155</b>	<b>3.7800e-003</b>	<b>0.2255</b>	<b>2.0500e-003</b>	<b>0.2276</b>	<b>0.0632</b>	<b>1.9400e-003</b>	<b>0.0651</b>		<b>386.9412</b>	<b>386.9412</b>	<b>8.2400e-003</b>		<b>387.1474</b>

**3.23 20 LWS H-Frame Assembly - 2023**

**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
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Category	lb/day										lb/day				
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000
Off-Road	2.0588	16.0360	14.7055	0.0501		0.6174	0.6174		0.5723	0.5723	4,842.7424	4,842.7424	1.5092		4,880.4717
<b>Total</b>	<b>2.0588</b>	<b>16.0360</b>	<b>14.7055</b>	<b>0.0501</b>	<b>0.0000</b>	<b>0.6174</b>	<b>0.6174</b>	<b>0.0000</b>	<b>0.5723</b>	<b>0.5723</b>	<b>4,842.7424</b>	<b>4,842.7424</b>	<b>1.5092</b>		<b>4,880.4717</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0737	0.5961	0.4645	3.1700e-003	0.1174	1.4700e-003	0.1188	0.0352	1.4000e-003	0.0366		328.1034	328.1034	5.3100e-003		328.2361
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1688</b>	<b>0.6383</b>	<b>0.8929</b>	<b>4.3100e-003</b>	<b>0.2451</b>	<b>2.3000e-003</b>	<b>0.2474</b>	<b>0.0691</b>	<b>2.1700e-003</b>	<b>0.0712</b>		<b>441.6251</b>	<b>441.6251</b>	<b>9.1300e-003</b>		<b>441.8534</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.0588	16.0360	14.7055	0.0501		0.6174	0.6174		0.5723	0.5723	0.0000	4,842.7424	4,842.7424	1.5092		4,880.4717

<b>Total</b>	<b>2.0588</b>	<b>16.0360</b>	<b>14.7055</b>	<b>0.0501</b>	<b>0.0000</b>	<b>0.6174</b>	<b>0.6174</b>	<b>0.0000</b>	<b>0.5723</b>	<b>0.5723</b>	<b>0.0000</b>	<b>4,842.7424</b>	<b>4,842.7424</b>	<b>1.5092</b>		<b>4,880.4717</b>
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**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
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0737	0.5961	0.4645	3.1700e-003	0.1174	1.4700e-003	0.1188	0.0352	1.4000e-003	0.0366		328.1034	328.1034	5.3100e-003		328.2361
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1688</b>	<b>0.6383</b>	<b>0.8929</b>	<b>4.3100e-003</b>	<b>0.2451</b>	<b>2.3000e-003</b>	<b>0.2474</b>	<b>0.0691</b>	<b>2.1700e-003</b>	<b>0.0712</b>		<b>441.6251</b>	<b>441.6251</b>	<b>9.1300e-003</b>		<b>441.8534</b>

**3.24 21 Install LWS H-Frame - 2023**

**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
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.4388	19.2921	19.1595	0.0656		0.7291	0.7291		0.6707	0.6707		6,345.9973	6,345.9973	2.0524		6,397.3079
<b>Total</b>	<b>2.4388</b>	<b>19.2921</b>	<b>19.1595</b>	<b>0.0656</b>	<b>0.0000</b>	<b>0.7291</b>	<b>0.7291</b>	<b>0.0000</b>	<b>0.6707</b>	<b>0.6707</b>		<b>6,345.9973</b>	<b>6,345.9973</b>	<b>2.0524</b>		<b>6,397.3079</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.0951</b>	<b>0.0422</b>	<b>0.4284</b>	<b>1.1400e-003</b>	<b>0.1277</b>	<b>8.3000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.7000e-004</b>	<b>0.0346</b>		<b>113.5217</b>	<b>113.5217</b>	<b>3.8200e-003</b>		<b>113.6173</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.4388	19.2921	19.1595	0.0656		0.7291	0.7291		0.6707	0.6707	0.0000	6,345.9973	6,345.9973	2.0524		6,397.3079
<b>Total</b>	<b>2.4388</b>	<b>19.2921</b>	<b>19.1595</b>	<b>0.0656</b>	<b>0.0000</b>	<b>0.7291</b>	<b>0.7291</b>	<b>0.0000</b>	<b>0.6707</b>	<b>0.6707</b>	<b>0.0000</b>	<b>6,345.9973</b>	<b>6,345.9973</b>	<b>2.0524</b>		<b>6,397.3079</b>

**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
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346	113.5217	113.5217	3.8200e-003	113.6173	
<b>Total</b>	<b>0.0951</b>	<b>0.0422</b>	<b>0.4284</b>	<b>1.1400e-003</b>	<b>0.1277</b>	<b>8.3000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.7000e-004</b>	<b>0.0346</b>	<b>113.5217</b>	<b>113.5217</b>	<b>3.8200e-003</b>	<b>113.6173</b>	

### 3.25 22 Install Conductor OPGW - 2023

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	20.6976	149.0301	134.7285	0.5411		5.4432	5.4432		5.0078	5.0078		52,367.4513	52,367.4513	16.9367		52,790.8686
<b>Total</b>	<b>20.6976</b>	<b>149.0301</b>	<b>134.7285</b>	<b>0.5411</b>	<b>0.0000</b>	<b>5.4432</b>	<b>5.4432</b>	<b>0.0000</b>	<b>5.0078</b>	<b>5.0078</b>		<b>52,367.4513</b>	<b>52,367.4513</b>	<b>16.9367</b>		<b>52,790.8686</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2949	2.3845	1.8579	0.0127	0.4694	5.8600e-003	0.4753	0.1408	5.5900e-003	0.1464		1,312.4135	1,312.4135	0.0212		1,312.9445

Worker	1.5217	0.6743	6.8540	0.0182	2.0437	0.0133	2.0570	0.5420	0.0123	0.5542		1,816.3479	1,816.3479	0.0612		1,817.8765
<b>Total</b>	<b>1.8166</b>	<b>3.0589</b>	<b>8.7120</b>	<b>0.0309</b>	<b>2.5131</b>	<b>0.0192</b>	<b>2.5323</b>	<b>0.6828</b>	<b>0.0178</b>	<b>0.7006</b>		<b>3,128.7614</b>	<b>3,128.7614</b>	<b>0.0824</b>		<b>3,130.8209</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	20.6976	149.0301	134.7285	0.5411		5.4432	5.4432		5.0078	5.0078	0.0000	52,367.4512	52,367.4512	16.9367		52,790.8686
<b>Total</b>	<b>20.6976</b>	<b>149.0301</b>	<b>134.7285</b>	<b>0.5411</b>	<b>0.0000</b>	<b>5.4432</b>	<b>5.4432</b>	<b>0.0000</b>	<b>5.0078</b>	<b>5.0078</b>	<b>0.0000</b>	<b>52,367.4512</b>	<b>52,367.4512</b>	<b>16.9367</b>		<b>52,790.8686</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2949	2.3845	1.8579	0.0127	0.4694	5.8600e-003	0.4753	0.1408	5.5900e-003	0.1464		1,312.4135	1,312.4135	0.0212		1,312.9445
Worker	1.5217	0.6743	6.8540	0.0182	2.0437	0.0133	2.0570	0.5420	0.0123	0.5542		1,816.3479	1,816.3479	0.0612		1,817.8765
<b>Total</b>	<b>1.8166</b>	<b>3.0589</b>	<b>8.7120</b>	<b>0.0309</b>	<b>2.5131</b>	<b>0.0192</b>	<b>2.5323</b>	<b>0.6828</b>	<b>0.0178</b>	<b>0.7006</b>		<b>3,128.7614</b>	<b>3,128.7614</b>	<b>0.0824</b>		<b>3,130.8209</b>

**3.26 22A Install Conductor OPGW - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7164	0.0000	0.7164	0.0774	0.0000	0.0774			0.0000			0.0000
Off-Road	4.3869	31.0638	28.6312	0.1151		1.1232	1.1232		1.0334	1.0334		11,143.3078	11,143.3078	3.6040		11,233.4071
<b>Total</b>	<b>4.3869</b>	<b>31.0638</b>	<b>28.6312</b>	<b>0.1151</b>	<b>0.7164</b>	<b>1.1232</b>	<b>1.8396</b>	<b>0.0774</b>	<b>1.0334</b>	<b>1.1107</b>		<b>11,143.3078</b>	<b>11,143.3078</b>	<b>3.6040</b>		<b>11,233.4071</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**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
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Category	lb/day										lb/day				
Fugitive Dust					0.2794	0.0000	0.2794	0.0302	0.0000	0.0302			0.0000		0.0000
Off-Road	4.3869	31.0638	28.6312	0.1151		1.1232	1.1232		1.0334	1.0334	0.0000	11,143.3078	11,143.3078	3.6040	11,233.4071
<b>Total</b>	<b>4.3869</b>	<b>31.0638</b>	<b>28.6312</b>	<b>0.1151</b>	<b>0.2794</b>	<b>1.1232</b>	<b>1.4026</b>	<b>0.0302</b>	<b>1.0334</b>	<b>1.0636</b>	<b>0.0000</b>	<b>11,143.3078</b>	<b>11,143.3078</b>	<b>3.6040</b>	<b>11,233.4071</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**3.27 22B Install Conductor OPGW - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	4.3426	43.6291	33.6070	0.1185		1.6563	1.6563		1.5238	1.5238		11,463.8988	11,463.8988	3.7077		11,556.5903

<b>Total</b>	<b>4.3426</b>	<b>43.6291</b>	<b>33.6070</b>	<b>0.1185</b>	<b>0.0000</b>	<b>1.6563</b>	<b>1.6563</b>	<b>0.0000</b>	<b>1.5238</b>	<b>1.5238</b>		<b>11,463.89</b>	<b>11,463.89</b>	<b>3.7077</b>		<b>11,556.59</b>
												<b>88</b>	<b>8</b>			<b>03</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	4.3426	43.6291	33.6070	0.1185		1.6563	1.6563		1.5238	1.5238	0.0000	11,463.89	11,463.89	3.7077		11,556.59
												<b>88</b>	<b>8</b>			<b>03</b>
<b>Total</b>	<b>4.3426</b>	<b>43.6291</b>	<b>33.6070</b>	<b>0.1185</b>	<b>0.0000</b>	<b>1.6563</b>	<b>1.6563</b>	<b>0.0000</b>	<b>1.5238</b>	<b>1.5238</b>	<b>0.0000</b>	<b>11,463.89</b>	<b>11,463.89</b>	<b>3.7077</b>		<b>11,556.59</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

### 3.28 22C Install Conductor OPGW - 2023

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	4.1977	35.6684	29.8265	0.1122		1.3261	1.3261		1.2200	1.2200		10,862.6842	10,862.6842	3.5132		10,950.5145
<b>Total</b>	<b>4.1977</b>	<b>35.6684</b>	<b>29.8265</b>	<b>0.1122</b>	<b>0.0000</b>	<b>1.3261</b>	<b>1.3261</b>	<b>0.0000</b>	<b>1.2200</b>	<b>1.2200</b>		<b>10,862.6842</b>	<b>10,862.6842</b>	<b>3.5132</b>		<b>10,950.5145</b>

#### 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
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Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	4.1977	35.6684	29.8265	0.1122		1.3261	1.3261		1.2200	1.2200	0.0000	10,862.6842	10,862.6842	3.5132		10,950.5145
<b>Total</b>	<b>4.1977</b>	<b>35.6684</b>	<b>29.8265</b>	<b>0.1122</b>	<b>0.0000</b>	<b>1.3261</b>	<b>1.3261</b>	<b>0.0000</b>	<b>1.2200</b>	<b>1.2200</b>	<b>0.0000</b>	<b>10,862.6842</b>	<b>10,862.6842</b>	<b>3.5132</b>		<b>10,950.5145</b>

**Mitigated Construction Off-Site**

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

Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### 3.29 22D Install Conductor OPGW - 2023

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6010	4.9626	10.0421	0.0158		0.2497	0.2497		0.2297	0.2297		1,529.6886	1,529.6886	0.4947		1,542.0569
<b>Total</b>	<b>0.6010</b>	<b>4.9626</b>	<b>10.0421</b>	<b>0.0158</b>	<b>0.0000</b>	<b>0.2497</b>	<b>0.2497</b>	<b>0.0000</b>	<b>0.2297</b>	<b>0.2297</b>		<b>1,529.6886</b>	<b>1,529.6886</b>	<b>0.4947</b>		<b>1,542.0569</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6010	4.9626	10.0421	0.0158		0.2497	0.2497		0.2297	0.2297	0.0000	1,529.6886	1,529.6886	0.4947		1,542.0569
<b>Total</b>	<b>0.6010</b>	<b>4.9626</b>	<b>10.0421</b>	<b>0.0158</b>	<b>0.0000</b>	<b>0.2497</b>	<b>0.2497</b>	<b>0.0000</b>	<b>0.2297</b>	<b>0.2297</b>	<b>0.0000</b>	<b>1,529.6886</b>	<b>1,529.6886</b>	<b>0.4947</b>		<b>1,542.0569</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**3.30 23 Install/Remove Guard Structures - 2023**

**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
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Category	lb/day										lb/day			
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000
Off-Road	1.5197	12.2601	10.7560	0.0375		0.4626	0.4626		0.4256	0.4256	3,631.3057	3,631.3057	1.1744	3,660.6666
<b>Total</b>	<b>1.5197</b>	<b>12.2601</b>	<b>10.7560</b>	<b>0.0375</b>	<b>0.0000</b>	<b>0.4626</b>	<b>0.4626</b>	<b>0.0000</b>	<b>0.4256</b>	<b>0.4256</b>	<b>3,631.3057</b>	<b>3,631.3057</b>	<b>1.1744</b>	<b>3,660.6666</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0983	0.7948	0.6193	4.2300e-003	0.1565	1.9500e-003	0.1584	0.0469	1.8600e-003	0.0488		437.4712	437.4712	7.0800e-003		437.6482
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1934</b>	<b>0.8370</b>	<b>1.0477</b>	<b>5.3700e-003</b>	<b>0.2842</b>	<b>2.7800e-003</b>	<b>0.2870</b>	<b>0.0808</b>	<b>2.6300e-003</b>	<b>0.0834</b>		<b>550.9929</b>	<b>550.9929</b>	<b>0.0109</b>		<b>551.2654</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.5197	12.2601	10.7560	0.0375		0.4626	0.4626		0.4256	0.4256	0.0000	3,631.3057	3,631.3057	1.1744		3,660.6666

<b>Total</b>	<b>1.5197</b>	<b>12.2601</b>	<b>10.7560</b>	<b>0.0375</b>	<b>0.0000</b>	<b>0.4626</b>	<b>0.4626</b>	<b>0.0000</b>	<b>0.4256</b>	<b>0.4256</b>	<b>0.0000</b>	<b>3,631.3057</b>	<b>3,631.3057</b>	<b>1.1744</b>		<b>3,660.6666</b>
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**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0983	0.7948	0.6193	4.2300e-003	0.1565	1.9500e-003	0.1584	0.0469	1.8600e-003	0.0488		437.4712	437.4712	7.0800e-003		437.6482
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1934</b>	<b>0.8370</b>	<b>1.0477</b>	<b>5.3700e-003</b>	<b>0.2842</b>	<b>2.7800e-003</b>	<b>0.2870</b>	<b>0.0808</b>	<b>2.6300e-003</b>	<b>0.0834</b>		<b>550.9929</b>	<b>550.9929</b>	<b>0.0109</b>		<b>551.2654</b>

**3.31 24 33 kV line realignment - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.0588	16.0360	14.7055	0.0501		0.6174	0.6174		0.5723	0.5723		4,842.7424	4,842.7424	1.5092		4,880.4717
<b>Total</b>	<b>2.0588</b>	<b>16.0360</b>	<b>14.7055</b>	<b>0.0501</b>	<b>0.0000</b>	<b>0.6174</b>	<b>0.6174</b>	<b>0.0000</b>	<b>0.5723</b>	<b>0.5723</b>		<b>4,842.7424</b>	<b>4,842.7424</b>	<b>1.5092</b>		<b>4,880.4717</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.0951</b>	<b>0.0422</b>	<b>0.4284</b>	<b>1.1400e-003</b>	<b>0.1277</b>	<b>8.3000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.7000e-004</b>	<b>0.0346</b>		<b>113.5217</b>	<b>113.5217</b>	<b>3.8200e-003</b>		<b>113.6173</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.0588	16.0360	14.7055	0.0501		0.6174	0.6174		0.5723	0.5723	0.0000	4,842.7424	4,842.7424	1.5092		4,880.4717
<b>Total</b>	<b>2.0588</b>	<b>16.0360</b>	<b>14.7055</b>	<b>0.0501</b>	<b>0.0000</b>	<b>0.6174</b>	<b>0.6174</b>	<b>0.0000</b>	<b>0.5723</b>	<b>0.5723</b>	<b>0.0000</b>	<b>4,842.7424</b>	<b>4,842.7424</b>	<b>1.5092</b>		<b>4,880.4717</b>

**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
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346	113.5217	113.5217	3.8200e-003	113.6173	
<b>Total</b>	<b>0.0951</b>	<b>0.0422</b>	<b>0.4284</b>	<b>1.1400e-003</b>	<b>0.1277</b>	<b>8.3000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.7000e-004</b>	<b>0.0346</b>	<b>113.5217</b>	<b>113.5217</b>	<b>3.8200e-003</b>	<b>113.6173</b>	

**3.32 25 Telecommunications Underground Infrastructure**  
**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.7648	19.6823	19.4791	0.0715		0.7370	0.7370		0.6810	0.6810		6,918.1460	6,918.1460	2.1994		6,973.1316
<b>Total</b>	<b>2.7648</b>	<b>19.6823</b>	<b>19.4791</b>	<b>0.0715</b>	<b>0.0000</b>	<b>0.7370</b>	<b>0.7370</b>	<b>0.0000</b>	<b>0.6810</b>	<b>0.6810</b>		<b>6,918.1460</b>	<b>6,918.1460</b>	<b>2.1994</b>		<b>6,973.1316</b>

**Unmitigated Construction Off-Site**

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

Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.0951</b>	<b>0.0422</b>	<b>0.4284</b>	<b>1.1400e-003</b>	<b>0.1277</b>	<b>8.3000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.7000e-004</b>	<b>0.0346</b>		<b>113.5217</b>	<b>113.5217</b>	<b>3.8200e-003</b>		<b>113.6173</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.7648	19.6823	19.4791	0.0715		0.7370	0.7370		0.6810	0.6810	0.0000	6,918.1460	6,918.1460	2.1994		6,973.1316
<b>Total</b>	<b>2.7648</b>	<b>19.6823</b>	<b>19.4791</b>	<b>0.0715</b>	<b>0.0000</b>	<b>0.7370</b>	<b>0.7370</b>	<b>0.0000</b>	<b>0.6810</b>	<b>0.6810</b>	<b>0.0000</b>	<b>6,918.1460</b>	<b>6,918.1460</b>	<b>2.1994</b>		<b>6,973.1316</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.0951</b>	<b>0.0422</b>	<b>0.4284</b>	<b>1.1400e-003</b>	<b>0.1277</b>	<b>8.3000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.7000e-004</b>	<b>0.0346</b>		<b>113.5217</b>	<b>113.5217</b>	<b>3.8200e-003</b>		<b>113.6173</b>

**3.33 26 Telecommunications Pole Haul - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.6008	18.4164	16.9742	0.0683		0.6659	0.6659		0.6126	0.6126		6,606.3897	6,606.3897	2.1366		6,659.8057
<b>Total</b>	<b>2.6008</b>	<b>18.4164</b>	<b>16.9742</b>	<b>0.0683</b>	<b>0.0000</b>	<b>0.6659</b>	<b>0.6659</b>	<b>0.0000</b>	<b>0.6126</b>	<b>0.6126</b>		<b>6,606.3897</b>	<b>6,606.3897</b>	<b>2.1366</b>		<b>6,659.8057</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0983	0.7948	0.6193	4.2300e-003	0.1565	1.9500e-003	0.1584	0.0469	1.8600e-003	0.0488		437.4712	437.4712	7.0800e-003		437.6482
Worker	0.1141	0.0506	0.5141	1.3700e-003	0.1533	1.0000e-003	0.1543	0.0407	9.2000e-004	0.0416		136.2261	136.2261	4.5900e-003		136.3407
<b>Total</b>	<b>0.2124</b>	<b>0.8454</b>	<b>1.1334</b>	<b>5.6000e-003</b>	<b>0.3098</b>	<b>2.9500e-003</b>	<b>0.3127</b>	<b>0.0876</b>	<b>2.7800e-003</b>	<b>0.0904</b>		<b>573.6973</b>	<b>573.6973</b>	<b>0.0117</b>		<b>573.9889</b>

**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
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Category	lb/day										lb/day				
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000
Off-Road	2.6008	18.4164	16.9742	0.0683		0.6659	0.6659		0.6126	0.6126	0.0000	6,606.3896	6,606.3896	2.1366	6,659.8057
<b>Total</b>	<b>2.6008</b>	<b>18.4164</b>	<b>16.9742</b>	<b>0.0683</b>	<b>0.0000</b>	<b>0.6659</b>	<b>0.6659</b>	<b>0.0000</b>	<b>0.6126</b>	<b>0.6126</b>	<b>0.0000</b>	<b>6,606.3896</b>	<b>6,606.3896</b>	<b>2.1366</b>	<b>6,659.8057</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0983	0.7948	0.6193	4.2300e-003	0.1565	1.9500e-003	0.1584	0.0469	1.8600e-003	0.0488		437.4712	437.4712	7.0800e-003		437.6482
Worker	0.1141	0.0506	0.5141	1.3700e-003	0.1533	1.0000e-003	0.1543	0.0407	9.2000e-004	0.0416		136.2261	136.2261	4.5900e-003		136.3407
<b>Total</b>	<b>0.2124</b>	<b>0.8454</b>	<b>1.1334</b>	<b>5.6000e-003</b>	<b>0.3098</b>	<b>2.9500e-003</b>	<b>0.3127</b>	<b>0.0876</b>	<b>2.7800e-003</b>	<b>0.0904</b>		<b>573.6973</b>	<b>573.6973</b>	<b>0.0117</b>		<b>573.9889</b>

**3.34 27 Telecommunications Pole Assembly - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4166	0.0000	0.4166	0.0450	0.0000	0.0450			0.0000			0.0000
Off-Road	2.5759	19.6971	18.0799	0.0637		0.7497	0.7497		0.6941	0.6941		6,156.0608	6,156.0608	1.9339		6,204.4090

<b>Total</b>	<b>2.5759</b>	<b>19.6971</b>	<b>18.0799</b>	<b>0.0637</b>	<b>0.4166</b>	<b>0.7497</b>	<b>1.1664</b>	<b>0.0450</b>	<b>0.6941</b>	<b>0.7391</b>		<b>6,156.0608</b>	<b>6,156.0608</b>	<b>1.9339</b>		<b>6,204.4090</b>
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**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0737	0.5961	0.4645	3.1700e-003	0.1174	1.4700e-003	0.1188	0.0352	1.4000e-003	0.0366		328.1034	328.1034	5.3100e-003		328.2361
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1688</b>	<b>0.6383</b>	<b>0.8929</b>	<b>4.3100e-003</b>	<b>0.2451</b>	<b>2.3000e-003</b>	<b>0.2474</b>	<b>0.0691</b>	<b>2.1700e-003</b>	<b>0.0712</b>		<b>441.6251</b>	<b>441.6251</b>	<b>9.1300e-003</b>		<b>441.8534</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1625	0.0000	0.1625	0.0175	0.0000	0.0175			0.0000			0.0000
Off-Road	2.5759	19.6971	18.0799	0.0637		0.7497	0.7497		0.6941	0.6941	0.0000	6,156.0608	6,156.0608	1.9339		6,204.4090
<b>Total</b>	<b>2.5759</b>	<b>19.6971</b>	<b>18.0799</b>	<b>0.0637</b>	<b>0.1625</b>	<b>0.7497</b>	<b>0.9122</b>	<b>0.0175</b>	<b>0.6941</b>	<b>0.7117</b>	<b>0.0000</b>	<b>6,156.0608</b>	<b>6,156.0608</b>	<b>1.9339</b>		<b>6,204.4090</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0737	0.5961	0.4645	3.1700e-003	0.1174	1.4700e-003	0.1188	0.0352	1.4000e-003	0.0366		328.1034	328.1034	5.3100e-003		328.2361
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.1688</b>	<b>0.6383</b>	<b>0.8929</b>	<b>4.3100e-003</b>	<b>0.2451</b>	<b>2.3000e-003</b>	<b>0.2474</b>	<b>0.0691</b>	<b>2.1700e-003</b>	<b>0.0712</b>		<b>441.6251</b>	<b>441.6251</b>	<b>9.1300e-003</b>		<b>441.8534</b>

### 3.35 28 Telecommunications Pole Installation, Independence Tap

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					21.5888	0.0000	21.5888	2.3311	0.0000	2.3311			0.0000			0.0000
Off-Road	2.5393	18.1885	18.3766	0.0658		0.6886	0.6886		0.6335	0.6335		6,372.1161	6,372.1161	2.0609		6,423.6379
<b>Total</b>	<b>2.5393</b>	<b>18.1885</b>	<b>18.3766</b>	<b>0.0658</b>	<b>21.5888</b>	<b>0.6886</b>	<b>22.2773</b>	<b>2.3311</b>	<b>0.6335</b>	<b>2.9646</b>		<b>6,372.1161</b>	<b>6,372.1161</b>	<b>2.0609</b>		<b>6,423.6379</b>

#### 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
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Category	lb/day										lb/day				
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346	113.5217	113.5217	3.8200e-003	113.6173	
<b>Total</b>	<b>0.0951</b>	<b>0.0422</b>	<b>0.4284</b>	<b>1.1400e-003</b>	<b>0.1277</b>	<b>8.3000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.7000e-004</b>	<b>0.0346</b>	<b>113.5217</b>	<b>113.5217</b>	<b>3.8200e-003</b>	<b>113.6173</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.4196	0.0000	8.4196	0.9091	0.0000	0.9091			0.0000			0.0000
Off-Road	2.5393	18.1885	18.3766	0.0658		0.6886	0.6886		0.6335	0.6335	0.0000	6,372.1161	6,372.1161	2.0609		6,423.6379
<b>Total</b>	<b>2.5393</b>	<b>18.1885</b>	<b>18.3766</b>	<b>0.0658</b>	<b>8.4196</b>	<b>0.6886</b>	<b>9.1082</b>	<b>0.9091</b>	<b>0.6335</b>	<b>1.5426</b>	<b>0.0000</b>	<b>6,372.1161</b>	<b>6,372.1161</b>	<b>2.0609</b>		<b>6,423.6379</b>

**Mitigated Construction Off-Site**

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

Worker	0.0951	0.0422	0.4284	1.1400e-003	0.1277	8.3000e-004	0.1286	0.0339	7.7000e-004	0.0346		113.5217	113.5217	3.8200e-003		113.6173
<b>Total</b>	<b>0.0951</b>	<b>0.0422</b>	<b>0.4284</b>	<b>1.1400e-003</b>	<b>0.1277</b>	<b>8.3000e-004</b>	<b>0.1286</b>	<b>0.0339</b>	<b>7.7000e-004</b>	<b>0.0346</b>		<b>113.5217</b>	<b>113.5217</b>	<b>3.8200e-003</b>		<b>113.6173</b>

### 3.36 29 Restoration - 2023

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.3587	22.9453	14.2531	0.0507		0.8048	0.8048		0.7404	0.7404		4,904.3713	4,904.3713	1.5862		4,944.0256
<b>Total</b>	<b>2.3587</b>	<b>22.9453</b>	<b>14.2531</b>	<b>0.0507</b>	<b>0.0000</b>	<b>0.8048</b>	<b>0.8048</b>	<b>0.0000</b>	<b>0.7404</b>	<b>0.7404</b>		<b>4,904.3713</b>	<b>4,904.3713</b>	<b>1.5862</b>		<b>4,944.0256</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1332	0.0590	0.5997	1.6000e-003	0.1788	1.1600e-003	0.1800	0.0474	1.0700e-003	0.0485		158.9304	158.9304	5.3500e-003		159.0642
<b>Total</b>	<b>0.1332</b>	<b>0.0590</b>	<b>0.5997</b>	<b>1.6000e-003</b>	<b>0.1788</b>	<b>1.1600e-003</b>	<b>0.1800</b>	<b>0.0474</b>	<b>1.0700e-003</b>	<b>0.0485</b>		<b>158.9304</b>	<b>158.9304</b>	<b>5.3500e-003</b>		<b>159.0642</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.3587	22.9453	14.2531	0.0507		0.8048	0.8048		0.7404	0.7404	0.0000	4,904.3713	4,904.3713	1.5862		4,944.0256
<b>Total</b>	<b>2.3587</b>	<b>22.9453</b>	<b>14.2531</b>	<b>0.0507</b>	<b>0.0000</b>	<b>0.8048</b>	<b>0.8048</b>	<b>0.0000</b>	<b>0.7404</b>	<b>0.7404</b>	<b>0.0000</b>	<b>4,904.3713</b>	<b>4,904.3713</b>	<b>1.5862</b>		<b>4,944.0256</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1332	0.0590	0.5997	1.6000e-003	0.1788	1.1600e-003	0.1800	0.0474	1.0700e-003	0.0485		158.9304	158.9304	5.3500e-003		159.0642
<b>Total</b>	<b>0.1332</b>	<b>0.0590</b>	<b>0.5997</b>	<b>1.6000e-003</b>	<b>0.1788</b>	<b>1.1600e-003</b>	<b>0.1800</b>	<b>0.0474</b>	<b>1.0700e-003</b>	<b>0.0485</b>		<b>158.9304</b>	<b>158.9304</b>	<b>5.3500e-003</b>		<b>159.0642</b>

**3.36 29 Restoration - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000
Off-Road	2.2495	20.8441	14.0691	0.0507		0.7296	0.7296		0.6713	0.6713	4,904.5345	4,904.5345	1.5862		4,944.1902
<b>Total</b>	<b>2.2495</b>	<b>20.8441</b>	<b>14.0691</b>	<b>0.0507</b>	<b>0.0000</b>	<b>0.7296</b>	<b>0.7296</b>	<b>0.0000</b>	<b>0.6713</b>	<b>0.6713</b>	<b>4,904.5345</b>	<b>4,904.5345</b>	<b>1.5862</b>		<b>4,944.1902</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1249	0.0529	0.5465	1.5300e-003	0.1788	1.1300e-003	0.1800	0.0474	1.0400e-003	0.0485		152.8226	152.8226	4.7300e-003		152.9409
<b>Total</b>	<b>0.1249</b>	<b>0.0529</b>	<b>0.5465</b>	<b>1.5300e-003</b>	<b>0.1788</b>	<b>1.1300e-003</b>	<b>0.1800</b>	<b>0.0474</b>	<b>1.0400e-003</b>	<b>0.0485</b>		<b>152.8226</b>	<b>152.8226</b>	<b>4.7300e-003</b>		<b>152.9409</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.2495	20.8441	14.0691	0.0507		0.7296	0.7296		0.6713	0.6713	0.0000	4,904.5345	4,904.5345	1.5862		4,944.1902

<b>Total</b>	<b>2.2495</b>	<b>20.8441</b>	<b>14.0691</b>	<b>0.0507</b>	<b>0.0000</b>	<b>0.7296</b>	<b>0.7296</b>	<b>0.0000</b>	<b>0.6713</b>	<b>0.6713</b>	<b>0.0000</b>	<b>4,904.5345</b>	<b>4,904.5345</b>	<b>1.5862</b>		<b>4,944.1902</b>
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**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
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1249	0.0529	0.5465	1.5300e-003	0.1788	1.1300e-003	0.1800	0.0474	1.0400e-003	0.0485		152.8226	152.8226	4.7300e-003		152.9409
<b>Total</b>	<b>0.1249</b>	<b>0.0529</b>	<b>0.5465</b>	<b>1.5300e-003</b>	<b>0.1788</b>	<b>1.1300e-003</b>	<b>0.1800</b>	<b>0.0474</b>	<b>1.0400e-003</b>	<b>0.0485</b>		<b>152.8226</b>	<b>152.8226</b>	<b>4.7300e-003</b>		<b>152.9409</b>

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

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

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

#### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

#### 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.492592	0.029877	0.172571	0.108744	0.015451	0.005259	0.018880	0.146151	0.001599	0.001570	0.005698	0.000896	0.000711

#### 5.0 Energy Detail

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy

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

NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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## 5.2 Energy by Land Use - NaturalGas

### Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 6.0 Area Detail

### 6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5000e-004	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	1.5000e-004	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

## 6.2 Area by SubCategory

### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4000e-004					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
<b>Total</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>2.2000e-004</b>	<b>2.2000e-004</b>	<b>0.0000</b>		<b>2.3000e-004</b>

### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4000e-004					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
<b>Total</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>2.2000e-004</b>	<b>2.2000e-004</b>	<b>0.0000</b>		<b>2.3000e-004</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

## 9.0 Operational Offroad

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

### Fire Pumps and Emergency Generators

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**

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## HELICOPTER EMISSION CALCULATIONS

### Light Duty Helicopter

Helicopter Model	Hughes 500
Engine Type	DDA250-C18
Fuel S Content by Weight	0.3 %
Fuel Burn Rate	32 gal/hr
Jet Fuel density	7 lbs/gal
Fuel Type	Jet Fuel A
High Heat Value	72.22 kg CO2/MMB (ARB 2012)
CO2 emission factor	0.135 MMBtu/gal (ARB 2012)

	fuel (kg)	Nox (g)	HC	CO	PM	Fugitive PM
LTO	16.4	60	446	582	2	750
Run	99	480	960	1200	16	

Activity	Emission Rate						
	HC	CO	NOx	SOx	PM10	PM2.5	CO2
Flight (lbs/hr)	2.112	2.64	1.056	0.018	0.0352	0.032384	687
LTO (lbs)	0.9812	1.2804	0.132	0.010	1.6544	0.350548	52

Activity	Working Hrs	Emissions lbs/day						
		HC	CO	NOx	SOx	PM10	PM2.5	CO2
Flight	5	10.56	13.2	5.28	0.09075	0.176	0.064768	3435.04871
LTO	2	1.9624	2.5608	0.264	0.02004444	3.3088	0.701096	103.461522
TOTAL		12.5224	15.7608	5.544	0.11079444	3.4848	0.765864	3539

Construction Phase	Working Days	Emissions tons						MT
		HC	CO	NOx	SOx	PM10	PM2.5	CO2
22 Install/Remove Conductor and Install OPGW	218	1.3649	1.7179	0.6043	0.0121	0.3798	0.0835	385.6976

#### NOTES:

California Air Resources Board (ARB). 2012. Regulation for the Mandatory Reporting of Greenhouse Gas Emissions. Petroleum Fuels. Section 95115(c)(1)

Ref: Swiss Confederation, DETEC and FOCA "Guidance on the Determination of Helicopter Emissions", 2015

Engine T700-GE-700

Fugitive dust estimates from Emission Factor Source: Dr. J. A. Gillies et. al. December 31, 2007. Particulate Matter Emissions for Dust from Unique Military Activities.

ARB's CEIDARS database PM2.5 fractions - construction dust category for fugitive and diesel vehicle exhaust category for combustion.

## HELICOPTER EMISSION CALCULATIONS

### Medium Duty Helicopter

Helicopter Model	Kaman K-MAX
Engine Type	T53-17
Fuel S Content by Weight	0.3 %
Fuel Burn Rate	92 gal/hr
Jet Fuel density	7 lbs/gal
Fuel Type	Jet Fuel A
High Heat Value	72.22 kg CO2/MMB (ARB 2012)
CO2 emission factor	0.135 MMBtu/gal (ARB 2012)

	fuel (kg)	Nox (g)	HC	CO	PM	Fugitive PM
LTO	43.3	391	210	261	11	750
Run	284	3360	510	610	91	

Activity	Emission Rate						
	HC	CO	NOx	SOx	PM	PM2.5	CO2
Flight (lbs/hr)	1.122	1.342	7.392	0.052	0.2002	0.184184	1971
LTO (lbs)	0.462	0.5742	0.8602	0.026	1.6742	0.368764	137

Activity	Working Hrs	Emissions lbs/day						
		HC	CO	NOx	SOx	PM	PM2.5	CO2
Flight	4	4.488	5.368	29.568	0.20826667	0.8008	0.368368	7883.26331
LTO	2	0.924	1.1484	1.7204	0.05292222	3.3484	0.737528	273.163654
TOTAL		5.412	6.5164	31.2884	0.26118889	4.1492	1.105896	8156

Construction Phase	Working Days	Emissions tons						MT
		HC	CO	NOx	SOx	PM	PM2.5	CO2
8 TSP Erection	87	0.2354	0.2835	1.3610	0.0114	0.1805	0.0481	354.8046
12 TSP Erection Multi Pole	45	0.1218	0.1466	0.7040	0.0059	0.0934	0.0249	183.5196
15 Existing Lattice Structure/TSP Removal (2022)	171	0.4627	0.5572	2.6752	0.0223	0.3548	0.0946	697.3745
15 Existing Lattice Structure/TSP Removal (2023)	108	0.2922	0.3519	1.6896	0.0141	0.2241	0.0597	440.4471
18 Install LWS Pole	41	0.1109	0.1336	0.6414	0.0054	0.0851	0.0227	167.2068

#### NOTES:

California Air Resources Board (ARB). 2012. Regulation for the Mandatory Reporting of Greenhouse Gas Emissions. Petroleum Fuels. Section 95115(c)(1)

Ref: Swiss Confederation, DETEC and FOCA "Guidance on the Determination of Helicopter Emissions", 2015

Engine T53 17A

Fugitive dust estimates from Emission Factor Source: Dr. J. A. Gillies et. al. December 31, 2007. Particulate Matter Emissions for Dust from Unique Military Activities.

ARB's CEIDARS database PM2.5 fractions - construction dust category for fugitive and diesel vehicle exhaust category for combustion.