

## **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**

Urbanization Rural Wind Speed (m/s) 2.2 Precipitation Freq (Days) 54  
 Climate Zone 9 Operational Year 2025

Utility Company Southern California Edison

CO2 Intensity (lb/MW/hr) 702.44 CH4 Intensity (lb/MW/hr) 0.029 N2O Intensity (lb/MW/hr) 0.006

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

Project Characteristics -

Land Use -

Construction Phase - SCE provided information

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

Off-road Equipment - SCE info

Off-road Equipment - see info



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- Off-road Equipment - SCE equipment info
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- Off-road Equipment - SCE equipment info
- Off-road Equipment - SCE equipment info
- Off-road Equipment - SCE equipment info
- Trips and VMT - SCE workforce estimates
- On-road Fugitive Dust - Roads for workers assumed to be totally paved to the work site; 4x4 trucks as vendor trips assumed to travel along paved roads for 60% of the distance; haul trucks individually calculated and averaged for paved travel.
- Grading - SCE info, total acres disturbed during construction to occur during duration of project
- Vehicle Trips - SCE O&M
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Vehicle Emission Factors -



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Consumer Products - no consumer products used

Area Coating - no arch coating

Landscaping Equipment - no landscaping

Construction Off-road Equipment Mitigation - unpaved road mitigation of 15 mph and 5% moisture; Tier 4F engines for all equipment

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	24	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	1.00	356.00
tblConstructionPhase	NumDays	1.00	182.00
tblConstructionPhase	NumDays	1.00	96.00
tblConstructionPhase	NumDays	1.00	542.00
tblConstructionPhase	NumDays	1.00	50.00
tblConstructionPhase	NumDays	1.00	15.00

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tblConstructionPhase	NumDays	1.00	4.00
tblConstructionPhase	NumDays	1.00	54.00
tblConstructionPhase	NumDays	1.00	50.00
tblConstructionPhase	NumDays	1.00	50.00
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tblConstructionPhase	NumDays	1.00	28.00
tblConstructionPhase	NumDays	1.00	218.00
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tblConstructionPhase	NumDays	1.00	38.00
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tblConstructionPhase	NumDays	1.00	384.00
tblConstructionPhase	NumDays	1.00	47.00









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tb/OffRoadEquipment	HorsePower	78.00	60.00
tb/OffRoadEquipment	HorsePower	78.00	60.00
tb/OffRoadEquipment	HorsePower	78.00	60.00
tb/OffRoadEquipment	HorsePower	231.00	350.00
tb/OffRoadEquipment	HorsePower	231.00	215.00
tb/OffRoadEquipment	HorsePower	231.00	300.00
tb/OffRoadEquipment	HorsePower	231.00	350.00
tb/OffRoadEquipment	HorsePower	158.00	250.00
tb/OffRoadEquipment	HorsePower	158.00	300.00
tb/OffRoadEquipment	HorsePower	158.00	250.00
tb/OffRoadEquipment	HorsePower	89.00	350.00
tb/OffRoadEquipment	HorsePower	172.00	300.00
tb/OffRoadEquipment	HorsePower	172.00	350.00
tb/OffRoadEquipment	HorsePower	172.00	300.00
tb/OffRoadEquipment	HorsePower	172.00	350.00
tb/OffRoadEquipment	HorsePower	172.00	350.00
tb/OffRoadEquipment	HorsePower	80.00	250.00
tb/OffRoadEquipment	HorsePower	80.00	100.00
tb/OffRoadEquipment	HorsePower	100.00	125.00
tb/OffRoadEquipment	HorsePower	203.00	200.00
tb/OffRoadEquipment	LeafFactor	0.42	0.37
tb/OffRoadEquipment	OfRoadEquipmentUnitAmount	1.00	0.00
tb/OffRoadEquipment	OfRoadEquipmentUnitAmount	1.00	0.00
tb/OffRoadEquipment	OfRoadEquipmentUnitAmount	1.00	0.00
tb/OffRoadEquipment	OfRoadEquipmentUnitAmount	1.00	0.00
tb/OffRoadEquipment	OfRoadEquipmentUnitAmount	1.00	0.00









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tb/O/rRoadEquipment	Of/RoadEquipmentUnitAmount	1.00	0.00
tb/O/rRoadEquipment	Of/RoadEquipmentUnitAmount	1.00	0.00
tb/O/rRoadEquipment	Of/RoadEquipmentUnitAmount	1.00	0.00
tb/O/rRoadEquipment	Of/RoadEquipmentUnitAmount	1.00	0.00
tb/O/rRoadEquipment	Of/RoadEquipmentUnitAmount	1.00	0.00
tb/O/rRoadEquipment	Of/RoadEquipmentUnitAmount	1.00	0.00
tb/O/rRoadEquipment	Of/RoadEquipmentUnitAmount	1.00	4.00
tb/O/rRoadEquipment	Of/RoadEquipmentUnitAmount	1.00	0.00
tb/O/rRoadEquipment	Of/RoadEquipmentUnitAmount	1.00	0.00
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tb/O/rRoadEquipment	UsageHours	8.00	5.00
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tb/O/rRoadEquipment	UsageHours	8.00	10.00
tb/O/rRoadEquipment	UsageHours	8.00	6.00
tb/O/rRoadEquipment	UsageHours	8.00	10.00
tb/O/rRoadEquipment	UsageHours	8.00	10.00
tb/O/rRoadEquipment	UsageHours	8.00	10.00
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tb/O/rRoadEquipment	UsageHours	8.00	10.00
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tb/O/rRoadEquipment	UsageHours	8.00	6.00
tb/O/rRoadEquipment	UsageHours	8.00	10.00
tb/O/rRoadEquipment	UsageHours	8.00	10.00

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tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	10.00
tblOnRoadDust	HaulingPercentPave	100.00	68.00
tblOnRoadDust	HaulingPercentPave	100.00	60.00
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tblOnRoadDust	HaulingPercentPave	100.00	60.00
tblOnRoadDust	HaulingPercentPave	100.00	50.00
tblOnRoadDust	HaulingPercentPave	100.00	69.00
tblOnRoadDust	HaulingPercentPave	100.00	35.00
tblOnRoadDust	HaulingPercentPave	100.00	10.00
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tblOnRoadDust	HaulingPercentPave	100.00	61.00
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tblOnRoadDust	HaulingPercentPave	100.00	68.00
tblOnRoadDust	HaulingPercentPave	100.00	68.00
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tblOnRoadDust	HaulingPercentPave	100.00	53.00
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tblOnRoadDust	HaulingPercentPave	100.00	60.00
tblOnRoadDust	HaulingPercentPave	100.00	71.00







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tbtTpsAncWt	HaulingTriplLength	20.00	10.00



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tbT tipsAndWt	Hauling TripNumber	0.00	200.00
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tbT tipsAndWt	Hauling TripNumber	0.00	4.00
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tbT tipsAndWt	Hauling TripNumber	0.00	34.00
tbT tipsAndWt	Hauling TripNumber	0.00	85.00





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tbT tipsAndWt	Vendor TripLength	6.60	50.00
tbT tipsAndWt	Vendor TripLength	6.60	50.00
tbT tipsAndWt	Vendor TripLength	6.60	50.00
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tblTpsAndWt	WorkerTripNumber	0.00	10.00
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tblTpsAndWt	WorkerTripNumber	5.00	20.00
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tblTpsAndWt	WorkerTripNumber	5.00	12.00
tblTpsAndWt	WorkerTripNumber	0.00	10.00
tblTpsAndWt	WorkerTripNumber	3.00	10.00

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tblTripsAndWMT	WorkerTripNumber	3.00	10.00
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tblTripsAndWMT	WorkerTripNumber	3.00	10.00
tblTripsAndWMT	WorkerTripNumber	3.00	10.00
tblTripsAndWMT	WorkerTripNumber	8.00	14.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	9,727.00

**2.0 Emissions Summary**

**2.1 Overall Construction  
Unmitigated Construction**

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
2023	2.6896	22.5701	21.6946	0.0751	355.3286	0.7742	356.1027	35.7009	0.7185	36.4193			6,722.5053	1.3961		6,757.4072
2024	1.8595	15.1798	16.1983	0.0528	286.4938	0.5255	287.0193	28.7603	0.4878	29.2481			4,725.3679	0.9952		4,750.0738
2025	0.1926	1.4986	1.3370	5.330e-003	55.7053	0.0441	55.7496	5.8005	0.0411	5.8416			481.7070	0.0795		483.6940
2026	0.0423	0.3469	0.2941	1.1700e-003	24.2392	0.0103	24.2495	2.4412	9.5200e-003	2.4507			105.6663	0.0186		106.1316
<b>Maximum</b>	<b>2.6896</b>	<b>22.5701</b>	<b>21.6946</b>	<b>0.0751</b>	<b>355.3286</b>	<b>0.7742</b>	<b>356.1027</b>	<b>35.7009</b>	<b>0.7185</b>	<b>36.4193</b>			<b>6,722.5053</b>	<b>1.3961</b>		<b>6,757.4072</b>

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**2.1 Overall Construction  
Mitigated Construction**

Year	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
2023	2.6896	22.5701	21.6946	0.0751	23.7623	0.7742	24.5365	2.5983	0.7185	3.3168			6,722.5002	1.3961		6,757.4020
2024	1.8595	15.1798	16.1983	0.0528	19.1245	0.5255	19.6500	2.0654	0.4878	2.5532			4,725.3642	0.9682		4,750.0701
2025	0.1926	1.4986	1.3370	5.300e-003	4.1754	0.0444	4.2198	0.4464	0.0411	0.4895			481.7067	0.0795		483.6937
2026	0.0423	0.3469	0.2941	1.1700e-003	2.1290	0.0103	2.1393	0.2254	9.5200e-003	0.2350			105.6682	0.0186		106.1315
Maximum	2.6896	22.5701	21.6946	0.0751	23.7623	0.7742	24.5365	2.5983	0.7185	3.3168			6,722.5002	1.3961		6,757.4020

Percent Reduction	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
0.00	0.00	0.00	0.00	0.00	93.18	0.00	93.01	92.64	0.00	91.06	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)
9	1-1-2023	3-31-2023	0.8619	0.8619
10	4-1-2023	6-30-2023	5.5531	5.5531
11	7-1-2023	9-30-2023	11.3558	11.3558
12	10-1-2023	12-31-2023	7.4720	7.4720
13	1-1-2024	3-31-2024	6.2880	6.2880
14	4-1-2024	6-30-2024	3.8193	3.8193
15	7-1-2024	9-30-2024	3.5723	3.5723
16	10-1-2024	12-31-2024	3.2974	3.2974

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17	1-1-2025	3-31-2025	0.6394	0.6394
18	4-1-2025	6-30-2025	0.3454	0.3454
19	7-1-2025	9-30-2025	0.3492	0.3492
20	10-1-2025	12-31-2025	0.3522	0.3522
21	1-1-2026	3-31-2026	0.3416	0.3416
22	4-1-2026	6-30-2026	0.0489	0.0489
	Highest		11.3558	11.3558

**2.2 Overall Operational**  
**Unmitigated Operational**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Area	3.000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			2.0000e-005	0.0000		2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0446	0.0000		0.0446
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
Waste					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
<b>Total</b>	<b>3.000e-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>0.0446</b>	<b>0.0000</b>		<b>0.0446</b>

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**2.2 Overall Operational Mitigated Operational**

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

  

Percent Reduction	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	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	1/2/2023	2/22/2024	6	358	
2	02 Staging Yard	Site Preparation	1/2/2023	4/13/2026	6	1027	
3	03A Road Work	Site Preparation	2/1/2023	3/4/2023	6	28	

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4	03B Road Work	Site Preparation	2/1/2023	3/27/2023	6	47
5	04 Wet Crossing Installation	Site Preparation	2/21/2023	5/24/2023	6	80
6	05A Install TSP Foundations	Site Preparation	3/1/2023	1/12/2024	6	273
7	05B Install TSP Foundations	Site Preparation	3/1/2023	4/27/2024	6	364
8	06 TSP Haul	Site Preparation	3/14/2023	10/11/2023	6	182
9	07 TSP Assembly	Site Preparation	4/1/2023	10/30/2023	6	182
10	08 TSP Erection	Site Preparation	4/1/2023	10/30/2023	6	182
11	17 Existing H-Frame MP Removal	Site Preparation	4/2/2023	7/22/2023	6	96
12	18 Existing Lattices Structure/TSP Removal	Site Preparation	4/2/2023	12/24/2024	6	542
13	19 LWS Pole Haul	Site Preparation	6/1/2023	7/28/2023	6	50
14	22 LWS MP Structure Haul	Site Preparation	6/1/2023	6/17/2023	6	15
15	28 Temporary LWS MP Haul	Site Preparation	6/1/2023	6/5/2023	6	4
16	31 Temporary LWS Pole Haul	Site Preparation	6/1/2023	8/2/2023	6	54
17	20 LWS Pole Assembly	Site Preparation	6/15/2023	8/11/2023	6	50
18	21 Install LWS Pole	Site Preparation	6/15/2023	8/11/2023	6	50
19	23 LWS MP Structure Assembly	Site Preparation	6/15/2023	7/1/2023	6	15
20	24 Install MP Structure	Site Preparation	6/15/2023	7/1/2023	6	15
21	29 Temporary LWS MP Assembly	Site Preparation	6/15/2023	6/16/2023	6	2
22	30 Temporary LWS MP Structure Install/Removal	Site Preparation	6/15/2023	6/19/2023	6	4
23	32 Temporary LWS Pole Assembly	Site Preparation	6/15/2023	7/15/2023	6	27
24	33 Temporary LWS Pole Install/Removal	Site Preparation	6/15/2023	2/21/2024	5	180
25	34A Install Conductor OPGW	Site Preparation	7/1/2023	8/21/2023	6	44
26	34B Install Conductor OPGW	Site Preparation	7/1/2023	9/7/2023	6	59
27	34C Install Conductor OPGW	Site Preparation	7/1/2023	9/23/2023	6	73
28	34D Install Conductor OPGW	Site Preparation	7/1/2023	11/13/2023	6	116
29	34E Install Conductor OPGW	Site Preparation	7/1/2023	12/23/2023	6	151



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30	34F Install Conductor OPGW Structures	Site Preparation	7/1/2023	3/11/2024	6	218
31	35 Install/Remove Guard Structures	Site Preparation	12/1/2023	3/22/2024	6	97
32	09A Install TSP Foundation MP	Site Preparation	12/11/2023	7/16/2024	6	188
33	09B Install TSP Foundation MP	Site Preparation	12/11/2023	2/21/2025	6	377
34	13A Install TSP H-Frame Foundations	Site Preparation	12/11/2023	12/11/2023	6	1
35	13B Install TSP H-Frame Foundations	Site Preparation	12/11/2023	12/19/2023	6	8
36	10 TSP Haul MP	Site Preparation	1/2/2024	5/29/2024	6	128
37	11A TSP Assembly MP	Site Preparation	1/2/2024	2/14/2024	6	38
38	11B TSP Assembly MP	Site Preparation	1/2/2024	3/24/2025	6	384
39	12 TSP Erection MP	Site Preparation	1/2/2024	3/24/2025	6	384
40	14 TSP H-Frame Haul	Site Preparation	1/2/2024	1/2/2024	6	1
41	15A TSP H-Frame Assembly	Site Preparation	1/2/2024	1/2/2024	6	1
42	15B TSP H-Frame Assembly	Site Preparation	1/2/2024	1/5/2024	6	4
43	16A TSP H-Frame Erection	Site Preparation	1/2/2024	1/2/2024	6	1
44	16B TSP H-Frame Erection	Site Preparation	1/2/2024	1/5/2024	6	4
45	36 Telecommunications Underground Infrastructure Installation	Site Preparation	1/2/2024	2/14/2024	6	29
46	37 Telecommunications Pole Haul	Site Preparation	2/1/2024	2/20/2024	6	17
47	38 Telecommunications Pole Assembly	Site Preparation	2/1/2024	2/20/2024	6	17
48	39 Telecommunications Pole Installation, Independence Tap and Crossings	Site Preparation	2/1/2024	2/20/2024	6	17
49	25 LWS H-Frame Haul	Site Preparation	5/1/2024	7/18/2024	6	68
50	26 LWS H-Frame Assembly	Site Preparation	5/15/2024	8/1/2024	6	68
51	27A Install LWS H-Frame	Site Preparation	5/15/2024	7/18/2024	6	56
52	27B Install LWS H-Frame	Site Preparation	5/15/2024	8/1/2024	6	68
53	46 Restoration	Site Preparation	2/20/2025	4/13/2026	6	358

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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 Coating – sqft)

**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	Tractors/Loaders/Backhoes	0	8.00	97	0.37
02 Staging Yard	Forklifts	1	5.00	350	0.20
02 Staging Yard	Graders	0	6.00	250	0.41
02 Staging Yard	Tractors/Loaders/Backhoes	0	6.00	97	0.37
03A Road Work	Excavators	1	7.00	300	0.38
03A Road Work	Graders	0	8.00	187	0.41
03A Road Work	Tractors/Loaders/Backhoes	0	8.00	97	0.37
03B Road Work	Graders	1	5.00	350	0.41
03B Road Work	Rollers	1	5.00	250	0.38
03B Road Work	Tractors/Loaders/Backhoes	2	7.00	350	0.37
04 Wet Crossing Installation	Excavators	1	8.00	250	0.38
04 Wet Crossing Installation	Graders	0	8.00	187	0.41
04 Wet Crossing Installation	Rough Terrain Forklifts	1	8.00	125	0.40
04 Wet Crossing Installation	Tractors/Loaders/Backhoes	1	8.00	250	0.37
05A Install TSP Foundations	Graders	0	8.00	187	0.41
05A Install TSP Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37
05B Install TSP Foundations	Graders	0	8.00	187	0.41
05B Install TSP Foundations	Tractors/Loaders/Backhoes	4	10.00	200	0.37

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06 TSP Haul	Graders	0	8.00	187	0.41
06 TSP Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
07 TSP Assembly	Air Compressors	4	6.00	60	0.48
07 TSP Assembly	Graders	0	8.00	187	0.41
07 TSP Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
08 TSP Erection	Air Compressors	4	6.00	60	0.48
08 TSP Erection	Cranes	4	7.00	350	0.29
08 TSP Erection	Graders	0	8.00	187	0.41
08 TSP Erection	Tractors/Loaders/Backhoes	0	8.00	97	0.37
17 Existing H-Frame/MP Removal	Air Compressors	1	5.00	60	0.48
17 Existing H-Frame/MP Removal	Graders	0	8.00	187	0.41
17 Existing H-Frame/MP Removal	Tractors/Loaders/Backhoes	0	8.00	97	0.37
18 Existing Lattice Structure/TSP Removal	Air Compressors	5	5.00	60	0.48
18 Existing Lattice Structure/TSP Removal	Cranes	5	5.00	216	0.29
18 Existing Lattice Structure/TSP Removal	Cranes	5	7.00	300	0.29
18 Existing Lattice Structure/TSP Removal	Excavators	5	10.00	250	0.38
18 Existing Lattice Structure/TSP Removal	Graders	0	8.00	187	0.41
18 Existing Lattice Structure/TSP Removal	Tractors/Loaders/Backhoes	10	10.00	126	0.37
19 LWS Pole Haul	Graders	0	8.00	187	0.41
19 LWS Pole Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
22 LWS MP Structure Haul	Graders	0	8.00	187	0.41
22 LWS MP Structure Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
28 Temporary LWS MP Haul	Graders	0	8.00	187	0.41
28 Temporary LWS MP Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
31 Temporary LWS Pole Haul	Graders	0	8.00	187	0.41
31 Temporary LWS Pole Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37

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20 LWS Pole Assembly	Air Compressors	2	6.00	60	0.48
20 LWS Pole Assembly	Graders	0	8.00	187	0.41
20 LWS Pole Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
21 Install LWS Pole	Graders	0	8.00	187	0.41
21 Install LWS Pole	Tractors/Loaders/Backhoes	2	10.00	125	0.37
23 LWS MP Structure Assembly	Air Compressors	1	6.00	60	0.48
23 LWS MP Structure Assembly	Graders	0	8.00	187	0.41
23 LWS MP Structure Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
24 Install MP Structure	Graders	0	8.00	187	0.41
24 Install MP Structure	Tractors/Loaders/Backhoes	1	10.00	125	0.37
29 Temporary LWS MP Assembly	Air Compressors	1	6.00	60	0.48
29 Temporary LWS MP Assembly	Graders	0	8.00	187	0.41
29 Temporary LWS MP Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
30 Temporary LWS MP Structure Install/Removal	Graders	0	8.00	187	0.41
30 Temporary LWS MP Structure Install/Removal	Tractors/Loaders/Backhoes	1	10.00	125	0.37
32 Temporary LWS Pole Assembly	Air Compressors	1	6.00	60	0.48
32 Temporary LWS Pole Assembly	Graders	0	8.00	187	0.41
32 Temporary LWS Pole Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
33 Temporary LWS Pole Install/Removal	Graders	0	8.00	187	0.41
33 Temporary LWS Pole Install/Removal	Tractors/Loaders/Backhoes	1	10.00	125	0.37
34A Install Conductor OPGW	Graders	0	8.00	187	0.41
34A Install Conductor OPGW	Tractors/Loaders/Backhoes	4	8.00	125	0.37
34B Install Conductor OPGW	Graders	0	8.00	187	0.41
34B Install Conductor OPGW	Other Construction Equipment	4	10.00	300	0.42
34B Install Conductor OPGW	Other Construction Equipment	4	10.00	350	0.42
34C Install Conductor OPGW	Tractors/Loaders/Backhoes	0	10.00	125	0.37
34C Install Conductor OPGW	Graders	0	8.00	187	0.41

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34C Install Conductor OPGW	Other Construction Equipment	4	10.00	300	0.42
34C Install Conductor OPGW	Tractors/Loaders/Backhoes	0	6.00	125	0.37
34D Install Conductor OPGW	Graders	0	8.00	187	0.41
34D Install Conductor OPGW	Other Construction Equipment	4	10.00	350	0.42
34D Install Conductor OPGW	Tractors/Loaders/Backhoes	0	8.00	97	0.37
34E Install Conductor OPGW	Graders	0	8.00	187	0.41
34E Install Conductor OPGW	Tractors/Loaders/Backhoes	0	8.00	97	0.37
34F Install Conductor OPGW	Graders	0	8.00	187	0.41
34F Install Conductor OPGW	Other Construction Equipment	4	10.00	350	0.42
34F Install Conductor OPGW	Other Construction Equipment	4	10.00	350	0.37
34F Install Conductor OPGW	Tractors/Loaders/Backhoes	0	10.00	125	0.37
35 Install/Remove Guard Structures	Air Compressors	2	7.00	60	0.48
35 Install/Remove Guard Structures	Graders	0	8.00	187	0.41
35 Install/Remove Guard Structures	Tractors/Loaders/Backhoes	1	10.00	125	0.37
09A Install TSP Foundation MP	Graders	0	8.00	187	0.41
09A Install TSP Foundation MP	Tractors/Loaders/Backhoes	0	8.00	97	0.37
09B Install TSP Foundation MP	Graders	0	8.00	187	0.41
09B Install TSP Foundation MP	Rubber Tired Loaders	2	10.00	200	0.36
09B Install TSP Foundation MP	Tractors/Loaders/Backhoes	0	8.00	97	0.37
13A Install TSP H-Frame Foundations	Graders	0	8.00	187	0.41
13A Install TSP H-Frame Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37
13B Install TSP H-Frame Foundations	Air Compressors	1	6.00	60	0.48
13B Install TSP H-Frame Foundations	Graders	0	8.00	187	0.41
13B Install TSP H-Frame Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37
10 TSP Haul MP	Graders	0	8.00	187	0.41
10 TSP Haul MP	Tractors/Loaders/Backhoes	0	8.00	97	0.37
11A TSP Assembly MP	Graders	0	8.00	187	0.41

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11A TSP Assembly MP	Tractors/Loaders/Backhoes	0	8.00	97	0.37
11B TSP Assembly MP	Air Compressors	1	6.00	60	0.48
11B TSP Assembly MP	Graders	0	8.00	187	0.41
11B TSP Assembly MP	Tractors/Loaders/Backhoes	0	8.00	97	0.37
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	Graders	0	8.00	187	0.41
12 TSP Erection MP	Tractors/Loaders/Backhoes	0	8.00	97	0.37
14 TSP H-Frame Haul	Air Compressors	1	6.00	60	0.48
14 TSP H-Frame Haul	Graders	0	7.00	350	0.41
14 TSP H-Frame Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
15A TSP H-Frame Assembly	Graders	0	8.00	187	0.41
15A TSP H-Frame Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
15B TSP H-Frame Assembly	Air Compressors	1	6.00	60	0.48
15B TSP H-Frame Assembly	Graders	0	8.00	187	0.41
15B TSP H-Frame Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
16A TSP H-Frame Erection	Graders	0	8.00	187	0.41
16A TSP H-Frame Erection	Tractors/Loaders/Backhoes	0	8.00	97	0.37
16B TSP H-Frame Erection	Air Compressors	1	6.00	60	0.48
16B TSP H-Frame Erection	Graders	0	8.00	187	0.41
16B TSP H-Frame Erection	Tractors/Loaders/Backhoes	0	8.00	97	0.37
36 Telecommunications Underground Infrastructure Installation	Air Compressors	1	4.00	60	0.48
36 Telecommunications Underground Infrastructure Installation	Graders	0	8.00	187	0.41
36 Telecommunications Underground Infrastructure Installation	Tractors/Loaders/Backhoes	1	6.00	125	0.37
37 Telecommunications Pole Haul	Graders	0	8.00	187	0.41
37 Telecommunications Pole Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37

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38 Telecommunications Pole Assembly	Air Compressors	1	6.00	60	0.48
38 Telecommunications Pole Assembly	Graders	0	8.00	187	0.41
38 Telecommunications Pole Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
39 Telecommunications Pole Installation, Independence Tap and Crossings	Graders	0	8.00	187	0.41
39 Telecommunications Pole Installation, Independence Tap and Crossings	Tractors/Loaders/Backhoes	1	10.00	125	0.37
25 LWS H-Frame Haul	Graders	0	8.00	187	0.41
25 LWS H-Frame Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
26 LWS H-Frame Assembly	Air Compressors	1	6.00	60	0.48
26 LWS H-Frame Assembly	Graders	0	8.00	187	0.41
26 LWS H-Frame Assembly	Tractors/Loaders/Backhoes	0	8.00	97	0.37
27A Install LWS H-Frame	Graders	0	8.00	187	0.41
27A Install LWS H-Frame	Tractors/Loaders/Backhoes	0	8.00	97	0.37
27B Install LWS H-Frame	Graders	0	8.00	187	0.41
27B Install LWS H-Frame	Tractors/Loaders/Backhoes	1	10.00	125	0.37
46 Restoration	Graders	1	6.00	250	0.41
46 Restoration	Rollers	1	4.00	100	0.38
46 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	0	8.00	2.00	0.00	30.00	50.00	20.00	LD_Mix	MHDT	MHDT
02 Staging Yard	1	10.00	1.00	5,135.00	30.00	50.00	14.00	LD_Mix	MHDT	MHDT
03A Road Work	1	0.00	0.00	28.00	30.00	50.00	30.00	LD_Mix	MHDT	MHDT
03B Road Work	4	12.00	2.00	94.00	30.00	50.00	10.00	LD_Mix	MHDT	MHDT
04 Wet Crossing Installation	3	12.00	1.00	480.00	30.00	50.00	17.00	LD_Mix	MHDT	MHDT

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05A Install TSP Foundations	0	0.00	0.00	3,243.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
05B Install TSP Foundations	4	40.00	8.00	4,382.00	30.00	50.00	17.00	LD_Mix	MHDT	HHDT
06 TSP Haul	0	10.00	2.00	728.00	30.00	50.00	20.00	LD_Mix	MHDT	HHDT
07 TSP Assembly	4	40.00	16.00	1,454.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
08 TSP Erection	8	40.00	8.00	727.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
17 Existing H-Frame MP Removal	1	10.00	2.00	384.00	30.00	50.00	15.00	LD_Mix	MHDT	HHDT
18 Existing Lattice Structure/TSP Demolition	30	50.00	10.00	13,560.00	30.00	50.00	18.00	LD_Mix	MHDT	HHDT
19 LWS Pole Haul	0	20.00	2.00	300.00	30.00	50.00	17.00	LD_Mix	MHDT	HHDT
22 LWS MP Structure Haul	0	10.00	1.00	37.50	30.00	50.00	18.00	LD_Mix	MHDT	HHDT
28 Temporary LWS MP Haul	0	10.00	1.00	10.00	30.00	50.00	18.00	LD_Mix	MHDT	HHDT
31 Temporary LWS Pole Haul	0	10.00	1.00	182.00	30.00	50.00	17.00	LD_Mix	MHDT	HHDT
20 LWS Pole Assembly	2	20.00	8.00	200.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
21 Install LWS Pole Assembly	2	20.00	2.00	500.00	30.00	50.00	14.00	LD_Mix	MHDT	HHDT
23 LWS MP Structure Assembly	1	10.00	4.00	30.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
24 Install MP Structure Assembly	1	10.00	1.00	75.00	30.00	50.00	14.00	LD_Mix	MHDT	HHDT
29 Temporary LWS MP Assembly	1	10.00	4.00	4.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
30 Temporary LWS MP Structure/Install/Remove	1	10.00	1.00	20.00	30.00	50.00	14.00	LD_Mix	MHDT	HHDT
32 Temporary LWS Pole Assembly	1	10.00	4.00	54.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
33 Temporary LWS Pole Install/Removal	1	10.00	1.00	1,080.00	30.00	50.00	14.00	LD_Mix	MHDT	HHDT
34A Install Conductor CBGM	4	0.00	0.00	0.00	30.00	50.00	20.00	LD_Mix	MHDT	HHDT
34B Install Conductor CBGM	8	0.00	0.00	0.00	30.00	50.00	20.00	LD_Mix	MHDT	HHDT
34C Install Conductor CBGM	4	0.00	0.00	0.00	30.00	50.00	20.00	LD_Mix	MHDT	HHDT
34D Install Conductor CBGM	4	0.00	0.00	0.00	30.00	50.00	22.50	LD_Mix	MHDT	HHDT
34E Install Conductor CBGM	0	0.00	0.00	1,206.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
34F Install Conductor CBGM	8	160.00	12.00	6,984.00	30.00	50.00	23.00	LD_Mix	MHDT	HHDT
35 Install/Remove Guard Structures	3	10.00	4.00	485.00	30.00	50.00	14.00	LD_Mix	MHDT	HHDT
09A Install TSP Foundation/MP	0	0.00	0.00	1,128.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT



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09B Install TSP Foundation, MD	2	20.00	4.00	2,259.00	30.00	50.00	17.00	LD_Mix	MHDT	HHDT
13A Install TSP H-Frame, Foundations	0	0.00	0.00	1.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
13B Install TSP H-Frame, Foundations	1	10.00	4.00	8.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
10 TSP Haul MP	0	10.00	2.00	512.00	30.00	50.00	20.00	LD_Mix	MHDT	HHDT
11A TSP Assembly, MP	0	0.00	0.00	38.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
11B TSP Assembly, MP	1	10.00	4.00	384.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
12 TSP Erection, MP	2	10.00	2.00	384.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
14 TSP H-Frame Haul	1	10.00	0.00	2.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
15A TSP H-Frame Assembly	0	0.00	0.00	1.00	30.00	50.00	20.00	LD_Mix	MHDT	HHDT
15B TSP H-Frame Assembly	1	10.00	2.00	4.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
16A TSP H-Frame Erection	0	0.00	0.00	0.00	30.00	50.00	23.00	LD_Mix	MHDT	HHDT
16B TSP H-Frame Erection	1	10.00	4.00	4.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
36 Telecommunications, H	2	12.00	2.00	232.00	30.00	50.00	20.00	LD_Mix	MHDT	HHDT
37 Telecommunications, P	0	10.00	1.00	42.50	30.00	50.00	18.00	LD_Mix	MHDT	HHDT
38 Telecommunications, P	1	10.00	4.00	34.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
39 Telecommunications, P	1	10.00	1.00	85.00	30.00	50.00	14.00	LD_Mix	MHDT	HHDT
25 LWS H-Frame Haul	0	10.00	1.00	170.00	30.00	50.00	18.00	LD_Mix	MHDT	HHDT
26 LWS H-Frame Assembly	1	10.00	4.00	136.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
27A Install LWS H-Frame	0	0.00	0.00	56.00	30.00	50.00	10.00	LD_Mix	MHDT	HHDT
27B Install LWS H-Frame	1	10.00	1.00	272.00	30.00	50.00	15.00	LD_Mix	MHDT	HHDT
46 Restoration	3	14.00	2.00	716.00	30.00	50.00	20.00	LD_Mix	MHDT	HHDT

3.1 Mitigation Measures Construction

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- Use Cleaner Engines for Construction Equipment
- Use Soil Stabilizer
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads

**3.2 01 Survey - 2023**

**Unmitigated Construction On-Site**

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

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**3.2 01 Survey - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	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-003	0.0568	0.0314	4.0000e-004	7.8355	1.8000e-004	7.8357	0.7843	1.8000e-004	0.7845			37.9744	3.9000e-004		37.9842
Worker	0.0155	0.0102	0.0866	2.4000e-004	0.0275	1.8000e-004	0.0277	7.3200e-003	1.8000e-004	7.4800e-003			21.8704	7.1000e-004		21.8881
<b>Total</b>	<b>0.0221</b>	<b>0.0669</b>	<b>0.1180</b>	<b>6.4000e-004</b>	<b>7.8631</b>	<b>3.6000e-004</b>	<b>7.8634</b>	<b>0.7916</b>	<b>3.4000e-004</b>	<b>0.7920</b>			<b>59.8447</b>	<b>1.1000e-003</b>		<b>59.8724</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
<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>

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**3.2.01 Survey - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	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-003	0.0568	0.0314	4.0000e-004	0.4944	1.8000e-004	0.4945	0.0516	1.8000e-004	0.0518			37.9744	3.9000e-004		37.9842
Worker	0.0155	0.0102	0.0866	2.4000e-004	0.0275	1.8000e-004	0.0277	7.3200e-003	1.8000e-004	7.4600e-003			21.8704	7.1000e-004		21.8881
<b>Total</b>	<b>0.0221</b>	<b>0.0669</b>	<b>0.1180</b>	<b>6.4000e-004</b>	<b>0.5219</b>	<b>3.6000e-004</b>	<b>0.5223</b>	<b>0.0589</b>	<b>3.4000e-004</b>	<b>0.0592</b>			<b>59.8447</b>	<b>1.1000e-003</b>		<b>59.8724</b>

**3.2.01 Survey - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
<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>

SCE TLRR IC - Great Basin Valleys Air Basin, Annual

**3.2 01 Survey - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	9.0000e-004	8.1000e-003	4.0400e-003	6.0000e-005	1.1552	3.0000e-005	1.1553	0.1156	2.0000e-005	0.1157			5.5771	5.0000e-005		5.5783
Worker	2.1500e-003	1.3400e-003	0.0116	3.0000e-005	4.0600e-003	3.0000e-005	4.0900e-003	1.0600e-003	2.0000e-005	1.1000e-003			3.1005	9.0000e-005		3.1028
<b>Total</b>	<b>3.0500e-003</b>	<b>9.4400e-003</b>	<b>0.0157</b>	<b>9.0000e-005</b>	<b>1.1593</b>	<b>6.0000e-005</b>	<b>1.1594</b>	<b>0.1167</b>	<b>4.0000e-005</b>	<b>0.1168</b>			<b>8.6776</b>	<b>1.4000e-004</b>		<b>8.6812</b>

**Mitigated Construction On-Site**

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

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**3.2 01 Survey - 2024**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr				CO2e	
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4		N2O
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	9.0000e-004	8.1000e-003	4.0400e-003	6.0000e-005	0.0729	3.0000e-005	0.0729	7.6000e-003	2.0000e-005	7.6300e-003			5.5771	5.0000e-005		5.5783
Worker	2.1500e-003	1.3400e-003	0.0116	3.0000e-005	4.0600e-003	3.0000e-005	4.0900e-003	1.0600e-003	2.0000e-005	1.1000e-003			3.1005	9.0000e-005		3.1028
<b>Total</b>	<b>3.0500e-003</b>	<b>9.4400e-003</b>	<b>0.0157</b>	<b>9.0000e-005</b>	<b>0.0769</b>	<b>6.0000e-005</b>	<b>0.0770</b>	<b>8.6800e-003</b>	<b>4.0000e-005</b>	<b>8.7300e-003</b>			<b>8.6776</b>	<b>1.4000e-004</b>		<b>8.6812</b>

**3.3 02 Staging Yard - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr				CO2e	
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4		N2O
Fugitive Dust					1.7899	0.0000	1.7899	0.1933	0.0000	0.1933			0.0000	0.0000		0.0000
Off-Road	0.0265	0.2162	0.1464	5.9000e-004	8.2700e-003	8.2700e-003	8.2700e-003	7.6100e-003	7.6100e-003	7.6100e-003			51.7188	0.0167		52.1369
<b>Total</b>	<b>0.0265</b>	<b>0.2162</b>	<b>0.1464</b>	<b>5.9000e-004</b>	<b>1.7899</b>	<b>8.2700e-003</b>	<b>1.7892</b>	<b>0.1933</b>	<b>7.6100e-003</b>	<b>0.2009</b>			<b>51.7188</b>	<b>0.0167</b>		<b>52.1369</b>

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**3.3.02 Staging Yard - 2023**

**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	3.6700e-003	0.1290	0.0245	4.8000e-004	14.4414	2.4000e-004	14.4416	1.4440	2.3000e-004	1.4442			45.3482	4.5700e-003		45.3874
Vendor	3.3000e-003	0.0284	0.0157	2.0000e-004	3.9178	9.0000e-005	3.9179	0.3922	9.0000e-005	0.3922			18.9872	2.0000e-004		18.9921
Worker	0.0194	0.0127	0.1083	3.0000e-004	0.0344	2.2000e-004	0.0347	9.1500e-003	2.1000e-004	9.3600e-003			27.3379	9.9000e-004		27.3602
<b>Total</b>	<b>0.0284</b>	<b>0.1701</b>	<b>0.1485</b>	<b>9.8000e-004</b>	<b>18.3938</b>	<b>5.5000e-004</b>	<b>18.3941</b>	<b>1.8453</b>	<b>5.3000e-004</b>	<b>1.8458</b>			<b>91.6733</b>	<b>2.6800e-003</b>		<b>91.7397</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.6981	0.0000	0.6981	0.0754	0.0000	0.0754			0.0000	0.0000		0.0000
Off-Road	0.0265	0.2152	0.1464	5.9000e-004	8.2700e-003	8.2700e-003	8.2700e-003	7.6100e-003	7.6100e-003	7.6100e-003			51.7187	0.0167		52.1369
<b>Total</b>	<b>0.0265</b>	<b>0.2152</b>	<b>0.1464</b>	<b>5.9000e-004</b>	<b>0.6981</b>	<b>8.2700e-003</b>	<b>0.7063</b>	<b>0.0754</b>	<b>7.6100e-003</b>	<b>0.0830</b>			<b>51.7187</b>	<b>0.0167</b>		<b>52.1369</b>

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**3.3.02 Staging Yard - 2023**

**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			PM2.5 Total	Blc-CO2	NBlc-CO2	Total CO2	CH4	N2O	CO2e
					Fugitive PM10	Exhaust PM10	PM10 Total							
Hauling	3.6700e-003	0.1290	0.0245	4.8000e-004	0.9091	2.4000e-004	0.9094	0.0953			45.9482	1.5700e-003		45.9874
Vendor	3.3000e-003	0.0284	0.0157	2.0000e-004	0.2472	9.0000e-005	0.2473	0.0258			18.9872	2.0000e-004		18.9921
Worker	0.0194	0.0127	0.1083	3.0000e-004	0.0344	2.2000e-004	0.0347	9.1500e-003			27.3379	9.9000e-004		27.3602
<b>Total</b>	<b>0.0264</b>	<b>0.1701</b>	<b>0.1485</b>	<b>9.8000e-004</b>	<b>1.1907</b>	<b>5.5000e-004</b>	<b>1.1913</b>	<b>0.1283</b>			<b>91.6733</b>	<b>2.6800e-003</b>		<b>91.7397</b>

**3.3.02 Staging Yard - 2024**

**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			PM2.5 Total	Blc-CO2	NBlc-CO2	Total CO2	CH4	N2O	CO2e
					Fugitive PM10	Exhaust PM10	PM10 Total							
Fugitive Dust					1.7899	0.0000	1.7899	0.1933			0.0000	0.0000		0.0000
Off-Road	0.0264	0.2088	0.1477	5.9000e-004	7.9100e-003	7.9100e-003	7.9100e-003	7.2700e-003			52.0503	0.0168		52.4712
<b>Total</b>	<b>0.0264</b>	<b>0.2088</b>	<b>0.1477</b>	<b>5.9000e-004</b>	<b>1.7899</b>	<b>7.9100e-003</b>	<b>1.7978</b>	<b>0.1933</b>			<b>52.0503</b>	<b>0.0168</b>		<b>52.4712</b>



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**3.3.02 Staging Yard - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	3.6000e-003	0.1256	0.0244	4.8000e-004	14.4414	2.2000e-004	14.4416	1.4440	2.1000e-004	1.4442			45.3357	4.5100e-003		45.3733
Vendor	3.0800e-003	0.0276	0.0138	2.0000e-004	3.9429	9.0000e-005	3.9430	0.3947	8.0000e-005	0.3947			19.0349	1.7000e-004		19.0391
Worker	0.0184	0.0115	0.0891	2.9000e-004	0.0347	2.2000e-004	0.0349	9.2100e-003	2.0000e-004	9.4100e-003			26.4554	7.9000e-004		26.4751
<b>Total</b>	<b>0.0250</b>	<b>0.1647</b>	<b>0.1373</b>	<b>9.7000e-004</b>	<b>18.4189</b>	<b>5.3000e-004</b>	<b>18.4194</b>	<b>1.8478</b>	<b>4.9000e-004</b>	<b>1.8483</b>			<b>90.8260</b>	<b>2.4700e-003</b>		<b>90.8875</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.6981	0.0000	0.6981	0.0754	0.0000	0.0754			0.0000	0.0000		0.0000
Off-Road	0.0284	0.2088	0.1477	5.9000e-004	7.9100e-003	7.9100e-003	7.9100e-003	7.2700e-003	7.2700e-003	7.2700e-003			52.0502	0.0168		52.4711
<b>Total</b>	<b>0.0284</b>	<b>0.2088</b>	<b>0.1477</b>	<b>5.9000e-004</b>	<b>7.9100e-003</b>	<b>7.9100e-003</b>	<b>7.9100e-003</b>	<b>7.2700e-003</b>	<b>7.2700e-003</b>	<b>7.2700e-003</b>			<b>52.0502</b>	<b>0.0168</b>		<b>52.4711</b>

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**3.3.02 Staging Yard - 2024**

**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O	
Hauling	3.6000e-003	0.1256	0.0244	4.8000e-004	0.8092	2.2000e-004	0.9094	0.0953	2.1000e-004	0.0835	45.3357			4.5100e-003			45.3733
Vendor	3.0800e-003	0.0276	0.0138	2.0000e-004	0.2488	9.0000e-005	0.2489	0.0250	8.0000e-005	0.0260	19.0349			1.7000e-004			19.0391
Worker	0.0164	0.0115	0.0891	2.9000e-004	0.0347	2.2000e-004	0.0349	9.2100e-003	2.0000e-004	9.4100e-003	26.4554			7.9000e-004			26.4751
<b>Total</b>	<b>0.0250</b>	<b>0.1647</b>	<b>0.1373</b>	<b>9.7000e-004</b>	<b>1.1926</b>	<b>5.3000e-004</b>	<b>1.1931</b>	<b>0.1285</b>	<b>4.9000e-004</b>	<b>0.1290</b>	<b>90.8260</b>			<b>2.4700e-003</b>			<b>90.8875</b>

**3.3.02 Staging Yard - 2025**

**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O	
Fugitive Dust					1.7899	0.0000	1.7899	0.1933	0.0000	0.1933	0.0000			0.0000			0.0000
Off-Road	0.0259	0.2003	0.1476	5.9000e-004		7.4500e-003	7.4500e-003	6.8600e-003	6.8600e-003	6.8600e-003	51.8845			0.0168			52.3041
<b>Total</b>	<b>0.0259</b>	<b>0.2003</b>	<b>0.1476</b>	<b>5.9000e-004</b>	<b>1.7899</b>	<b>7.4500e-003</b>	<b>1.7974</b>	<b>0.1933</b>	<b>6.8600e-003</b>	<b>0.2001</b>	<b>51.8845</b>			<b>0.0168</b>			<b>52.3041</b>

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**3.3.02 Staging Yard - 2025**

**Unmitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e			
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4		N2O		
Hauling	3.5100e-003	0.1219	0.0242	4.7000e-004	14.4414	2.1000e-004	14.4416	1.4440	2.0000e-004	1.4442	44.8819			44.8819	1.4400e-003			44.9179
Vendor	2.8700e-003	0.0288	0.0123	2.0000e-004	3.9303	8.0000e-005	3.9304	0.3934	8.0000e-005	0.3935	18.9067			18.9067	1.5000e-004			18.9104
Worker	0.0172	0.0103	0.0907	2.8000e-004	0.0345	2.1000e-004	0.0348	9.1800e-003	1.9000e-004	9.3700e-003	25.3288			25.3288	7.0000e-004			25.3474
<b>Total</b>	<b>0.0235</b>	<b>0.1590</b>	<b>0.1271</b>	<b>9.5000e-004</b>	<b>18.4062</b>	<b>5.0000e-004</b>	<b>18.4067</b>	<b>1.8465</b>	<b>4.7000e-004</b>	<b>1.8470</b>	<b>89.1184</b>			<b>89.1184</b>	<b>2.2800e-003</b>			<b>89.1756</b>

**Mitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e			
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4		N2O		
Fugitive Dust Off-Road	0.0259	0.2003	0.1476	5.9000e-004	0.6981	0.0000	0.6981	0.0754	0.0000	0.0754	0.0000			0.0000	0.0000			0.0000
<b>Total</b>	<b>0.0259</b>	<b>0.2003</b>	<b>0.1476</b>	<b>5.9000e-004</b>	<b>0.6981</b>	<b>0.0000</b>	<b>0.6981</b>	<b>0.0754</b>	<b>0.0000</b>	<b>0.0754</b>	<b>51.8845</b>			<b>51.8845</b>	<b>0.0168</b>			<b>52.3040</b>

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**3.3.02 Staging Yard - 2025**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	3.5100e-003	0.1219	0.0242	4.7000e-004	0.9091	2.1000e-004	0.9094	0.0953	2.0000e-004	0.0955			44.8819	1.4400e-003		44.9179
Vendor	2.8700e-003	0.0288	0.0123	2.0000e-004	0.2480	8.0000e-005	0.2481	0.0259	8.0000e-005	0.0260			18.9067	1.5000e-004		18.9104
Worker	0.0172	0.0103	0.0907	2.8000e-004	0.0345	2.1000e-004	0.0348	9.1800e-003	1.9000e-004	9.3700e-003			25.3288	7.0000e-004		25.3474
<b>Total</b>	<b>0.0235</b>	<b>0.1590</b>	<b>0.1271</b>	<b>9.5000e-004</b>	<b>1.1917</b>	<b>5.0000e-004</b>	<b>1.1922</b>	<b>0.1284</b>	<b>4.7000e-004</b>	<b>0.1288</b>			<b>89.1184</b>	<b>2.2800e-003</b>		<b>89.1756</b>

**3.3.02 Staging Yard - 2026**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					1.7899	0.0000	1.7899	0.1933	0.0000	0.1933			0.0000	0.0000		0.0000
Off-Road	7.2900e-003	0.0563	0.0415	1.7000e-004	2.1000e-003	2.1000e-003	2.1000e-003	1.9300e-003	1.9300e-003	1.9300e-003			14.5873	4.7200e-003		14.7053
<b>Total</b>	<b>7.2900e-003</b>	<b>0.0563</b>	<b>0.0415</b>	<b>1.7000e-004</b>	<b>1.7899</b>	<b>2.1000e-003</b>	<b>1.7920</b>	<b>0.1933</b>	<b>1.9300e-003</b>	<b>0.1952</b>			<b>14.5873</b>	<b>4.7200e-003</b>		<b>14.7053</b>

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**3.3.02 Staging Yard - 2026**

**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	9.7000e-04	0.0384	6.7900e-003	1.3000e-004	14.4397	6.0000e-005	14.4397	1.4433	5.0000e-005	1.4434			12.5465	3.9000e-004		12.5562
Vendor	7.6000e-04	7.3500e-003	3.1200e-003	6.0000e-005	1.1050	2.0000e-005	1.1050	0.1106	2.0000e-005	0.1106			5.2977	4.0000e-005		5.2986
Worker	4.5500e-003	2.6400e-003	0.0236	8.0000e-005	9.7100e-003	6.0000e-005	9.7700e-003	2.5800e-003	5.0000e-005	2.6300e-003			6.8642	1.8000e-004		6.8686
<b>Total</b>	<b>6.2800e-003</b>	<b>0.0434</b>	<b>0.0335</b>	<b>2.7000e-004</b>	<b>15.5544</b>	<b>1.4000e-004</b>	<b>15.5545</b>	<b>1.5565</b>	<b>1.2000e-004</b>	<b>1.5567</b>			<b>24.7084</b>	<b>6.1000e-004</b>		<b>24.7235</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.6981	0.0000	0.6981	0.0754	0.0000	0.0754			0.0000	0.0000		0.0000
Off-Road	7.2900e-003	0.0563	0.0415	1.7000e-004	2.1000e-003	2.1000e-003	2.1000e-003	1.9300e-003	1.9300e-003	1.9300e-003			14.5873	4.7200e-003		14.7053
<b>Total</b>	<b>7.2900e-003</b>	<b>0.0563</b>	<b>0.0415</b>	<b>1.7000e-004</b>	<b>0.6981</b>	<b>2.1000e-003</b>	<b>0.7002</b>	<b>0.0754</b>	<b>1.9300e-003</b>	<b>0.0773</b>			<b>14.5873</b>	<b>4.7200e-003</b>		<b>14.7053</b>

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**3.3.02 Staging Yard - 2026**

**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			PM2.5 Total	Blc-CO2	NBlc-CO2	Total CO2	CH4	N2O	CO2e
					Fugitive PM10	Exhaust PM10	PM10 Total							
Hauling	9.7000e-04	0.0384	6.7900e-003	1.3000e-004	0.8074	6.0000e-005	0.9075	0.0927			12.5465	3.9000e-004		12.5562
Vendor	7.6000e-04	7.3500e-003	3.1200e-003	6.0000e-005	0.0697	2.0000e-005	0.0697	7.2900e-003			5.2977	4.0000e-005		5.2986
Worker	4.5500e-003	2.6400e-003	0.0236	8.0000e-005	9.7100e-003	6.0000e-005	9.7700e-003	2.6300e-003			6.8642	1.8000e-004		6.8686
<b>Total</b>	<b>6.2800e-003</b>	<b>0.0434</b>	<b>0.0335</b>	<b>2.7000e-004</b>	<b>0.8869</b>	<b>1.4000e-004</b>	<b>0.9870</b>	<b>0.1025</b>			<b>24.7084</b>	<b>6.1000e-004</b>		<b>24.7235</b>

**3.4.03A Road Work - 2023**

**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			PM2.5 Total	Blc-CO2	NBlc-CO2	Total CO2	CH4	N2O	CO2e
					Fugitive PM10	Exhaust PM10	PM10 Total							
Fugitive Dust					0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	3.0000e-003	0.0220	0.0259	1.2000e-004		7.4000e-004	7.4000e-004	6.8000e-004			10.4992	3.4000e-003		10.5841
<b>Total</b>	<b>3.0000e-003</b>	<b>0.0220</b>	<b>0.0259</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>7.4000e-004</b>	<b>7.4000e-004</b>	<b>6.8000e-004</b>			<b>10.4992</b>	<b>3.4000e-003</b>		<b>10.5841</b>

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**3.4.03A Road Work - 2023**

**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.1000e-004	3.3400e-003	7.4000e-004	2.0000e-005	0.2109	1.0000e-005	0.2109	0.0211	1.0000e-005	0.0211			1.4805	3.0000e-005		1.4813
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>1.1000e-004</b>	<b>3.3400e-003</b>	<b>7.4000e-004</b>	<b>2.0000e-005</b>	<b>0.2109</b>	<b>1.0000e-005</b>	<b>0.2109</b>	<b>0.0211</b>	<b>1.0000e-005</b>	<b>0.0211</b>			<b>1.4805</b>	<b>3.0000e-005</b>		<b>1.4813</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	3.0000e-003	0.0220	0.0259	1.2000e-004	7.4000e-004	7.4000e-004	7.4000e-004	6.8000e-004	6.8000e-004	6.8000e-004			10.4992	3.4000e-003		10.5841
<b>Total</b>	<b>3.0000e-003</b>	<b>0.0220</b>	<b>0.0259</b>	<b>1.2000e-004</b>	<b>7.4000e-004</b>	<b>7.4000e-004</b>	<b>7.4000e-004</b>	<b>6.8000e-004</b>	<b>6.8000e-004</b>	<b>6.8000e-004</b>			<b>10.4992</b>	<b>3.4000e-003</b>		<b>10.5841</b>

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**3.4.03A Road Work - 2023**

**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.1000e-004	3.3400e-003	7.4000e-004	2.0000e-005	0.0133	1.0000e-005	0.0133	1.3700e-003	1.0000e-005	1.3700e-003			1.4805	3.0000e-005		1.4813
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>1.1000e-004</b>	<b>3.3400e-003</b>	<b>7.4000e-004</b>	<b>2.0000e-005</b>	<b>0.0133</b>	<b>1.0000e-005</b>	<b>0.0133</b>	<b>1.3700e-003</b>	<b>1.0000e-005</b>	<b>1.3700e-003</b>			<b>1.4805</b>	<b>3.0000e-005</b>		<b>1.4813</b>

**3.5.03B Road Work - 2023**

**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.0304	0.2711	0.2020	7.6000e-004	0.0102	0.0102	0.0102	9.4000e-003	9.4000e-003	9.4000e-003			66.4592	0.0215		66.9965
<b>Total</b>	<b>0.0304</b>	<b>0.2711</b>	<b>0.2020</b>	<b>7.6000e-004</b>	<b>0.0102</b>	<b>0.0102</b>	<b>0.0102</b>	<b>9.4000e-003</b>	<b>9.4000e-003</b>	<b>9.4000e-003</b>			<b>66.4592</b>	<b>0.0215</b>		<b>66.9965</b>



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**3.5 03B Road Work - 2023**

**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.9000e-04	6.9100e-03	1.2300e-03	2.0000e-05	0.5306	1.0000e-05	0.5306	0.0530	1.0000e-05	0.0530			2.1731	8.0000e-05		2.1754
Vendor	9.3000e-04	8.5500e-03	4.7300e-03	6.0000e-05	1.1804	3.0000e-05	1.1804	0.1182	3.0000e-05	0.1182			5.7205	6.0000e-05		5.7220
Worker	3.5700e-03	2.3000e-03	0.0196	5.0000e-05	6.2200e-03	4.0000e-05	6.2800e-03	1.6500e-03	4.0000e-05	1.6500e-03			4.9419	1.6000e-04		4.9459
<b>Total</b>	<b>4.6900e-03</b>	<b>0.0178</b>	<b>0.0255</b>	<b>1.3000e-04</b>	<b>1.7171</b>	<b>8.0000e-05</b>	<b>1.7172</b>	<b>0.1728</b>	<b>8.0000e-05</b>	<b>0.1728</b>			<b>12.8354</b>	<b>3.1000e-04</b>		<b>12.8432</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0304	0.2711	0.2020	7.6000e-04	0.0000	0.0102	0.0102	0.0000	0.0000	0.0000			66.4591	0.0215		66.5965
<b>Total</b>	<b>0.0304</b>	<b>0.2711</b>	<b>0.2020</b>	<b>7.6000e-04</b>	<b>0.0000</b>	<b>0.0102</b>	<b>0.0102</b>	<b>0.0000</b>	<b>9.4000e-03</b>	<b>9.4000e-03</b>			<b>66.4591</b>	<b>0.0215</b>		<b>66.5965</b>

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**3.5 03B Road Work - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.9000e-04	6.9100e-03	1.2300e-03	2.0000e-05	0.0329	1.0000e-05	0.0329	3.3000e-03	1.0000e-05	3.3100e-03			2.1731	8.0000e-05		2.1754
Vendor	9.9000e-04	8.5500e-03	4.7300e-03	6.0000e-05	0.0745	3.0000e-05	0.0745	7.7700e-03	3.0000e-05	7.8000e-03			5.7205	6.0000e-05		5.7220
Worker	3.5700e-03	2.3000e-03	0.0196	5.0000e-05	6.2200e-03	4.0000e-05	6.2800e-03	1.6500e-03	4.0000e-05	1.6900e-03			4.9419	1.6000e-04		4.9459
<b>Total</b>	<b>4.6900e-03</b>	<b>0.0178</b>	<b>0.0255</b>	<b>1.3000e-04</b>	<b>0.1136</b>	<b>8.0000e-05</b>	<b>0.1137</b>	<b>0.0127</b>	<b>8.0000e-05</b>	<b>0.0128</b>			<b>12.8354</b>	<b>3.1000e-04</b>		<b>12.8432</b>

**3.6 04 Wet Crossing Installation - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0245	0.2276	0.2482	8.2000e-04	0.0000	7.8900e-03	7.8900e-03	7.2600e-03	7.2600e-03	7.2600e-03			71.6118	0.0232		72.1908
<b>Total</b>	<b>0.0245</b>	<b>0.2276</b>	<b>0.2482</b>	<b>8.2000e-04</b>	<b>0.0000</b>	<b>7.8900e-03</b>	<b>7.8900e-03</b>	<b>7.2600e-03</b>	<b>7.2600e-03</b>	<b>7.2600e-03</b>			<b>71.6118</b>	<b>0.0232</b>		<b>72.1908</b>

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**3.6.04 Wet Crossing Installation - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.2700e-003	0.0430	8.5200e-003	1.7000e-004	2.3046	9.0000e-005	2.3047	0.2304	8.0000e-005	0.2305			16.0959	4.9000e-004		16.1082
Vendor	6.5000e-004	7.2800e-003	4.0300e-003	5.0000e-005	1.0046	2.0000e-005	1.0046	0.1006	2.0000e-005	0.1006			4.8685	5.0000e-005		4.8698
Worker	5.9700e-003	3.9100e-003	0.0333	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8200e-003	6.0000e-005	2.8600e-003			8.4117	2.7000e-004		8.4185
<b>Total</b>	<b>8.0900e-003</b>	<b>0.0542</b>	<b>0.0459</b>	<b>3.1000e-004</b>	<b>3.3197</b>	<b>1.8000e-004</b>	<b>3.3199</b>	<b>0.3338</b>	<b>1.8000e-004</b>	<b>0.3339</b>			<b>29.3761</b>	<b>8.1000e-004</b>		<b>29.3965</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0245	0.2276	0.2482	8.2000e-004	0.0000	7.8900e-003	7.8900e-003	7.2600e-003	7.2600e-003	7.2600e-003			71.6117	0.0232		72.1907
<b>Total</b>	<b>0.0245</b>	<b>0.2276</b>	<b>0.2482</b>	<b>8.2000e-004</b>	<b>0.0000</b>	<b>7.8900e-003</b>	<b>7.8900e-003</b>	<b>0.0000</b>	<b>7.2600e-003</b>	<b>7.2600e-003</b>			<b>71.6117</b>	<b>0.0232</b>		<b>72.1907</b>

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**3.6 04 Wet Crossing Installation - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBlc- CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.2700e-003	0.0430	8.5200e-003	1.7000e-004	0.1446	9.0000e-005	0.1447	0.0148	8.0000e-005	0.0149			16.0959	4.9000e-004		16.1082
Vendor	6.5000e-004	7.2800e-003	4.0300e-003	5.0000e-005	0.0634	2.0000e-005	0.0634	6.6100e-003	2.0000e-005	6.6300e-003			4.8685	5.0000e-005		4.8698
Worker	5.9700e-003	3.9100e-003	0.0333	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8200e-003	6.0000e-005	2.8800e-003			8.4117	2.7000e-004		8.4185
<b>Total</b>	<b>8.0900e-003</b>	<b>0.0542</b>	<b>0.0459</b>	<b>3.1000e-004</b>	<b>0.2185</b>	<b>1.8000e-004</b>	<b>0.2187</b>	<b>0.0243</b>	<b>1.8000e-004</b>	<b>0.0244</b>			<b>29.3761</b>	<b>8.1000e-004</b>		<b>29.3965</b>

**3.7 05A Install TSP Foundations - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBlc- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
<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>

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**3.7 05A Install TSP Foundations - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	6.1400e-003	0.2287	0.0406	7.6000e-004	8.1427	3.6000e-004	8.1431	0.8143	3.4000e-004	0.8147			71.9495	3.0700e-003		72.0283
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>6.1400e-003</b>	<b>0.2287</b>	<b>0.0406</b>	<b>7.6000e-004</b>	<b>8.1427</b>	<b>3.6000e-004</b>	<b>8.1431</b>	<b>0.8143</b>	<b>3.4000e-004</b>	<b>0.8147</b>			<b>71.9495</b>	<b>3.0700e-003</b>		<b>72.0283</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
<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>

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**3.7 05A Install TSP Foundations - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Hauling	6.1400e-003	0.2287	0.0406	7.6000e-004	0.5121	3.6000e-004	0.5125	0.0527	3.4000e-004	0.0531			71.9495	3.0700e-003		72.0283
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>6.1400e-003</b>	<b>0.2287</b>	<b>0.0406</b>	<b>7.6000e-004</b>	<b>0.5121</b>	<b>3.6000e-004</b>	<b>0.5125</b>	<b>0.0527</b>	<b>3.4000e-004</b>	<b>0.0531</b>			<b>71.9495</b>	<b>3.0700e-003</b>		<b>72.0283</b>

**3.7 05A Install TSP Foundations - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
<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>

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**3.7 05A Install TSP Foundations - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.5000e-004	9.3300e-003	1.6800e-003	3.0000e-005	8.1395	1.0000e-005	8.1395	0.8132	1.0000e-005	0.8132			3.0010	4.2000e-004		3.0041
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>2.5000e-004</b>	<b>9.3300e-003</b>	<b>1.6800e-003</b>	<b>3.0000e-005</b>	<b>8.1395</b>	<b>1.0000e-005</b>	<b>8.1395</b>	<b>0.8132</b>	<b>1.0000e-005</b>	<b>0.8132</b>			<b>3.0010</b>	<b>4.2000e-004</b>		<b>3.0041</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
<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>

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**3.7 05A Install TSP Foundations - 2024**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.5000e-004	9.3300e-003	1.6800e-003	3.0000e-005	0.5089	1.0000e-005	0.5089	0.0516	1.0000e-005	0.0516			3.0010	4.2000e-004		3.0041
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>2.5000e-004</b>	<b>9.3300e-003</b>	<b>1.6800e-003</b>	<b>3.0000e-005</b>	<b>0.5089</b>	<b>1.0000e-005</b>	<b>0.5089</b>	<b>0.0516</b>	<b>1.0000e-005</b>	<b>0.0516</b>			<b>3.0010</b>	<b>4.2000e-004</b>		<b>3.0041</b>

**3.8 05B Install TSP Foundations - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.1445	1.3573	0.9815	4.1500e-003	0.0000	0.0482	0.0482	0.0000	0.0453	0.0453			364.3019	0.1178		367.2474
<b>Total</b>	<b>0.1445</b>	<b>1.3573</b>	<b>0.9815</b>	<b>4.1500e-003</b>	<b>0.0000</b>	<b>0.0482</b>	<b>0.0482</b>	<b>0.0000</b>	<b>0.0453</b>	<b>0.0453</b>			<b>364.3019</b>	<b>0.1178</b>		<b>367.2474</b>



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**3.8 05B Install TSP Foundations - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	8.2800e-003	0.2812	0.0557	1.1100e-003	23.2639	5.6000e-004	23.2645	2.3247	5.4000e-004	2.3252			105.2835	3.2000e-003		105.3636
Vendor	0.0222	0.1907	0.1055	1.3600e-003	26.3183	6.2000e-004	26.3199	2.6344	5.9000e-004	2.6350			127.5550	1.3200e-003		127.5860
Worker	0.0652	0.0427	0.3637	1.0200e-003	0.1156	7.5000e-004	0.1164	0.0307	6.9000e-004	0.0314			91.8274	2.9000e-003		91.9321
<b>Total</b>	<b>0.0957</b>	<b>0.5145</b>	<b>0.5248</b>	<b>3.4900e-003</b>	<b>49.6889</b>	<b>1.3300e-003</b>	<b>49.7008</b>	<b>4.9888</b>	<b>1.8200e-003</b>	<b>4.9917</b>			<b>324.6659</b>	<b>7.5100e-003</b>		<b>324.8537</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.1445	1.3573	0.9815	4.1500e-003	0.0000	0.0492	0.0492	0.0000	0.0453	0.0453			364.3014	0.1178		367.2470
<b>Total</b>	<b>0.1445</b>	<b>1.3573</b>	<b>0.9815</b>	<b>4.1500e-003</b>	<b>0.0000</b>	<b>0.0492</b>	<b>0.0492</b>	<b>0.0000</b>	<b>0.0453</b>	<b>0.0453</b>			<b>364.3014</b>	<b>0.1178</b>		<b>367.2470</b>

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**3.8 05B Install TSP Foundations - 2023**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e			
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O
Hauling	8.2800e-003	0.2812	0.0557	1.1100e-003	1.4539	5.6000e-004	1.4545	0.1478	5.4000e-004	0.1484	105.2835		3.2000e-003			105.3636
Vendor	0.0222	0.1907	0.1055	1.3600e-003	1.6605	6.2000e-004	1.6611	0.1732	5.9000e-004	0.1738	127.5550		1.3200e-003			127.5860
Worker	0.0552	0.0427	0.3637	1.0200e-003	0.1156	7.5000e-004	0.1164	0.0307	6.9000e-004	0.0314	91.8274		2.9000e-003			91.9321
<b>Total</b>	<b>0.0957</b>	<b>0.5145</b>	<b>0.5248</b>	<b>3.4900e-003</b>	<b>3.2301</b>	<b>1.9300e-003</b>	<b>3.2320</b>	<b>0.3518</b>	<b>1.8200e-003</b>	<b>0.3536</b>	<b>324.6659</b>		<b>7.5100e-003</b>			<b>324.8537</b>

**3.8 05B Install TSP Foundations - 2024**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e			
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O
Fugitive Dust Off-Road	0.0558	0.4963	0.3632	1.6200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	141.8765		0.0459			143.0237
<b>Total</b>	<b>0.0558</b>	<b>0.4963</b>	<b>0.3632</b>	<b>1.6200e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>141.8765</b>		<b>0.0459</b>			<b>143.0237</b>

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**3.8 05B Install TSP Foundations - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	3.1400e-003	0.1067	0.0214	4.3000e-004	23.2604	2.0000e-004	23.2606	2.3234	1.9000e-004	2.3236			40.7137	1.1900e-003		40.7434
Vendor	7.9600e-003	0.0718	0.0359	5.3000e-004	10.2464	2.3000e-004	10.2467	1.0256	2.2000e-004	1.0258			49.4665	4.4000e-004		49.4774
Worker	0.0239	0.0149	0.1288	3.8000e-004	0.0450	2.8000e-004	0.0453	0.0120	2.6000e-004	0.0122			34.3751	1.0300e-003		34.4008
<b>Total</b>	<b>0.0350</b>	<b>0.1924</b>	<b>0.1861</b>	<b>1.3400e-003</b>	<b>33.5519</b>	<b>7.1000e-004</b>	<b>33.5526</b>	<b>3.3610</b>	<b>6.7000e-004</b>	<b>3.3617</b>			<b>124.5552</b>	<b>2.6800e-003</b>		<b>124.6216</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.0558	0.4963	0.3632	1.6200e-003	0.0181	0.0181	0.0181	0.0167	0.0167	0.0167			141.8764	0.0459		143.0235
<b>Total</b>	<b>0.0558</b>	<b>0.4963</b>	<b>0.3632</b>	<b>1.6200e-003</b>	<b>0.0000</b>	<b>0.0181</b>	<b>0.0181</b>	<b>0.0000</b>	<b>0.0167</b>	<b>0.0167</b>			<b>141.8764</b>	<b>0.0459</b>		<b>143.0235</b>

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**3.8 05B Install TSP Foundations - 2024**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2		Total CO2	CH4	N2O	
Hauling	3.1400e-003	0.1067	0.0214	4.3000e-004	1.4504	2.0000e-004	1.4506	0.1466	1.9000e-004	0.1468	40.7137			1.1900e-003			40.7434
Vendor	7.9600e-003	0.0718	0.0359	5.3000e-004	0.6465	2.3000e-004	0.6467	0.0674	2.2000e-004	0.0677	49.4665			4.4000e-004			49.4774
Worker	0.0239	0.0149	0.1288	3.8000e-004	0.0450	2.8000e-004	0.0453	0.0120	2.6000e-004	0.0122	34.3751			1.0300e-003			34.4008
<b>Total</b>	<b>0.0350</b>	<b>0.1924</b>	<b>0.1861</b>	<b>1.3400e-003</b>	<b>2.1419</b>	<b>7.1000e-004</b>	<b>2.1426</b>	<b>0.2280</b>	<b>6.7000e-004</b>	<b>0.2266</b>	<b>124.6552</b>			<b>2.6800e-003</b>			<b>124.6216</b>

**3.9 06 TSP Haul - 2023**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2		Total CO2	CH4	N2O	
Fugitive Dust Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
<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>

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**3.9.06 TSP Haul - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.1300e-003	0.0702	0.0144	2.9000e-004	2.8347	1.5000e-004	2.8348	0.2837	1.4000e-004	0.2839			27.6618	7.5000e-004		27.6607
Vendor	3.8500e-003	0.0331	0.0183	2.4000e-004	4.5707	1.1000e-004	4.5708	0.4575	1.0000e-004	0.4576			22.1517	2.3000e-004		22.1575
Worker	0.0113	7.4100e-003	0.0632	1.8000e-004	0.0201	1.3000e-004	0.0202	5.3400e-003	1.2000e-004	5.4600e-003			15.9471	5.2000e-004		15.9601
<b>Total</b>	<b>0.0173</b>	<b>0.1107</b>	<b>0.0959</b>	<b>7.1000e-004</b>	<b>7.4255</b>	<b>3.9000e-004</b>	<b>7.4259</b>	<b>0.7466</b>	<b>3.9000e-004</b>	<b>0.7470</b>			<b>65.7607</b>	<b>1.5000e-003</b>		<b>65.7982</b>

**Mitigated Construction On-Site**

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

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**3.9.06 TSP Haul - 2023**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
tons/yr																
Hauling	2.1300e-003	0.0702	0.0144	2.9000e-004	0.1796	1.5000e-004	0.1798	0.0187	1.4000e-004	0.0189			27.6618	7.5000e-004		27.6807
Vendor	3.8500e-003	0.0331	0.0183	2.4000e-004	0.2884	1.1000e-004	0.2885	0.0301	1.0000e-004	0.0302			22.1517	2.3000e-004		22.1575
Worker	0.0113	7.4100e-003	0.0632	1.8000e-004	0.0201	1.3000e-004	0.0202	5.3400e-003	1.2000e-004	5.4600e-003			15.9471	5.2000e-004		15.9601
<b>Total</b>	<b>0.0173</b>	<b>0.1107</b>	<b>0.0959</b>	<b>7.1000e-004</b>	<b>0.4881</b>	<b>3.9000e-004</b>	<b>0.4885</b>	<b>0.0542</b>	<b>3.8000e-004</b>	<b>0.0545</b>			<b>65.7607</b>	<b>1.5000e-003</b>		<b>65.7982</b>
MT/yr																

**3.10.07 TSP Assembly - 2023**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
tons/yr																
Fugitive Dust Off-Road	0.0537	0.3648	0.5071	8.3000e-004	0.0000	0.0198	0.0198	0.0000	0.0198	0.0198			71.4911	4.2800e-003		71.5980
<b>Total</b>	<b>0.0537</b>	<b>0.3648</b>	<b>0.5071</b>	<b>8.3000e-004</b>	<b>0.0000</b>	<b>0.0198</b>	<b>0.0198</b>	<b>0.0000</b>	<b>0.0198</b>	<b>0.0198</b>			<b>71.4911</b>	<b>4.2800e-003</b>		<b>71.5980</b>
MT/yr																

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**3.10 07 TSP Assembly - 2023**

**Unmitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O	
Hauling	2.8700e-003	0.1068	0.0190	3.5000e-004	5.9287	1.7000e-004	5.9289	0.5923	1.8000e-004	0.5924	33.6129			1.4400e-003			33.6488
Vendor	0.0308	0.2649	0.1466	1.8900e-003	36.5657	8.6000e-004	36.5666	3.6600	8.2000e-004	3.6609	177.2138			1.8400e-003			177.2597
Worker	0.0453	0.0296	0.2527	7.1000e-004	0.0803	5.2000e-004	0.0809	0.0214	4.8000e-004	0.0218	63.7865			2.0700e-003			63.8404
<b>Total</b>	<b>0.0790</b>	<b>0.4014</b>	<b>0.4182</b>	<b>2.9500e-003</b>	<b>42.5748</b>	<b>1.5500e-003</b>	<b>42.5764</b>	<b>4.2736</b>	<b>1.4600e-003</b>	<b>4.2751</b>	<b>274.6163</b>			<b>5.3500e-003</b>			<b>274.7489</b>

**Mitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O	
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0537	0.3648	0.5071	8.3000e-004		0.0198	0.0198		0.0198	0.0198	71.4910			4.2800e-003			71.5980
<b>Total</b>	<b>0.0537</b>	<b>0.3648</b>	<b>0.5071</b>	<b>8.3000e-004</b>	<b>0.0000</b>	<b>0.0198</b>	<b>0.0198</b>	<b>0.0000</b>	<b>0.0198</b>	<b>0.0198</b>	<b>71.4910</b>			<b>4.2800e-003</b>			<b>71.5980</b>

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**3.10 07 TSP Assembly - 2023**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O	
Hauling	2.8700e-003	0.1068	0.0190	3.5000e-004	0.3693	1.7000e-004	0.3695	0.0374	1.8000e-004	0.0375	33.6129			1.4400e-003			33.6488
Vendor	0.0308	0.2649	0.1466	1.8900e-003	2.3070	8.6000e-004	2.3078	0.2407	8.2000e-004	0.2415	177.2138			1.8400e-003			177.2597
Worker	0.0453	0.0296	0.2527	7.1000e-004	0.0803	5.2000e-004	0.0809	0.0214	4.8000e-004	0.0218	63.7885			2.0700e-003			63.8404
<b>Total</b>	<b>0.0790</b>	<b>0.4014</b>	<b>0.4182</b>	<b>2.9500e-003</b>	<b>2.7566</b>	<b>1.6500e-003</b>	<b>2.7582</b>	<b>0.2994</b>	<b>1.4600e-003</b>	<b>0.3009</b>	<b>274.6163</b>			<b>5.3500e-003</b>			<b>274.7489</b>

**3.11 08 TSP Erection - 2023**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O	
Fugitive Dust Off-Road	0.1884	1.7962	1.6531	3.6100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.1884</b>	<b>1.7962</b>	<b>1.6531</b>	<b>3.6100e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>			<b>0.0000</b>			<b>317.8645</b>



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**3.11 08 TSP Erection - 2023**

**Unmitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr				MT/yr				CO2e			
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2		Total CO2	CH4	N2O
Hauling	1.4400e-003	0.0584	9.4900e-003	1.8000e-004	4.1033	8.0000e-005	4.1034	0.4087	8.0000e-005	0.4098			16.8065	7.2000e-004		16.8244
Vendor	0.0154	0.1324	0.0733	9.4000e-004	18.2829	4.3000e-004	18.2833	1.8300	4.1000e-004	1.8304			88.6069	9.2000e-004		88.6298
Worker	0.0453	0.0296	0.2527	7.1000e-004	0.0803	5.2000e-004	0.0809	0.0214	4.8000e-004	0.0218			63.7885	2.0700e-003		63.8404
<b>Total</b>	<b>0.0621</b>	<b>0.2165</b>	<b>0.3355</b>	<b>1.8300e-003</b>	<b>22.4665</b>	<b>1.0300e-003</b>	<b>22.4676</b>	<b>2.2611</b>	<b>9.7000e-004</b>	<b>2.2620</b>			<b>169.2019</b>	<b>3.7100e-003</b>		<b>169.2946</b>

**Mitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr				MT/yr				CO2e			
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2		Total CO2	CH4	N2O
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.1884	1.7962	1.6531	3.6100e-003	0.0777	0.0777	0.0777	0.0731	0.0731	0.0731			315.7820	0.0833		317.8641
<b>Total</b>	<b>0.1884</b>	<b>1.7962</b>	<b>1.6531</b>	<b>3.6100e-003</b>	<b>0.0000</b>	<b>0.0777</b>	<b>0.0777</b>	<b>0.0000</b>	<b>0.0731</b>	<b>0.0731</b>			<b>315.7820</b>	<b>0.0833</b>		<b>317.8641</b>

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**3.11 08 TSP Erection - 2023**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e		
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4		N2O	
Hauling	1.400e-003	0.0584	9.4900e-003	1.8000e-004	0.2545	8.0000e-005	0.2546	0.0256	8.0000e-005	0.0256	16.8065			7.2000e-004			16.8244
Vendor	0.0154	0.1324	0.0733	9.4000e-004	1.1535	4.3000e-004	1.1539	0.1203	4.1000e-004	0.1208	88.6069			9.2000e-004			88.6298
Worker	0.0453	0.0286	0.2527	7.1000e-004	0.0803	5.2000e-004	0.0809	0.0214	4.8000e-004	0.0218	63.7885			2.0700e-003			63.8404
<b>Total</b>	<b>0.0621</b>	<b>0.2165</b>	<b>0.3355</b>	<b>1.8300e-003</b>	<b>1.4883</b>	<b>1.0300e-003</b>	<b>1.4893</b>	<b>0.1672</b>	<b>9.7000e-004</b>	<b>0.1682</b>	<b>169.2019</b>			<b>3.7100e-003</b>			<b>169.2946</b>

**3.12 17 Existing H-Frame/ MP Removal - 2023**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e		
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4		N2O	
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	5.9000e-003	0.0401	0.0557	9.0000e-005	2.1800e-003	2.1800e-003	2.1800e-003	2.1800e-003	2.1800e-003	2.1800e-003	7.8562			4.7000e-004			7.8679
<b>Total</b>	<b>5.9000e-003</b>	<b>0.0401</b>	<b>0.0557</b>	<b>9.0000e-005</b>	<b>2.1800e-003</b>	<b>2.1800e-003</b>	<b>2.1800e-003</b>	<b>0.0000</b>	<b>2.1800e-003</b>	<b>2.1800e-003</b>	<b>7.8562</b>			<b>4.7000e-004</b>			<b>7.8679</b>

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**3.12 17 Existing H-Frame/ MP Removal - 2023  
Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	9.4000e-04	0.0326	6.3000e-003	1.2000e-004	1.3741	6.0000e-005	1.3741	0.1375	6.0000e-005	0.1375			11.7340	3.9000e-004		11.7437
Vendor	2.0300e-003	0.0175	9.6700e-003	1.2000e-004	2.4109	6.0000e-005	2.4110	0.2413	5.0000e-005	0.2414			11.6844	1.2000e-004		11.6875
Worker	5.9700e-003	3.9100e-003	0.0333	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8200e-003	6.0000e-005	2.8600e-003			8.4117	2.7000e-004		8.4185
<b>Total</b>	<b>8.9400e-003</b>	<b>0.0540</b>	<b>0.0493</b>	<b>3.3000e-004</b>	<b>3.7956</b>	<b>1.9000e-004</b>	<b>3.7958</b>	<b>0.3816</b>	<b>1.7000e-004</b>	<b>0.3818</b>			<b>31.8301</b>	<b>7.8000e-004</b>		<b>31.8497</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	5.9000e-003	0.0401	0.0557	9.0000e-005	2.1800e-003	2.1800e-003	2.1800e-003	2.1800e-003	2.1800e-003	2.1800e-003			7.8562	4.7000e-004		7.8679
<b>Total</b>	<b>5.9000e-003</b>	<b>0.0401</b>	<b>0.0557</b>	<b>9.0000e-005</b>	<b>2.1800e-003</b>	<b>2.1800e-003</b>	<b>2.1800e-003</b>	<b>2.1800e-003</b>	<b>2.1800e-003</b>	<b>2.1800e-003</b>			<b>7.8562</b>	<b>4.7000e-004</b>		<b>7.8679</b>

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**3.12 17 Existing H-Frame/ MP Removal - 2023  
Mitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	9.4000e-004	0.0326	6.3000e-003	1.2000e-004	0.0866	6.0000e-005	0.0866	8.9400e-003	6.0000e-005	9.0000e-003			11.7340	3.9000e-004		11.7437
Vendor	2.0300e-003	0.0175	9.6700e-003	1.2000e-004	0.1521	6.0000e-005	0.1522	0.0159	5.0000e-005	0.0159			11.6844	1.2000e-004		11.6875
Worker	5.9700e-003	3.9100e-003	0.0333	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8200e-003	6.0000e-005	2.8600e-003			8.4117	2.7000e-004		8.4185
<b>Total</b>	<b>8.9400e-003</b>	<b>0.0540</b>	<b>0.0493</b>	<b>3.3000e-004</b>	<b>0.2493</b>	<b>1.9000e-004</b>	<b>0.2494</b>	<b>0.0276</b>	<b>1.7000e-004</b>	<b>0.0278</b>			<b>31.8301</b>	<b>7.8000e-004</b>		<b>31.8497</b>

**3.13 18 Existing Lattice Structure/TSP Removal - 2023  
Unmitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.7707	7.0551	7.8888	0.0187	0.0000	0.2993	0.2993	0.0000	0.2775	0.2775			1.637.0330	0.5042		1,649.6383
<b>Total</b>	<b>0.7707</b>	<b>7.0551</b>	<b>7.8888</b>	<b>0.0187</b>	<b>0.0000</b>	<b>0.2993</b>	<b>0.2993</b>	<b>0.0000</b>	<b>0.2775</b>	<b>0.2775</b>			<b>1,637.0330</b>	<b>0.5042</b>		<b>1,649.6383</b>

SCE TLRR IC - Great Basin Valleys Air Basin, Annual

**3.13 18 Existing Lattice Structure/TSP Removal - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0160	0.5378	0.1078	2.1600e-003	59.7413	1.1000e-003	59.7424	5.9713	1.0500e-003	5.9724			205.0248	6.0000e-003		205.1748
Vendor	0.0248	0.2129	0.1178	1.5200e-003	29.3832	6.9000e-004	29.3839	2.9411	6.6000e-004	2.9418			142.4039	1.4800e-003		142.4408
Worker	0.0728	0.0476	0.4061	1.1300e-003	0.1291	8.4000e-004	0.1299	0.0343	7.7000e-004	0.0351			102.5173	3.3300e-003		102.6006
<b>Total</b>	<b>0.1135</b>	<b>0.7982</b>	<b>0.6317</b>	<b>4.8100e-003</b>	<b>89.2538</b>	<b>2.6300e-003</b>	<b>89.2562</b>	<b>8.9467</b>	<b>2.4800e-003</b>	<b>8.9492</b>			<b>449.9460</b>	<b>0.0108</b>		<b>450.2163</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.7707	7.0551	7.8888	0.0187	0.0000	0.2993	0.2993	0.2775	0.0000	0.2775			1.637.0311	0.5042		1,649.6363
<b>Total</b>	<b>0.7707</b>	<b>7.0551</b>	<b>7.8888</b>	<b>0.0187</b>	<b>0.0000</b>	<b>0.2993</b>	<b>0.2993</b>	<b>0.2775</b>	<b>0.2775</b>	<b>0.2775</b>			<b>1,637.0311</b>	<b>0.5042</b>		<b>1,649.6363</b>

SCE TLRRIIC - Great Basin Valleys Air Basin, Annual

**3.13 18 Existing Lattice Structure/TSP Removal - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0160	0.5378	0.1078	2.1600e-003	3.7465	1.1000e-003	3.7476	0.3825	1.0500e-003	0.3836			205.0248	6.0000e-003		205.1748
Vendor	0.0248	0.2129	0.1178	1.5200e-003	1.8538	6.9000e-004	1.8545	0.1934	6.6000e-004	0.1941			142.4039	1.4800e-003		142.4408
Worker	0.0728	0.0476	0.4061	1.1300e-003	0.1291	8.4000e-004	0.1299	0.0343	7.7000e-004	0.0351			102.5173	3.3300e-003		102.6006
<b>Total</b>	<b>0.1135</b>	<b>0.7982</b>	<b>0.6317</b>	<b>4.8100e-003</b>	<b>5.7294</b>	<b>2.6300e-003</b>	<b>5.7320</b>	<b>0.6102</b>	<b>2.4800e-003</b>	<b>0.6127</b>			<b>449.9460</b>	<b>0.0108</b>		<b>450.2163</b>

**3.13 18 Existing Lattice Structure/TSP Removal - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.9764	8.5930	10.2947	0.0246		0.3602	0.3602		0.3337	0.3337			2,155.6721	0.6635		2,172.2602
<b>Total</b>	<b>0.9764</b>	<b>8.5930</b>	<b>10.2947</b>	<b>0.0246</b>	<b>0.0000</b>	<b>0.3602</b>	<b>0.3602</b>	<b>0.0000</b>	<b>0.3337</b>	<b>0.3337</b>			<b>2,155.6721</b>	<b>0.6635</b>		<b>2,172.2602</b>

SCE TLRRIIC - Great Basin Valleys Air Basin, Annual

**3.13 18 Existing Lattice Structure/TSP Removal - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0205	0.6628	0.1401	2.8200e-003	59.7449	1.3400e-003	59.7462	5.9726	1.2800e-003	5.9739			268.0488	7.5300e-003		268.2380
Vendor	0.0301	0.2711	0.1353	1.9900e-003	38.6753	8.6000e-004	38.6762	3.8712	8.3000e-004	3.8720			186.7116	1.6800e-003		186.7530
Worker	0.0900	0.0562	0.4861	1.4000e-003	0.1699	1.0700e-003	0.1710	0.0452	9.6000e-004	0.0462			129.7483	3.8700e-003		129.8460
<b>Total</b>	<b>0.1406</b>	<b>1.0100</b>	<b>0.7616</b>	<b>6.2500e-003</b>	<b>98.5901</b>	<b>3.2700e-003</b>	<b>98.5934</b>	<b>9.8880</b>	<b>3.0900e-003</b>	<b>9.8921</b>			<b>584.5107</b>	<b>0.0131</b>		<b>584.8370</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.9764	8.5830	10.2947	0.0246		0.3601	0.3601		0.3337	0.3337			2,155.6695	0.6635		2,172.2576
<b>Total</b>	<b>0.9764</b>	<b>8.5830</b>	<b>10.2947</b>	<b>0.0246</b>	<b>0.0000</b>	<b>0.3601</b>	<b>0.3601</b>	<b>0.0000</b>	<b>0.3337</b>	<b>0.3337</b>			<b>2,155.6695</b>	<b>0.6635</b>		<b>2,172.2576</b>

SCE TLRR IC - Great Basin Valleys Air Basin, Annual

**3.13 18 Existing Lattice Structure/TSP Removal - 2024**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e		
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4
Hauling	0.0205	0.6628	0.1401	2.8200e-003	3.7501	1.3400e-003	3.7514	0.3838	1.2800e-003	0.3851	268.0488	7.5300e-003			268.2380
Vendor	0.0301	0.2711	0.1353	1.9900e-003	2.4400	8.6000e-004	2.4409	0.2546	8.3000e-004	0.2554	186.7116	1.6600e-003			186.7530
Worker	0.0900	0.0562	0.4661	1.4000e-003	0.1699	1.0700e-003	0.1710	0.0452	9.6000e-004	0.0462	129.7483	3.8700e-003			129.8460
<b>Total</b>	<b>0.1406</b>	<b>1.0100</b>	<b>0.7616</b>	<b>6.2500e-003</b>	<b>6.3601</b>	<b>3.2700e-003</b>	<b>6.3633</b>	<b>0.6835</b>	<b>3.0900e-003</b>	<b>0.6866</b>	<b>584.5107</b>	<b>0.0131</b>			<b>584.8370</b>

**3.14 19 LWS Pole Haul - 2023**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e		
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4
Fugitive Dust Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000
<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>



SCE TLRR IC - Great Basin Valleys Air Basin, Annual

**3.14 19 LWS Pole Haul - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	7.9000e-004	0.0269	5.3200e-003	1.1000e-004	1.2166	5.0000e-005	1.2167	0.1217	5.0000e-005	0.1218			10.0600	3.1000e-004		10.0676
Vendor	1.0600e-003	9.1000e-003	5.0300e-003	6.0000e-005	1.2557	3.0000e-005	1.2557	0.1257	3.0000e-005	0.1257			6.0856	6.0000e-005		6.0872
Worker	6.2200e-003	4.0700e-003	0.0347	1.0000e-004	0.0110	7.0000e-005	0.0111	2.9300e-003	7.0000e-005	3.0000e-003			8.7622	2.8000e-004		8.7693
<b>Total</b>	<b>8.0700e-003</b>	<b>0.0400</b>	<b>0.0451</b>	<b>2.7000e-004</b>	<b>2.4834</b>	<b>1.5000e-004</b>	<b>2.4835</b>	<b>0.2593</b>	<b>1.5000e-004</b>	<b>0.2595</b>			<b>24.9078</b>	<b>6.5000e-004</b>		<b>24.9241</b>

**Mitigated Construction On-Site**

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

SCE TLRR IC - Great Basin Valleys Air Basin, Annual

**3.14 19 LWS Pole Haul - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	7.9000e-004	0.0269	5.3200e-003	1.1000e-004	0.0786	5.0000e-005	0.0767	7.9100e-003	5.0000e-005	7.9600e-003			10.0600	3.1000e-004		10.0676
Vendor	1.0600e-003	9.1000e-003	5.0300e-003	6.0000e-005	0.0792	3.0000e-005	0.0793	8.2600e-003	3.0000e-005	8.2900e-003			6.0856	6.0000e-005		6.0872
Worker	6.2200e-003	4.0700e-003	0.0347	1.0000e-004	0.0110	7.0000e-005	0.0111	2.9300e-003	7.0000e-005	3.0000e-003			8.7622	2.8000e-004		8.7693
<b>Total</b>	<b>8.0700e-003</b>	<b>0.0400</b>	<b>0.0451</b>	<b>2.7000e-004</b>	<b>0.1669</b>	<b>1.5000e-004</b>	<b>0.1671</b>	<b>0.0191</b>	<b>1.5000e-004</b>	<b>0.0193</b>			<b>24.9078</b>	<b>6.5000e-004</b>		<b>24.9241</b>

**3.15 22 LWS MP Structure Haul - 2023**  
**Unmitigated Construction On-Site**

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

SCE TLRR IC - Great Basin Valleys Air Basin, Annual

**3.15 22 LWS MP Structure Haul - 2023  
Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.0000e-004	3.4900e-003	7.0000e-004	1.0000e-005	0.1357	1.0000e-005	0.1357	0.0136	1.0000e-005	0.0136			1.3308	4.0000e-005		1.3318
Vendor	1.6000e-004	1.3600e-003	7.6000e-004	1.0000e-005	0.1884	0.0000	0.1884	0.0189	0.0000	0.0189			0.9129	1.0000e-005		0.9131
Worker	9.3000e-004	6.1000e-004	5.2100e-003	1.0000e-005	1.6600e-003	1.0000e-005	1.6700e-003	4.4000e-004	1.0000e-005	4.5000e-004			1.3143	4.0000e-005		1.3154
<b>Total</b>	<b>1.1800e-003</b>	<b>5.4600e-003</b>	<b>6.6700e-003</b>	<b>3.0000e-005</b>	<b>0.3257</b>	<b>2.0000e-005</b>	<b>0.3257</b>	<b>0.0329</b>	<b>2.0000e-005</b>	<b>0.0329</b>			<b>3.5680</b>	<b>8.0000e-005</b>		<b>3.5693</b>

**Mitigated Construction On-Site**

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

SCE TLRR IC - Great Basin Valleys Air Basin, Annual

**3.15 22 LWS MP Structure Haul - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.0000e-004	3.4900e-003	7.0000e-004	1.0000e-005	8.5900e-003	1.0000e-005	8.5900e-003	9.9000e-004	1.0000e-005	9.0000e-004			1.3308	4.0000e-005		1.3318
Vendor	1.6000e-004	1.3600e-003	7.6000e-004	1.0000e-005	0.0119	0.0000	0.0119	1.2400e-003	0.0000	1.2400e-003			0.9129	1.0000e-005		0.9131
Worker	9.3000e-004	6.1000e-004	5.2100e-003	1.0000e-005	1.6600e-003	1.0000e-005	1.6700e-003	4.4000e-004	1.0000e-005	4.5000e-004			1.3143	4.0000e-005		1.3154
<b>Total</b>	<b>1.1800e-003</b>	<b>5.4600e-003</b>	<b>6.6700e-003</b>	<b>3.0000e-005</b>	<b>0.0221</b>	<b>2.0000e-005</b>	<b>0.0222</b>	<b>2.5700e-003</b>	<b>2.0000e-005</b>	<b>2.5900e-003</b>			<b>3.5680</b>	<b>8.0000e-005</b>		<b>3.5693</b>

**3.16 28 Temporary LWS MP Haul - 2023**  
**Unmitigated Construction On-Site**

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

SCE TLRR IC - Great Basin Valleys Air Basin, Annual

**3.16 28 Temporary LWS MP Haul - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	3.0000e-005	9.2000e-004	1.8000e-004	0.0000	0.0382	0.0000	0.0382	3.6200e-003	0.0000	3.6200e-003			0.3502	1.0000e-005		0.3505
Vendor	4.0000e-005	3.6000e-004	2.0000e-004	0.0000	0.0502	0.0000	0.0502	5.0300e-003	0.0000	5.0300e-003			0.2434	0.0000		0.2435
Worker	2.5000e-004	1.6000e-004	1.3900e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004			0.3505	1.0000e-005		0.3508
<b>Total</b>	<b>3.2000e-004</b>	<b>1.4400e-003</b>	<b>1.7700e-003</b>	<b>0.0000</b>	<b>0.0868</b>	<b>0.0000</b>	<b>0.0868</b>	<b>8.7700e-003</b>	<b>0.0000</b>	<b>8.7700e-003</b>			<b>0.9441</b>	<b>2.0000e-005</b>		<b>0.9447</b>

**Mitigated Construction On-Site**

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

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**3.16 28 Temporary LWS MP Haul - 2023  
Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Hauling	3.0000e-005	9.2000e-004	1.8000e-004	0.0000	2.2900e-003	0.0000	2.2900e-003	2.4000e-004	0.0000	2.4000e-004			0.3502	1.0000e-005		0.3505
Vendor	4.0000e-005	3.6000e-004	2.0000e-004	0.0000	3.1700e-003	0.0000	3.1700e-003	3.3000e-004	0.0000	3.3000e-004			0.2434	0.0000		0.2435
Worker	2.5000e-004	1.6000e-004	1.3900e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004			0.3505	1.0000e-005		0.3508
<b>Total</b>	<b>3.2000e-004</b>	<b>1.4400e-003</b>	<b>1.7700e-003</b>	<b>0.0000</b>	<b>5.9000e-003</b>	<b>0.0000</b>	<b>5.9000e-003</b>	<b>6.9000e-004</b>	<b>0.0000</b>	<b>6.9000e-004</b>			<b>0.9441</b>	<b>2.0000e-005</b>		<b>0.9447</b>

**3.17 31 Temporary LWS Pole Haul - 2023  
Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
<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>

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**3.17 31 Temporary LWS Pole Haul - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	4.3000e-004	0.0145	2.8700e-003	6.0000e-005	0.6570	3.0000e-005	0.6570	0.0657	3.0000e-005	0.0657			5.4324	1.7000e-004		5.4365
Vendor	5.7000e-004	4.9100e-003	2.7200e-003	3.0000e-005	0.6781	2.0000e-005	0.6781	0.0679	2.0000e-005	0.0679			3.2862	3.0000e-005		3.2871
Worker	3.3600e-003	2.2000e-003	0.0187	5.0000e-005	5.9600e-003	4.0000e-005	6.0000e-003	1.5800e-003	4.0000e-005	1.6200e-003			4.7316	1.5000e-004		4.7354
<b>Total</b>	<b>4.3600e-003</b>	<b>0.0216</b>	<b>0.0243</b>	<b>1.4000e-004</b>	<b>1.3410</b>	<b>9.0000e-005</b>	<b>1.3411</b>	<b>0.1352</b>	<b>9.0000e-005</b>	<b>0.1353</b>			<b>13.4502</b>	<b>3.5000e-004</b>		<b>13.4590</b>

**Mitigated Construction On-Site**

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

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**3.17 31 Temporary LWS Pole Haul - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	4.3000e-004	0.0145	2.8700e-003	6.0000e-005	0.0414	3.0000e-005	0.0414	4.2700e-003	3.0000e-005	4.3000e-003			5.4324	1.7000e-004		5.4365
Vendor	5.7000e-004	4.9100e-003	2.7200e-003	3.0000e-005	0.0428	2.0000e-005	0.0428	4.4600e-003	2.0000e-005	4.4800e-003			3.2862	3.0000e-005		3.2871
Worker	3.3600e-003	2.2000e-003	0.0187	5.0000e-005	5.9600e-003	4.0000e-005	6.0000e-003	1.5600e-003	4.0000e-005	1.6200e-003			4.7316	1.5000e-004		4.7354
<b>Total</b>	<b>4.3600e-003</b>	<b>0.0216</b>	<b>0.0243</b>	<b>1.4000e-004</b>	<b>0.0901</b>	<b>9.0000e-005</b>	<b>0.0902</b>	<b>0.0103</b>	<b>9.0000e-005</b>	<b>0.0104</b>			<b>13.4502</b>	<b>3.5000e-004</b>		<b>13.4590</b>

**3.18 20 LWS Pole Assembly - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	7.3700e-003	0.0501	0.0697	1.1000e-004	2.7200e-003	2.7200e-003	2.7200e-003	2.7200e-003	2.7200e-003	2.7200e-003			9.8202	5.9000e-004		9.8348
<b>Total</b>	<b>7.3700e-003</b>	<b>0.0501</b>	<b>0.0697</b>	<b>1.1000e-004</b>	<b>2.7200e-003</b>	<b>2.7200e-003</b>	<b>2.7200e-003</b>	<b>2.7200e-003</b>	<b>2.7200e-003</b>	<b>2.7200e-003</b>			<b>9.8202</b>	<b>5.9000e-004</b>		<b>9.8348</b>



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**3.18 20 LWS Pole Assembly - 2023**  
**Unmitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			PM2.5 Total	Blc- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
					Fugitive PM10	Exhaust PM10	PM10 Total							
Hauling	3.9000e-004	0.0147	2.6100e-003	5.0000e-005	0.8155	2.0000e-005	0.8155				4.6235	2.0000e-004		4.6285
Vendor	4.2300e-003	0.0364	0.0201	2.6000e-004	5.0228	1.2000e-004	5.0229	0.5029			24.3426	2.5000e-004		24.3489
Worker	6.2200e-003	4.0700e-003	0.0347	1.0000e-004	0.0110	7.0000e-005	0.0111	3.0000e-003			8.7622	2.8000e-004		8.7693
<b>Total</b>	<b>0.0108</b>	<b>0.0562</b>	<b>0.0575</b>	<b>4.1000e-004</b>	<b>5.8493</b>	<b>2.1000e-004</b>	<b>5.8495</b>	<b>0.5874</b>			<b>37.7282</b>	<b>7.3000e-004</b>		<b>37.7466</b>

**Mitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			PM2.5 Total	Blc- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
					Fugitive PM10	Exhaust PM10	PM10 Total							
Fugitive Dust					0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	7.3700e-003	0.0501	0.0697	1.1000e-004	2.7200e-003	2.7200e-003	2.7200e-003	2.7200e-003			9.8202	5.9000e-004		9.8348
<b>Total</b>	<b>7.3700e-003</b>	<b>0.0501</b>	<b>0.0697</b>	<b>1.1000e-004</b>	<b>2.7200e-003</b>	<b>2.7200e-003</b>	<b>2.7200e-003</b>	<b>2.7200e-003</b>			<b>9.8202</b>	<b>5.9000e-004</b>		<b>9.8348</b>

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**3.18 20 LWS Pole Assembly - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Hauling	3.9000e-004	0.0147	2.6100e-003	5.0000e-005	0.0508	2.0000e-005	0.0508	5.1400e-003	2.0000e-005	5.1600e-003			4.6235	2.0000e-004		4.6285
Vendor	4.2300e-003	0.0364	0.0201	2.6000e-004	0.3169	1.2000e-004	0.3170	0.0331	1.1000e-004	0.0332			24.3426	2.5000e-004		24.3489
Worker	6.2200e-003	4.0700e-003	0.0347	1.0000e-004	0.0110	7.0000e-005	0.0111	2.9300e-003	7.0000e-005	3.0000e-003			8.7622	2.8000e-004		8.7693
<b>Total</b>	<b>0.0108</b>	<b>0.0562</b>	<b>0.0575</b>	<b>4.1000e-004</b>	<b>0.3787</b>	<b>2.1000e-004</b>	<b>0.3790</b>	<b>0.0411</b>	<b>2.0000e-004</b>	<b>0.0413</b>			<b>37.7282</b>	<b>7.3000e-004</b>		<b>37.7466</b>

**3.19 21 Install LWS Pole - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	9.3900e-003	0.0775	0.1568	2.5000e-004	3.9000e-003	3.9000e-003	3.9000e-003	3.9000e-003	3.9000e-003	3.5900e-003			21.6830	7.0100e-003		21.6983
<b>Total</b>	<b>9.3900e-003</b>	<b>0.0775</b>	<b>0.1568</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>3.9000e-003</b>	<b>3.9000e-003</b>	<b>0.0000</b>	<b>3.9000e-003</b>	<b>3.5900e-003</b>			<b>21.6830</b>	<b>7.0100e-003</b>		<b>21.6983</b>

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**3.19 21 Install LWS Pole - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.1800e-003	0.0413	7.8600e-003	1.5000e-004	2.0647	8.0000e-005	2.0648	0.2064	7.0000e-005	0.2065			14.5347	5.0000e-004		14.5473
Vendor	1.0800e-003	9.1000e-003	5.0300e-003	6.0000e-005	1.2557	3.0000e-005	1.2557	0.1257	3.0000e-005	0.1257			6.0856	6.0000e-005		6.0872
Worker	6.2200e-003	4.0700e-003	0.0347	1.0000e-004	0.0110	7.0000e-005	0.0111	2.9300e-003	7.0000e-005	3.0000e-003			8.7622	2.8000e-004		8.7693
<b>Total</b>	<b>8.4600e-003</b>	<b>0.0545</b>	<b>0.0476</b>	<b>3.1000e-004</b>	<b>3.3314</b>	<b>1.8000e-004</b>	<b>3.3316</b>	<b>0.3350</b>	<b>1.7000e-004</b>	<b>0.3352</b>			<b>29.3825</b>	<b>8.4000e-004</b>		<b>29.4037</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	9.3900e-003	0.0775	0.1568	2.5000e-004	3.9000e-003	3.9000e-003	3.9000e-003	3.5900e-003	3.5900e-003	3.5900e-003			21.6830	7.0100e-003		21.6583
<b>Total</b>	<b>9.3900e-003</b>	<b>0.0775</b>	<b>0.1568</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>3.9000e-003</b>	<b>3.9000e-003</b>	<b>0.0000</b>	<b>3.5900e-003</b>	<b>3.5900e-003</b>			<b>21.6830</b>	<b>7.0100e-003</b>		<b>21.6583</b>

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**3.19 21 Install LWS Pole - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.1800e-003	0.0413	7.8600e-003	1.5000e-004	0.1294	8.0000e-005	0.1295	0.0132	7.0000e-005	0.0133			14.5347	5.0000e-004		14.5473
Vendor	1.0800e-003	9.1000e-003	5.0300e-003	6.0000e-005	0.0792	3.0000e-005	0.0793	8.2800e-003	3.0000e-005	8.2900e-003			6.0856	6.0000e-005		6.0872
Worker	6.2200e-003	4.0700e-003	0.0347	1.0000e-004	0.0110	7.0000e-005	0.0111	2.9300e-003	7.0000e-005	3.0000e-003			8.7622	2.8000e-004		8.7693
<b>Total</b>	<b>8.4600e-003</b>	<b>0.0545</b>	<b>0.0476</b>	<b>3.1000e-004</b>	<b>0.2196</b>	<b>1.8000e-004</b>	<b>0.2198</b>	<b>0.0244</b>	<b>1.7000e-004</b>	<b>0.0246</b>			<b>29.3825</b>	<b>8.4000e-004</b>		<b>29.4037</b>

**3.20 23 LWS MP Structure Assembly - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	1.1100e-003	7.5200e-003	0.0105	2.0000e-005	0.0000	4.1000e-004	4.1000e-004	4.1000e-004	4.1000e-004	4.1000e-004			1.4730	9.0000e-005		1.4752
<b>Total</b>	<b>1.1100e-003</b>	<b>7.5200e-003</b>	<b>0.0105</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>4.1000e-004</b>	<b>4.1000e-004</b>	<b>0.0000</b>	<b>4.1000e-004</b>	<b>4.1000e-004</b>			<b>1.4730</b>	<b>9.0000e-005</b>		<b>1.4752</b>

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**3.20 23 LWS MP Structure Assembly - 2023  
Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	6.000e-005	2.200e-003	3.900e-004	1.000e-005	0.1223	0.0000	0.1223	0.0122	0.0000	0.0122			0.6835	3.000e-005		0.6843
Vendor	6.300e-004	5.460e-003	3.020e-003	4.000e-005	0.7534	2.000e-005	0.7534	0.0754	2.000e-005	0.0754			3.6514	4.000e-005		3.6523
Worker	9.300e-004	6.100e-004	5.210e-003	1.000e-005	1.680e-003	1.000e-005	1.670e-003	4.400e-004	1.000e-005	4.500e-004			1.3143	4.000e-005		1.3154
<b>Total</b>	<b>1.620e-003</b>	<b>8.270e-003</b>	<b>8.620e-003</b>	<b>6.000e-005</b>	<b>0.8774</b>	<b>3.000e-005</b>	<b>0.8774</b>	<b>0.0881</b>	<b>3.000e-005</b>	<b>0.0881</b>			<b>5.6592</b>	<b>1.100e-004</b>		<b>5.6620</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	1.110e-003	7.520e-003	0.0105	2.000e-005	4.100e-004	4.100e-004	4.100e-004	4.100e-004	4.100e-004	4.100e-004			1.4730	9.000e-005		1.4752
<b>Total</b>	<b>1.110e-003</b>	<b>7.520e-003</b>	<b>0.0105</b>	<b>2.000e-005</b>	<b>4.100e-004</b>	<b>4.100e-004</b>	<b>4.100e-004</b>	<b>4.100e-004</b>	<b>4.100e-004</b>	<b>4.100e-004</b>			<b>1.4730</b>	<b>9.000e-005</b>		<b>1.4752</b>

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**3.20 23 LWS MP Structure Assembly - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	6.000e-005	2.200e-003	3.900e-004	1.000e-005	7.620e-003	0.0000	7.620e-003	7.700e-004	0.0000	7.700e-004			0.6835	3.000e-005		0.6843
Vendor	6.300e-004	5.460e-003	3.020e-003	4.000e-005	0.0475	2.000e-005	0.0476	4.980e-003	2.000e-005	4.980e-003			3.6514	4.000e-005		3.6523
Worker	9.300e-004	6.100e-004	5.210e-003	1.000e-005	1.680e-003	1.000e-005	1.670e-003	4.400e-004	1.000e-005	4.500e-004			1.3143	4.000e-005		1.3154
<b>Total</b>	<b>1.620e-003</b>	<b>8.270e-003</b>	<b>8.620e-003</b>	<b>6.000e-005</b>	<b>0.0568</b>	<b>3.000e-005</b>	<b>0.0568</b>	<b>6.170e-003</b>	<b>3.000e-005</b>	<b>6.200e-003</b>			<b>5.6692</b>	<b>1.100e-004</b>		<b>5.6820</b>

**3.21 24 Install MP Structure - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	1.410e-003	0.0116	0.0235	4.000e-005	5.900e-004	5.900e-004	5.900e-004	5.400e-004	5.400e-004	5.400e-004			3.2525	1.050e-003		3.2787
<b>Total</b>	<b>1.410e-003</b>	<b>0.0116</b>	<b>0.0235</b>	<b>4.000e-005</b>	<b>5.900e-004</b>	<b>5.900e-004</b>	<b>5.900e-004</b>	<b>5.400e-004</b>	<b>5.400e-004</b>	<b>5.400e-004</b>			<b>3.2525</b>	<b>1.050e-003</b>		<b>3.2787</b>

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**3.21 24 Install MP Structure - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.8000e-04	6.2000e-03	1.1800e-03	2.0000e-05	0.3097	1.0000e-05	0.3097	0.0310	1.0000e-05	0.0310			2.1802	8.0000e-05		2.1821
Vendor	1.6000e-04	1.3600e-03	7.6000e-04	1.0000e-05	0.1884	0.0000	0.1884	0.0189	0.0000	0.0189			0.9129	1.0000e-05		0.9131
Worker	9.3000e-04	6.1000e-04	5.2100e-03	1.0000e-05	1.6600e-03	1.0000e-05	1.6700e-03	4.4000e-04	1.0000e-05	4.5000e-04			1.3143	4.0000e-05		1.3154
<b>Total</b>	<b>1.2700e-03</b>	<b>8.1700e-03</b>	<b>7.1500e-03</b>	<b>4.0000e-05</b>	<b>0.4997</b>	<b>2.0000e-05</b>	<b>0.4997</b>	<b>0.0503</b>	<b>2.0000e-05</b>	<b>0.0503</b>			<b>4.4074</b>	<b>1.3000e-04</b>		<b>4.4106</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	1.4100e-03	0.0116	0.0235	4.0000e-05	0.0000	5.9000e-04	5.9000e-04	5.4000e-04	5.4000e-04	5.4000e-04			3.2524	1.0500e-03		3.2787
<b>Total</b>	<b>1.4100e-03</b>	<b>0.0116</b>	<b>0.0235</b>	<b>4.0000e-05</b>	<b>0.0000</b>	<b>5.9000e-04</b>	<b>5.9000e-04</b>	<b>0.0000</b>	<b>5.4000e-04</b>	<b>5.4000e-04</b>			<b>3.2524</b>	<b>1.0500e-03</b>		<b>3.2787</b>

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**3.21 24 Install MP Structure - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.8000e-004	6.2000e-003	1.1800e-003	2.0000e-005	0.0194	1.0000e-005	0.0194	1.9800e-003	1.0000e-005	2.0000e-003			2.1802	8.0000e-005		2.1821
Vendor	1.6000e-004	1.3600e-003	7.6000e-004	1.0000e-005	0.0119	0.0000	0.0119	1.2400e-003	0.0000	1.2400e-003			0.9129	1.0000e-005		0.9131
Worker	9.3000e-004	6.1000e-004	5.2100e-003	1.0000e-005	1.6800e-003	1.0000e-005	1.6700e-003	4.4000e-004	1.0000e-005	4.5000e-004			1.3143	4.0000e-005		1.3154
<b>Total</b>	<b>1.2700e-003</b>	<b>8.1700e-003</b>	<b>7.1500e-003</b>	<b>4.0000e-005</b>	<b>0.0330</b>	<b>2.0000e-005</b>	<b>0.0330</b>	<b>3.6700e-003</b>	<b>2.0000e-005</b>	<b>3.6900e-003</b>			<b>4.4074</b>	<b>1.3000e-004</b>		<b>4.4106</b>

**3.22 29 Temporary LWS MP Assembly - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	1.5000e-004	1.0000e-003	1.3900e-003	0.0000	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005			0.1964	1.0000e-005		0.1967
<b>Total</b>	<b>1.5000e-004</b>	<b>1.0000e-003</b>	<b>1.3900e-003</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>5.0000e-005</b>	<b>5.0000e-005</b>	<b>5.0000e-005</b>	<b>5.0000e-005</b>	<b>5.0000e-005</b>			<b>0.1964</b>	<b>1.0000e-005</b>		<b>0.1967</b>



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**3.22 29 Temporary LWS MP Assembly - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.0000e-005	2.9000e-004	5.0000e-005	0.0000	0.0163	0.0000	0.0163	1.6300e-003	0.0000	1.6300e-003			0.0825	0.0000		0.0826
Vendor	6.0000e-005	7.3000e-004	4.0000e-004	1.0000e-005	0.1005	0.0000	0.1005	0.0101	0.0000	0.0101			0.4869	1.0000e-005		0.4870
Worker	1.2000e-004	8.0000e-005	6.9000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005			0.1752	1.0000e-005		0.1754
<b>Total</b>	<b>2.1000e-004</b>	<b>1.1000e-003</b>	<b>1.1400e-003</b>	<b>1.0000e-005</b>	<b>0.1170</b>	<b>0.0000</b>	<b>0.1170</b>	<b>0.0118</b>	<b>0.0000</b>	<b>0.0118</b>			<b>0.7546</b>	<b>2.0000e-005</b>		<b>0.7549</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	1.5000e-004	1.0000e-003	1.3900e-003	0.0000	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005			0.1964	1.0000e-005		0.1967
<b>Total</b>	<b>1.5000e-004</b>	<b>1.0000e-003</b>	<b>1.3900e-003</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>5.0000e-005</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>5.0000e-005</b>			<b>0.1964</b>	<b>1.0000e-005</b>		<b>0.1967</b>

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**3.22 29 Temporary LWS MP Assembly - 2023  
Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.0000e-005	2.9000e-004	5.0000e-005	0.0000	1.0200e-003	0.0000	1.0200e-003	1.0000e-004	0.0000	1.0000e-004			0.0825	0.0000		0.0826
Vendor	6.0000e-005	7.3000e-004	4.0000e-004	1.0000e-005	6.3400e-003	0.0000	6.3400e-003	6.6000e-004	0.0000	6.6000e-004			0.4869	1.0000e-005		0.4870
Worker	1.2000e-004	8.0000e-005	6.9000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005			0.1752	1.0000e-005		0.1754
<b>Total</b>	<b>2.1000e-004</b>	<b>1.1000e-003</b>	<b>1.1400e-003</b>	<b>1.0000e-005</b>	<b>7.5800e-003</b>	<b>0.0000</b>	<b>7.5800e-003</b>	<b>8.2000e-004</b>	<b>0.0000</b>	<b>8.2000e-004</b>			<b>0.7546</b>	<b>2.0000e-005</b>		<b>0.7549</b>

**3.23 30 Temporary LWS MP Structure Install/Removal - 2023  
Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	3.8000e-004	3.1000e-003	6.2800e-003	1.0000e-005	1.6000e-004	1.6000e-004	1.6000e-004	1.4000e-004	1.4000e-004	1.4000e-004			0.8673	2.8000e-004		0.8743
<b>Total</b>	<b>3.8000e-004</b>	<b>3.1000e-003</b>	<b>6.2800e-003</b>	<b>1.0000e-005</b>	<b>1.6000e-004</b>	<b>1.6000e-004</b>	<b>1.6000e-004</b>	<b>1.4000e-004</b>	<b>1.4000e-004</b>	<b>1.4000e-004</b>			<b>0.8673</b>	<b>2.8000e-004</b>		<b>0.8743</b>

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**3.23 30 Temporary LWS MP Structure Install/Removal - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	5.0000e-005	1.6500e-003	3.1000e-004	1.0000e-005	0.0826	0.0000	0.0826	8.2600e-003	0.0000	8.2600e-003			0.5814	2.0000e-005		0.5819
Vendor	4.0000e-005	3.6000e-004	2.0000e-004	0.0000	0.0502	0.0000	0.0502	5.0300e-003	0.0000	5.0300e-003			0.2434	0.0000		0.2435
Worker	2.5000e-004	1.9000e-004	1.3900e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004			0.3505	1.0000e-005		0.3508
<b>Total</b>	<b>3.4000e-004</b>	<b>2.1700e-003</b>	<b>1.9000e-003</b>	<b>1.0000e-005</b>	<b>0.1333</b>	<b>0.0000</b>	<b>0.1333</b>	<b>0.0134</b>	<b>0.0000</b>	<b>0.0134</b>			<b>1.1753</b>	<b>3.0000e-005</b>		<b>1.1762</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	3.8000e-004	3.1000e-003	6.2800e-003	1.0000e-005	1.6000e-004	1.6000e-004	1.6000e-004	1.4000e-004	1.4000e-004	1.4000e-004			0.8673	2.8000e-004		0.8743
<b>Total</b>	<b>3.8000e-004</b>	<b>3.1000e-003</b>	<b>6.2800e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.4000e-004</b>	<b>1.4000e-004</b>			<b>0.8673</b>	<b>2.8000e-004</b>		<b>0.8743</b>

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**3.23 30 Temporary LWS MP Structure Install/Removal - 2023**

**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Hauling	5.0000e-005	1.6500e-003	3.1000e-004	1.0000e-005	5.1800e-003	0.0000	5.1800e-003	5.3000e-004	0.0000	5.3000e-004			0.5814	2.0000e-005		0.5819
Vendor	4.0000e-005	3.6000e-004	2.0000e-004	0.0000	3.1700e-003	0.0000	3.1700e-003	3.3000e-004	0.0000	3.3000e-004			0.2434	0.0000		0.2435
Worker	2.5000e-004	1.6000e-004	1.3900e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004			0.3505	1.0000e-003		0.3508
<b>Total</b>	<b>3.4000e-004</b>	<b>2.1700e-003</b>	<b>1.9000e-003</b>	<b>1.0000e-005</b>	<b>8.7900e-003</b>	<b>0.0000</b>	<b>8.7900e-003</b>	<b>9.8000e-004</b>	<b>0.0000</b>	<b>9.8000e-004</b>			<b>1.1753</b>	<b>3.0000e-005</b>		<b>1.1762</b>

**3.24 32 Temporary LWS Pole Assembly - 2023**

**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	1.9900e-003	0.0135	0.0188	3.0000e-005	0.0000	7.4000e-004	7.4000e-004	7.4000e-004	7.4000e-004	7.4000e-004			2.6515	1.6000e-004		2.6554
<b>Total</b>	<b>1.9900e-003</b>	<b>0.0135</b>	<b>0.0188</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>7.4000e-004</b>	<b>7.4000e-004</b>	<b>7.4000e-004</b>	<b>7.4000e-004</b>	<b>7.4000e-004</b>			<b>2.6515</b>	<b>1.6000e-004</b>		<b>2.6554</b>

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**3.24 32 Temporary LWS Pole Assembly - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.1000e-004	3.9700e-003	7.0000e-004	1.0000e-005	0.2202	1.0000e-005	0.2202	0.0220	1.0000e-005	0.0220			1.2484	5.0000e-005		1.2497
Vendor	1.1400e-003	9.8200e-003	5.4400e-003	7.0000e-005	1.3562	3.0000e-005	1.3562	0.1357	3.0000e-005	0.1358			6.5725	7.0000e-005		6.5742
Worker	1.6800e-003	1.1000e-003	9.3700e-003	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004			2.3658	8.0000e-005		2.3677
<b>Total</b>	<b>2.9300e-003</b>	<b>0.0149</b>	<b>0.0155</b>	<b>1.1000e-004</b>	<b>1.5793</b>	<b>6.0000e-005</b>	<b>1.5794</b>	<b>0.1565</b>	<b>6.0000e-005</b>	<b>0.1566</b>			<b>10.1866</b>	<b>2.0000e-004</b>		<b>10.1916</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	1.9900e-003	0.0135	0.0188	3.0000e-005	0.0000	7.4000e-004	7.4000e-004	7.4000e-004	7.4000e-004	7.4000e-004			2.6515	1.6000e-004		2.6554
<b>Total</b>	<b>1.9900e-003</b>	<b>0.0135</b>	<b>0.0188</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>7.4000e-004</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>7.4000e-004</b>	<b>7.4000e-004</b>			<b>2.6515</b>	<b>1.6000e-004</b>		<b>2.6554</b>

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**3.24 32 Temporary LWS Pole Assembly - 2023  
Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.1000e-004	3.9700e-003	7.0000e-004	1.0000e-005	0.0137	1.0000e-005	0.0137	1.3900e-003	1.0000e-005	1.3900e-003			1.2484	5.0000e-005		1.2497
Vendor	1.1400e-003	9.8200e-003	5.4400e-003	7.0000e-005	0.0856	3.0000e-005	0.0856	8.9300e-003	3.0000e-005	8.9600e-003			6.5725	7.0000e-005		6.5742
Worker	1.6800e-003	1.1000e-003	9.3700e-003	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004			2.3658	8.0000e-005		2.3677
<b>Total</b>	<b>2.9300e-003</b>	<b>0.0149</b>	<b>0.0155</b>	<b>1.1000e-004</b>	<b>0.1023</b>	<b>6.0000e-005</b>	<b>0.1023</b>	<b>0.0111</b>	<b>6.0000e-005</b>	<b>0.0112</b>			<b>10.1866</b>	<b>2.0000e-004</b>		<b>10.1916</b>

**3.25 33 Temporary LWS Pole Install/Removal - 2023  
Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0133	0.1101	0.2228	3.5000e-004	0.0000	5.5400e-003	5.5400e-003	5.1000e-003	5.1000e-003	5.1000e-003			30.7898	9.9800e-003		31.0388
<b>Total</b>	<b>0.0133</b>	<b>0.1101</b>	<b>0.2228</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>5.5400e-003</b>	<b>5.5400e-003</b>	<b>0.0000</b>	<b>5.1000e-003</b>	<b>5.1000e-003</b>			<b>30.7898</b>	<b>9.9800e-003</b>		<b>31.0388</b>

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**3.25 33 Temporary LWS Pole Install/Removal - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.0100e-003	0.0704	0.0134	2.6000e-004	4.4594	1.3000e-004	4.4595	0.4457	1.2000e-004	0.4458			24.7671	8.6000e-004		24.7885
Vendor	1.5000e-003	0.0129	7.1500e-003	9.0000e-005	1.7831	4.0000e-005	1.7831	0.1785	4.0000e-005	0.1785			8.6416	9.0000e-005		8.6438
Worker	8.8300e-003	5.7800e-003	0.0493	1.4000e-004	0.0157	1.0000e-004	0.0158	4.1600e-003	9.0000e-005	4.2600e-003			12.4423	4.0000e-004		12.4524
<b>Total</b>	<b>0.0123</b>	<b>0.0891</b>	<b>0.0698</b>	<b>4.9000e-004</b>	<b>6.2581</b>	<b>2.7000e-004</b>	<b>6.2584</b>	<b>0.6283</b>	<b>2.8000e-004</b>	<b>0.6286</b>			<b>45.8510</b>	<b>1.3500e-003</b>		<b>45.8847</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0133	0.1101	0.2228	3.5000e-004	5.5400e-003	5.5400e-003	5.5400e-003	5.1000e-003	5.1000e-003	5.1000e-003			30.7898	9.9800e-003		31.0387
<b>Total</b>	<b>0.0133</b>	<b>0.1101</b>	<b>0.2228</b>	<b>3.5000e-004</b>	<b>5.5400e-003</b>	<b>5.5400e-003</b>	<b>5.5400e-003</b>	<b>5.1000e-003</b>	<b>5.1000e-003</b>	<b>5.1000e-003</b>			<b>30.7898</b>	<b>9.9800e-003</b>		<b>31.0387</b>

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**3.25 33 Temporary LWS Pole Install/Removal - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.0100e-003	0.0704	0.0134	2.6000e-004	0.2791	1.3000e-004	0.2793	0.0295	1.2000e-004	0.0286			24.7671	8.6000e-004		24.7885
Vendor	1.5000e-003	0.0129	7.1500e-003	9.0000e-005	0.1125	4.0000e-005	0.1125	0.0117	4.0000e-005	0.0118			8.6416	9.0000e-005		8.6438
Worker	8.8300e-003	5.7800e-003	0.0493	1.4000e-004	0.0157	1.0000e-004	0.0158	4.1600e-003	9.0000e-005	4.2600e-003			12.4423	4.0000e-004		12.4524
<b>Total</b>	<b>0.0123</b>	<b>0.0891</b>	<b>0.0698</b>	<b>4.9000e-004</b>	<b>0.4073</b>	<b>2.7000e-004</b>	<b>0.4076</b>	<b>0.0444</b>	<b>2.8000e-004</b>	<b>0.0446</b>			<b>45.8510</b>	<b>1.3500e-003</b>		<b>45.8847</b>

**3.25 33 Temporary LWS Pole Install/Removal - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	3.4100e-003	0.0267	0.0599	9.0000e-005	1.3300e-003	1.3300e-003	1.3300e-003	1.2200e-003	1.2200e-003	1.2200e-003			8.2498	2.6700e-003		8.3165
<b>Total</b>	<b>3.4100e-003</b>	<b>0.0267</b>	<b>0.0599</b>	<b>9.0000e-005</b>	<b>1.3300e-003</b>	<b>1.3300e-003</b>	<b>1.3300e-003</b>	<b>0.0000</b>	<b>1.2200e-003</b>	<b>1.2200e-003</b>			<b>8.2498</b>	<b>2.6700e-003</b>		<b>8.3165</b>



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**3.25 33 Temporary LWS Pole Install/Removal - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	5.2000e-04	0.0182	3.5400e-03	7.0000e-05	4.4584	3.0000e-05	4.4585	0.4454	3.0000e-05	0.4454			6.5838	2.2000e-04		6.5893
Vendor	3.7000e-04	3.3400e-03	1.6700e-03	2.0000e-05	0.4772	1.0000e-05	0.4772	0.0478	1.0000e-05	0.0478			2.3036	2.0000e-05		2.3041
Worker	2.2200e-03	1.3900e-03	0.0120	4.0000e-05	4.1900e-03	3.0000e-05	4.2200e-03	1.1100e-03	2.0000e-05	1.1400e-03			3.2016	1.0000e-04		3.2040
<b>Total</b>	<b>3.1100e-03</b>	<b>0.0230</b>	<b>0.0172</b>	<b>1.3000e-04</b>	<b>4.9398</b>	<b>7.0000e-05</b>	<b>4.9399</b>	<b>0.4942</b>	<b>6.0000e-05</b>	<b>0.4943</b>			<b>12.0890</b>	<b>3.4000e-04</b>		<b>12.0973</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	3.4100e-03	0.0267	0.0599	9.0000e-05	1.3300e-03	1.3300e-03	1.3300e-03	1.2200e-03	1.2200e-03	1.2200e-03			8.2498	2.6700e-03		8.3165
<b>Total</b>	<b>3.4100e-03</b>	<b>0.0267</b>	<b>0.0599</b>	<b>9.0000e-05</b>	<b>1.3300e-03</b>	<b>1.3300e-03</b>	<b>1.3300e-03</b>	<b>0.0000</b>	<b>1.2200e-03</b>	<b>1.2200e-03</b>			<b>8.2498</b>	<b>2.6700e-03</b>		<b>8.3165</b>

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**3.25 33 Temporary LWS Pole Install/Removal - 2024**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	5.2000e-004	0.0182	3.5400e-003	7.0000e-005	0.2782	3.0000e-005	0.2782	0.0281	3.0000e-005	0.0282			6.5838	2.2000e-004		6.5893
Vendor	3.7000e-004	3.3400e-003	1.6700e-003	2.0000e-005	0.0301	1.0000e-005	0.0301	3.1400e-003	1.0000e-005	3.1500e-003			2.3036	2.0000e-005		2.3041
Worker	2.2200e-003	1.3900e-003	0.0120	4.0000e-005	4.1900e-003	3.0000e-005	4.2200e-003	1.1700e-003	2.0000e-005	1.1400e-003			3.2016	1.0000e-004		3.2040
<b>Total</b>	<b>3.1100e-003</b>	<b>0.0230</b>	<b>0.0172</b>	<b>1.3000e-004</b>	<b>0.3125</b>	<b>7.0000e-005</b>	<b>0.3126</b>	<b>0.0324</b>	<b>6.0000e-005</b>	<b>0.0325</b>			<b>12.0890</b>	<b>3.4000e-004</b>		<b>12.0973</b>

**3.26 34A Install Conductor OPGW - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0132	0.1082	0.2208	3.5000e-004	0.0000	5.4900e-003	5.4900e-003	0.0000	5.0500e-003	5.0500e-003			30.5286	9.8700e-003		30.7765
<b>Total</b>	<b>0.0132</b>	<b>0.1082</b>	<b>0.2208</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>5.4900e-003</b>	<b>5.4900e-003</b>	<b>0.0000</b>	<b>5.0500e-003</b>	<b>5.0500e-003</b>			<b>30.5286</b>	<b>9.8700e-003</b>		<b>30.7765</b>

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**3.26 3A Install Conductor OPGW - 2023  
Unmitigated Construction Off-Site**

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

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.0132	0.1082	0.2209	3.5000e-004	5.4900e-003	5.4900e-003	5.4900e-003	5.0500e-003	5.0500e-003	5.0500e-003			30.5286	8.8700e-003		30.7764
<b>Total</b>	<b>0.0132</b>	<b>0.1082</b>	<b>0.2209</b>	<b>3.5000e-004</b>	<b>5.4900e-003</b>	<b>5.4900e-003</b>	<b>5.4900e-003</b>	<b>5.0500e-003</b>	<b>5.0500e-003</b>	<b>5.0500e-003</b>			<b>30.5286</b>	<b>8.8700e-003</b>		<b>30.7764</b>

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**3.26 34A Install Conductor OPGW - 2023**  
**Mitigated Construction Off-Site**

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

**3.27 34B Install Conductor OPGW - 2023**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e		
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4		N2O	
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	0.0000
Off-Road	0.1281	1.2871	0.9914	3.4900e-003		0.0489	0.0489		0.0450	0.0450	0.0450			306.7963	0.0992		309.2769
<b>Total</b>	<b>0.1281</b>	<b>1.2871</b>	<b>0.9914</b>	<b>3.4900e-003</b>	<b>0.0000</b>	<b>0.0489</b>	<b>0.0489</b>	<b>0.0000</b>	<b>0.0450</b>	<b>0.0450</b>	<b>0.0450</b>	<b>0.0000</b>	<b>0.0000</b>	<b>306.7963</b>	<b>0.0992</b>	<b>0.0000</b>	<b>309.2769</b>

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**3.27 34B Install Conductor OPGW - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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
<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 Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.1281	1.2871	0.9914	3.4900e-003	0.0000	0.0489	0.0489	0.0000	0.0450	0.0450			306.7959	0.0992		309.2765
<b>Total</b>	<b>0.1281</b>	<b>1.2871</b>	<b>0.9914</b>	<b>3.4900e-003</b>	<b>0.0000</b>	<b>0.0489</b>	<b>0.0489</b>	<b>0.0000</b>	<b>0.0450</b>	<b>0.0450</b>			<b>306.7959</b>	<b>0.0992</b>		<b>309.2765</b>

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**3.27 34B Install Conductor OPGW - 2023**  
**Mitigated Construction Off-Site**

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

**3.28 34C Install Conductor OPGW - 2023**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4		N2O
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	0.0732	0.7350	0.5662	2.0000e-003		0.0279	0.0279		0.0257	0.0257	0.0257		175.1979	0.0567	176.6144	
<b>Total</b>	<b>0.0732</b>	<b>0.7350</b>	<b>0.5662</b>	<b>2.0000e-003</b>	<b>0.0000</b>	<b>0.0279</b>	<b>0.0279</b>	<b>0.0000</b>	<b>0.0257</b>	<b>0.0257</b>	<b>0.0257</b>		<b>175.1979</b>	<b>0.0567</b>	<b>176.6144</b>	

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**3.28 34C Install Conductor OPGW - 2023**  
**Unmitigated Construction Off-Site**

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

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.0732	0.7350	0.5662	2.0000e-003		0.0279	0.0279		0.0257	0.0257			175.1977	0.0567		176.6142
<b>Total</b>	<b>0.0732</b>	<b>0.7350</b>	<b>0.5662</b>	<b>2.0000e-003</b>	<b>0.0000</b>	<b>0.0279</b>	<b>0.0279</b>	<b>0.0000</b>	<b>0.0257</b>	<b>0.0257</b>			<b>175.1977</b>	<b>0.0567</b>		<b>176.6142</b>

SCE TLRR IC - Great Basin Valleys Air Basin, Annual

**3.28 34C Install Conductor OPGW - 2023**  
**Mitigated Construction Off-Site**

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

**3.29 34D Install Conductor OPGW - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.1356	1.3626	1.0496	3.7000e-003	0.0308	0.0000	0.0308	3.3200e-003	0.0000	3.3200e-003			0.0000	0.0000		0.0000
													324.7961	0.1051		327.4222
<b>Total</b>	<b>0.1356</b>	<b>1.3626</b>	<b>1.0496</b>	<b>3.7000e-003</b>	<b>0.0308</b>	<b>0.0000</b>	<b>0.0308</b>	<b>3.3200e-003</b>	<b>0.0000</b>	<b>3.3200e-003</b>			<b>324.7961</b>	<b>0.1051</b>		<b>327.4222</b>



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**3.29 34D Install Conductor OPGW - 2023**  
**Unmitigated Construction Off-Site**

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

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0120	0.0000	0.0120	1.3000e-003	0.0000	1.3000e-003			0.0000	0.0000		0.0000
Off-Road	0.1356	1.3626	1.0496	3.7000e-003		0.0517	0.0517	0.0476	0.0476	0.0476			324.7957	0.1051		327.4218
<b>Total</b>	<b>0.1356</b>	<b>1.3626</b>	<b>1.0496</b>	<b>3.7000e-003</b>	<b>0.0120</b>	<b>0.0517</b>	<b>0.0637</b>	<b>1.3000e-003</b>	<b>0.0476</b>	<b>0.0489</b>			<b>324.7957</b>	<b>0.1051</b>		<b>327.4218</b>

SCE TLRR IC - Great Basin Valleys Air Basin, Annual

**3.29 34D Install Conductor OPGW - 2023**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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
<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>

**3.30 34E Install Conductor OPGW - 2023**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr															
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	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>

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**3.30 34E Install Conductor OPGW - 2023  
Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.3800e-003	0.0886	0.0157	2.9000e-004	3.0281	1.4000e-004	3.0283	0.3029	1.3000e-004	0.3030			27.8798	1.1900e-003		27.9096
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>2.3800e-003</b>	<b>0.0886</b>	<b>0.0157</b>	<b>2.9000e-004</b>	<b>3.0281</b>	<b>1.4000e-004</b>	<b>3.0283</b>	<b>0.3029</b>	<b>1.3000e-004</b>	<b>0.3030</b>			<b>27.8798</b>	<b>1.1900e-003</b>		<b>27.9096</b>

**Mitigated Construction On-Site**

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

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**3.30 34E Install Conductor OPGW - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.3800e-003	0.0886	0.0157	2.9000e-004	0.1905	1.4000e-004	0.1906	0.0196	1.3000e-004	0.0198			27.8798	1.1900e-003		27.9096
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>2.3800e-003</b>	<b>0.0886</b>	<b>0.0157</b>	<b>2.9000e-004</b>	<b>0.1905</b>	<b>1.4000e-004</b>	<b>0.1906</b>	<b>0.0196</b>	<b>1.3000e-004</b>	<b>0.0198</b>			<b>27.8798</b>	<b>1.1900e-003</b>		<b>27.9096</b>

**3.31 34F Install Conductor OPGW - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.3453	3.4688	2.6720	9.4200e-003	0.0000	0.1317	0.1317	0.0000	0.0000	0.0000			826.8567	0.2674		833.5422
<b>Total</b>	<b>0.3453</b>	<b>3.4688</b>	<b>2.6720</b>	<b>9.4200e-003</b>	<b>0.0000</b>	<b>0.1317</b>	<b>0.1317</b>	<b>0.0000</b>	<b>0.1212</b>	<b>0.1212</b>			<b>826.8567</b>	<b>0.2674</b>		<b>833.5422</b>

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**3.31 34F Install Conductor OPGW - 2023  
Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0162	0.5188	0.1095	2.2500e-003	29.2553	1.1700e-003	29.2565	2.9279	1.1200e-003	2.9290			213.5680	5.2700e-003		213.6998
Vendor	0.0199	0.1714	0.0948	1.2200e-003	23.6572	5.6000e-004	23.6578	2.3860	5.3000e-004	2.3865			114.6534	1.1900e-003		114.8831
Worker	0.1563	0.1022	0.8718	2.4400e-003	0.2772	1.8000e-003	0.2790	0.0737	1.6000e-003	0.0753			220.1055	7.1600e-003		220.2844
<b>Total</b>	<b>0.1923</b>	<b>0.7984</b>	<b>1.0761</b>	<b>5.9100e-003</b>	<b>53.1897</b>	<b>3.5300e-003</b>	<b>53.1893</b>	<b>5.3895</b>	<b>3.3100e-003</b>	<b>5.3728</b>			<b>548.3269</b>	<b>0.0136</b>		<b>548.6673</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.3453	3.4688	2.6720	9.4200e-003	0.0000	0.1317	0.1317	0.1212	0.0000	0.1212			826.8557	0.2674		833.5412
<b>Total</b>	<b>0.3453</b>	<b>3.4688</b>	<b>2.6720</b>	<b>9.4200e-003</b>	<b>0.0000</b>	<b>0.1317</b>	<b>0.1317</b>	<b>0.0000</b>	<b>0.1212</b>	<b>0.1212</b>			<b>826.8557</b>	<b>0.2674</b>		<b>833.5412</b>

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**3.31 34F Install Conductor OPGW - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0162	0.5188	0.1095	2.2500e-003	1.8534	1.1700e-003	1.8546	0.1929	1.1200e-003	0.1940			213.5680	5.2700e-003		213.6998
Vendor	0.0199	0.1714	0.0948	1.2200e-003	1.4925	5.6000e-004	1.4931	0.1557	5.3000e-004	0.1562			114.6534	1.1900e-003		114.8831
Worker	0.1563	0.1022	0.8718	2.4400e-003	0.2772	1.8000e-003	0.2790	0.0737	1.6600e-003	0.0753			220.1055	7.1600e-003		220.2844
<b>Total</b>	<b>0.1923</b>	<b>0.7984</b>	<b>1.0761</b>	<b>5.9100e-003</b>	<b>3.6231</b>	<b>3.5300e-003</b>	<b>3.6267</b>	<b>0.4223</b>	<b>3.3100e-003</b>	<b>0.4256</b>			<b>548.3269</b>	<b>0.0136</b>		<b>548.6673</b>

**3.31 34F Install Conductor OPGW - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.1301	1.2471	1.0281	3.6600e-003	0.0000	0.0479	0.0479	0.0000	0.0440	0.0440			321.4646	0.1040		324.0638
<b>Total</b>	<b>0.1301</b>	<b>1.2471</b>	<b>1.0281</b>	<b>3.6600e-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>321.4646</b>	<b>0.1040</b>		<b>324.0638</b>

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**3.31 34F Install Conductor OPGW - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	6.1100e-003	0.1942	0.0420	8.7000e-004	29.2477	4.2000e-004	29.2481	2.9251	4.0000e-004	2.9255			82.4164	1.9500e-003		82.4653
Vendor	7.1400e-003	0.0644	0.0322	4.7000e-004	9.1917	2.1000e-004	9.1919	0.9200	2.0000e-004	0.9202			44.3743	3.9000e-004		44.3842
Worker	0.0571	0.0356	0.3081	9.1000e-004	0.1077	6.8000e-004	0.1084	0.0286	6.2000e-004	0.0293			82.2307	2.4500e-003		82.2350
<b>Total</b>	<b>0.0703</b>	<b>0.2942</b>	<b>0.3823</b>	<b>2.2500e-003</b>	<b>38.5471</b>	<b>1.3100e-003</b>	<b>38.5484</b>	<b>3.8738</b>	<b>1.2200e-003</b>	<b>3.8750</b>			<b>209.0215</b>	<b>4.7900e-003</b>		<b>209.1415</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.1301	1.2471	1.0281	3.6600e-003	0.0000	0.0479	0.0479	0.0000	0.0440	0.0440			321.4642	0.1040		324.0634
<b>Total</b>	<b>0.1301</b>	<b>1.2471</b>	<b>1.0281</b>	<b>3.6600e-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>321.4642</b>	<b>0.1040</b>		<b>324.0634</b>

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**3.31 34F Install Conductor OPGW - 2024**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O	
Hauling	6.1100e-003	0.1942	0.0420	8.7000e-004	1.8456	4.2000e-004	1.8462	0.1901	4.0000e-004	0.1905	82.4164			1.9500e-003			82.4653
Vendor	7.1400e-003	0.0644	0.0322	4.7000e-004	0.5799	2.1000e-004	0.5801	0.0605	2.0000e-004	0.0607	44.3743			3.9000e-004			44.3842
Worker	0.0571	0.0356	0.3081	9.1000e-004	0.1077	6.8000e-004	0.1084	0.0286	6.2000e-004	0.0293	82.2307			2.4500e-003			82.2590
<b>Total</b>	<b>0.0703</b>	<b>0.2942</b>	<b>0.3823</b>	<b>2.2500e-003</b>	<b>2.5334</b>	<b>1.3100e-003</b>	<b>2.5347</b>	<b>0.2793</b>	<b>1.2200e-003</b>	<b>0.2805</b>	<b>209.0215</b>			<b>4.7900e-003</b>			<b>209.1415</b>

**3.32 35 Install/Remove Guard Structures - 2023**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O	
Fugitive Dust Off-Road	6.9100e-003	0.0506	0.0831	1.3000e-004	0.0000	2.6700e-003	2.6700e-003	0.0000	2.5900e-003	2.5900e-003	11.5952			2.1800e-003			11.6497
<b>Total</b>	<b>6.9100e-003</b>	<b>0.0506</b>	<b>0.0831</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>2.6700e-003</b>	<b>2.6700e-003</b>	<b>0.0000</b>	<b>2.5900e-003</b>	<b>2.5900e-003</b>	<b>11.5952</b>			<b>2.1800e-003</b>			<b>11.6497</b>



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**3.32 35 Install/Remove Guard Structures - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	3.1000e-04	0.0108	2.0400e-03	4.0000e-05	2.0022	2.0000e-05	2.0022	0.2000	2.0000e-05	0.2000			3.7790	4.3000e-04		3.7823
Vendor	1.1000e-03	9.4600e-03	5.2400e-03	7.0000e-05	1.3059	3.0000e-05	1.3060	0.1307	3.0000e-05	0.1307			6.3291	7.0000e-05		6.3307
Worker	1.6200e-03	1.0600e-03	9.0200e-03	3.0000e-05	2.8700e-03	2.0000e-05	2.8900e-03	7.6000e-04	2.0000e-05	7.8000e-04			2.2782	7.0000e-05		2.2800
<b>Total</b>	<b>3.0300e-03</b>	<b>0.0213</b>	<b>0.0163</b>	<b>1.4000e-04</b>	<b>3.3110</b>	<b>7.0000e-05</b>	<b>3.3111</b>	<b>0.3315</b>	<b>7.0000e-05</b>	<b>0.3316</b>			<b>12.3862</b>	<b>2.7000e-04</b>		<b>12.3830</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	6.9100e-03	0.0506	0.0831	1.3000e-04	2.6700e-03	2.6700e-03	2.6700e-03	2.5900e-03	2.5900e-03	2.5900e-03			11.5952	2.1800e-03		11.6496
<b>Total</b>	<b>6.9100e-03</b>	<b>0.0506</b>	<b>0.0831</b>	<b>1.3000e-04</b>	<b>2.6700e-03</b>	<b>2.6700e-03</b>	<b>2.6700e-03</b>	<b>0.0000</b>	<b>2.5900e-03</b>	<b>2.5900e-03</b>			<b>11.5952</b>	<b>2.1800e-03</b>		<b>11.6496</b>

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**3.32 35 Install/Remove Guard Structures - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	3.1000e-004	0.0108	2.0400e-003	4.0000e-005	0.1250	2.0000e-005	0.1250	0.0127	2.0000e-005	0.0127			3.7790	4.3000e-004		3.7823
Vendor	1.1000e-003	9.4600e-003	5.2400e-003	7.0000e-005	0.0824	3.0000e-005	0.0824	8.6000e-003	3.0000e-005	8.6200e-003			6.3291	7.0000e-005		6.3307
Worker	1.6200e-003	1.0600e-003	9.0200e-003	3.0000e-005	2.8700e-003	2.0000e-005	2.8900e-003	7.6000e-004	2.0000e-005	7.8000e-004			2.2782	7.0000e-005		2.2800
<b>Total</b>	<b>3.0300e-003</b>	<b>0.0213</b>	<b>0.0163</b>	<b>1.4000e-004</b>	<b>0.2102</b>	<b>7.0000e-005</b>	<b>0.2103</b>	<b>0.0220</b>	<b>7.0000e-005</b>	<b>0.0221</b>			<b>12.3862</b>	<b>2.7000e-004</b>		<b>12.3830</b>

**3.32 35 Install/Remove Guard Structures - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0179	0.1275	0.2272	3.6000e-004	0.0000	6.3600e-003	6.3600e-003	6.1600e-003	6.1600e-003	6.1600e-003			31.6828	5.9000e-003		31.6304
<b>Total</b>	<b>0.0179</b>	<b>0.1275</b>	<b>0.2272</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>6.3600e-003</b>	<b>6.3600e-003</b>	<b>6.1600e-003</b>	<b>6.1600e-003</b>	<b>6.1600e-003</b>			<b>31.6828</b>	<b>5.9000e-003</b>		<b>31.6304</b>

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**3.32 35 Install/Remove Guard Structures - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	8.1000e-004	0.0284	5.5100e-003	1.1000e-004	2.0026	5.0000e-005	2.0026	0.2001	5.0000e-005	0.2002			10.2511	3.4000e-004		10.2596
Vendor	2.7700e-003	0.0250	0.0125	1.8000e-004	3.5662	8.0000e-005	3.5662	0.3570	8.0000e-005	0.3570			17.2163	1.5000e-004		17.2201
Worker	4.1500e-003	2.5900e-003	0.0224	7.0000e-005	7.8600e-003	5.0000e-005	7.8600e-003	2.0600e-003	5.0000e-005	2.1300e-003			5.9820	1.8000e-004		5.9864
<b>Total</b>	<b>7.7300e-003</b>	<b>0.0560</b>	<b>0.0404</b>	<b>3.6000e-004</b>	<b>5.5765</b>	<b>1.8000e-004</b>	<b>5.5767</b>	<b>0.5592</b>	<b>1.8000e-004</b>	<b>0.5593</b>			<b>33.4483</b>	<b>6.7000e-004</b>		<b>33.4661</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0179	0.1275	0.2272	3.6000e-004	0.0000	6.3600e-003	6.3600e-003	0.0000	6.1600e-003	6.1600e-003			31.6828	5.9000e-003		31.6303
<b>Total</b>	<b>0.0179</b>	<b>0.1275</b>	<b>0.2272</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>6.3600e-003</b>	<b>6.3600e-003</b>	<b>0.0000</b>	<b>6.1600e-003</b>	<b>6.1600e-003</b>			<b>31.6828</b>	<b>5.9000e-003</b>		<b>31.6303</b>

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**3.32 35 Install/Remove Guard Structures - 2024**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e		
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4		N2O	
Hauling	8.1000e-004	0.0284	5.5100e-003	1.1000e-004	0.1253	5.0000e-005	0.1254	0.0128	5.0000e-005	0.0128	0.0128			10.2511	3.4000e-004		10.2596
Vendor	2.7700e-003	0.0250	0.0125	1.8000e-004	0.2250	8.0000e-005	0.2251	0.0236	8.0000e-005	0.0236	0.0236			17.2163	1.5000e-004		17.2201
Worker	4.1500e-003	2.5900e-003	0.0224	7.0000e-005	7.6300e-003	5.0000e-005	7.6800e-003	2.1300e-003	5.0000e-005	2.1300e-003	0.0385			5.9820	1.8000e-004		5.9864
<b>Total</b>	<b>7.7300e-003</b>	<b>0.0560</b>	<b>0.0404</b>	<b>3.6000e-004</b>	<b>0.3581</b>	<b>1.8000e-004</b>	<b>0.3583</b>	<b>0.0383</b>	<b>1.8000e-004</b>	<b>0.0385</b>	<b>0.0385</b>			<b>33.4483</b>	<b>6.7000e-004</b>		<b>33.4661</b>

**3.33 09A Install TSP Foundation MP - 2023**  
**Unmitigated Construction On-Site**

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

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**3.33 09A Install TSP Foundation MP - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.1000e-004	7.9400e-003	1.4100e-003	3.0000e-005	2.8312	1.0000e-005	2.8312	0.2829	1.0000e-005	0.2829			2.4867	1.1000e-004		2.4994
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>2.1000e-004</b>	<b>7.9400e-003</b>	<b>1.4100e-003</b>	<b>3.0000e-005</b>	<b>2.8312</b>	<b>1.0000e-005</b>	<b>2.8312</b>	<b>0.2829</b>	<b>1.0000e-005</b>	<b>0.2829</b>			<b>2.4867</b>	<b>1.1000e-004</b>		<b>2.4994</b>

**Mitigated Construction On-Site**

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

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**3.33 09A Install TSP Foundation MP - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.1000e-004	7.9400e-003	1.4100e-003	3.0000e-005	0.1771	1.0000e-005	0.1771	0.0180	1.0000e-005	0.0180			2.4867	1.1000e-004		2.4994
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>2.1000e-004</b>	<b>7.9400e-003</b>	<b>1.4100e-003</b>	<b>3.0000e-005</b>	<b>0.1771</b>	<b>1.0000e-005</b>	<b>0.1771</b>	<b>0.0180</b>	<b>1.0000e-005</b>	<b>0.0180</b>			<b>2.4867</b>	<b>1.1000e-004</b>		<b>2.4994</b>

**3.33 09A Install TSP Foundation MP - 2024**  
**Unmitigated Construction On-Site**

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

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**3.33 09A Install TSP Foundation MP - 2024**  
**Unmitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr						
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.9600e-003	0.0729	0.0131	2.5000e-004	2.8322	1.1000e-004	2.8323	0.2832	1.0000e-004	0.2833			23.4258	8.6000e-004		23.4498
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>1.9600e-003</b>	<b>0.0729</b>	<b>0.0131</b>	<b>2.5000e-004</b>	<b>2.8322</b>	<b>1.1000e-004</b>	<b>2.8323</b>	<b>0.2832</b>	<b>1.0000e-004</b>	<b>0.2833</b>			<b>23.4258</b>	<b>8.6000e-004</b>		<b>23.4498</b>

**Mitigated Construction On-Site**

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

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**3.33 09A Install TSP Foundation MP - 2024**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O	
Hauling	1.9600e-003	0.0729	0.0131	2.5000e-004	0.1781	1.1000e-004	0.1782	0.0163	1.0000e-004	0.0184	23.4258	9.6000e-004					23.4498
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>1.9600e-003</b>	<b>0.0729</b>	<b>0.0131</b>	<b>2.5000e-004</b>	<b>0.1781</b>	<b>1.1000e-004</b>	<b>0.1782</b>	<b>0.0163</b>	<b>1.0000e-004</b>	<b>0.0184</b>	<b>23.4258</b>	<b>9.6000e-004</b>					<b>23.4498</b>

**3.34 09B Install TSP Foundation MP - 2023**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O	
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000
Off-Road	6.0000e-003	0.0589	0.0335	1.4000e-004	1.9700e-003	1.9700e-003	1.9700e-003	1.8100e-003	1.8100e-003	1.8100e-003	12.1778	3.9400e-003					12.2763
<b>Total</b>	<b>6.0000e-003</b>	<b>0.0589</b>	<b>0.0335</b>	<b>1.4000e-004</b>	<b>1.9700e-003</b>	<b>1.9700e-003</b>	<b>1.9700e-003</b>	<b>1.8100e-003</b>	<b>1.8100e-003</b>	<b>1.8100e-003</b>	<b>12.1778</b>	<b>3.9400e-003</b>					<b>12.2763</b>



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**3.34 09B Install TSP Foundation MP - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.8000e-004	9.6600e-003	1.9100e-003	4.0000e-005	12.0452	2.0000e-005	12.0452	1.2029	2.0000e-005	1.2029			3.6168	1.1000e-004		3.6195
Vendor	7.6000e-004	6.5500e-003	3.6200e-003	5.0000e-005	0.9041	2.0000e-005	0.9041	0.0905	2.0000e-005	0.0905			4.3817	5.0000e-005		4.3828
Worker	2.2400e-003	1.4700e-003	0.0125	3.0000e-005	3.9700e-003	3.0000e-005	4.0000e-003	1.0600e-003	2.0000e-005	1.0600e-003			3.1544	1.0000e-004		3.1569
<b>Total</b>	<b>3.2800e-003</b>	<b>0.0177</b>	<b>0.0180</b>	<b>1.2000e-004</b>	<b>12.9533</b>	<b>7.0000e-005</b>	<b>12.9533</b>	<b>1.2945</b>	<b>6.0000e-005</b>	<b>1.2945</b>			<b>11.1528</b>	<b>2.6000e-004</b>		<b>11.1593</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	6.0000e-003	0.0589	0.0335	1.4000e-004	1.9700e-003	1.9700e-003	1.9700e-003	1.8100e-003	1.8100e-003	1.8100e-003			12.1778	3.9400e-003		12.2763
<b>Total</b>	<b>6.0000e-003</b>	<b>0.0589</b>	<b>0.0335</b>	<b>1.4000e-004</b>	<b>1.9700e-003</b>	<b>1.9700e-003</b>	<b>1.9700e-003</b>	<b>1.8100e-003</b>	<b>1.8100e-003</b>	<b>1.8100e-003</b>			<b>12.1778</b>	<b>3.9400e-003</b>		<b>12.2763</b>

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**3.34 09B Install TSP Foundation MP - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.8000e-004	9.6600e-003	1.9100e-003	4.0000e-005	0.7502	2.0000e-005	0.7502	0.0756	2.0000e-005	0.0756			3.6168	1.1000e-004		3.6195
Vendor	7.6000e-004	6.5500e-003	3.6200e-003	5.0000e-005	0.0570	2.0000e-005	0.0571	5.9500e-003	2.0000e-005	5.9700e-003			4.3817	5.0000e-005		4.3828
Worker	2.2400e-003	1.4700e-003	0.0125	3.0000e-005	3.9700e-003	3.0000e-005	4.0000e-003	1.0600e-003	2.0000e-005	1.0600e-003			3.1544	1.0000e-004		3.1569
<b>Total</b>	<b>3.2800e-003</b>	<b>0.0177</b>	<b>0.0180</b>	<b>1.2000e-004</b>	<b>0.8112</b>	<b>7.0000e-005</b>	<b>0.8113</b>	<b>0.0826</b>	<b>6.0000e-005</b>	<b>0.0826</b>			<b>11.1528</b>	<b>2.6000e-004</b>		<b>11.1593</b>

**3.34 09B Install TSP Foundation MP - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0982	0.9001	0.5785	2.4200e-003	0.0000	0.0301	0.0301	0.0277	0.0000	0.0277			212.4191	0.0667		214.1367
<b>Total</b>	<b>0.0982</b>	<b>0.9001</b>	<b>0.5785</b>	<b>2.4200e-003</b>	<b>0.0000</b>	<b>0.0301</b>	<b>0.0301</b>	<b>0.0277</b>	<b>0.0000</b>	<b>0.0277</b>			<b>212.4191</b>	<b>0.0667</b>		<b>214.1367</b>

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**3.34 09B Install TSP Foundation MP - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	4.8300e-003	0.1627	0.0330	6.6000e-004	12.0484	3.1000e-004	12.0487	1.2041	3.0000e-004	1.2044			62.6701	4.8300e-003		62.7158
Vendor	0.0123	0.1105	0.0552	8.1000e-004	15.7715	3.6000e-004	15.7718	1.5786	3.4000e-004	1.5790			76.1395	6.8000e-004		76.1564
Worker	0.0367	0.0229	0.1982	5.9000e-004	0.0693	4.4000e-004	0.0697	0.0164	4.0000e-004	0.0168			52.9108	1.5800e-003		52.9502
<b>Total</b>	<b>0.0538</b>	<b>0.2961</b>	<b>0.2864</b>	<b>2.0600e-003</b>	<b>27.8892</b>	<b>1.1000e-003</b>	<b>27.8903</b>	<b>2.8011</b>	<b>1.0400e-003</b>	<b>2.8022</b>			<b>191.7204</b>	<b>4.0900e-003</b>		<b>191.8224</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.0982	0.9001	0.5785	2.4200e-003		0.0301	0.0301		0.0277	0.0277			212.4189	0.0667		214.1364
<b>Total</b>	<b>0.0982</b>	<b>0.9001</b>	<b>0.5785</b>	<b>2.4200e-003</b>	<b>0.0000</b>	<b>0.0301</b>	<b>0.0301</b>	<b>0.0000</b>	<b>0.0277</b>	<b>0.0277</b>			<b>212.4189</b>	<b>0.0667</b>		<b>214.1364</b>

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**3.34 09B Install TSP Foundation MP - 2024**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e			
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2		Total CO2	CH4	N2O
Hauling	4.8300e-003	0.1627	0.0330	6.6000e-004	0.7534	3.1000e-004	0.7538	0.0767	3.0000e-004	0.0770	62.6701	1.8300e-003				62.7158
Vendor	0.0123	0.1105	0.0552	8.1000e-004	0.9950	3.5000e-004	0.9954	0.1038	3.4000e-004	0.1041	76.1395	6.8000e-004				76.1564
Worker	0.0367	0.0229	0.1982	5.9000e-004	0.0693	4.4000e-004	0.0697	0.0164	4.0000e-004	0.0168	52.9108	1.5800e-003				52.9502
<b>Total</b>	<b>0.0538</b>	<b>0.2961</b>	<b>0.2864</b>	<b>2.0600e-003</b>	<b>1.8178</b>	<b>1.1000e-003</b>	<b>1.8189</b>	<b>0.1980</b>	<b>1.0400e-003</b>	<b>0.2000</b>	<b>191.7204</b>	<b>4.0900e-003</b>				<b>191.8224</b>

**3.34 09B Install TSP Foundation MP - 2025**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e			
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2		Total CO2	CH4	N2O
Fugitive Dust Off-Road	0.0127	0.1030	0.0816	3.5000e-004	3.4600e-003	3.4600e-003	3.4600e-003	3.1800e-003	3.1800e-003	3.1800e-003	30.4477	9.8500e-003				30.6938
<b>Total</b>	<b>0.0127</b>	<b>0.1030</b>	<b>0.0816</b>	<b>3.5000e-004</b>	<b>3.4600e-003</b>	<b>3.4600e-003</b>	<b>3.4600e-003</b>	<b>0.0000</b>	<b>3.1800e-003</b>	<b>0.0000</b>	<b>30.4477</b>	<b>9.8500e-003</b>				<b>30.6938</b>

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**3.34 09B Install TSP Foundation MP - 2025**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	6.8000e-004	0.0226	4.7000e-003	9.0000e-005	12.0455	4.0000e-005	12.0455	1.2030	4.0000e-005	1.2031			8.9212	2.5000e-004		8.9275
Vendor	1.6500e-003	0.0154	7.0600e-003	1.2000e-004	2.2602	5.0000e-005	2.2603	0.2282	5.0000e-005	0.2283			10.8729	8.0000e-005		10.8750
Worker	4.9300e-003	2.9700e-003	0.0261	8.0000e-005	9.9300e-003	6.0000e-005	9.9900e-003	2.6400e-003	6.0000e-005	2.7000e-003			7.2833	2.0000e-004		7.2884
<b>Total</b>	<b>7.2600e-003</b>	<b>0.0410</b>	<b>0.0378</b>	<b>2.9000e-004</b>	<b>14.3156</b>	<b>1.5000e-004</b>	<b>14.3158</b>	<b>1.4319</b>	<b>1.5000e-004</b>	<b>1.4320</b>			<b>27.0774</b>	<b>5.3000e-004</b>		<b>27.0908</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0127	0.1030	0.0816	3.5000e-004	3.4600e-003	3.4600e-003	3.4600e-003	3.1800e-003	3.1800e-003	3.1800e-003			30.4476	9.8500e-003		30.6938
<b>Total</b>	<b>0.0127</b>	<b>0.1030</b>	<b>0.0816</b>	<b>3.5000e-004</b>	<b>3.4600e-003</b>	<b>3.4600e-003</b>	<b>3.4600e-003</b>	<b>3.1800e-003</b>	<b>3.1800e-003</b>	<b>3.1800e-003</b>			<b>30.4476</b>	<b>9.8500e-003</b>		<b>30.6938</b>

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**3.34 09B Install TSP Foundation MP - 2025**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	6.8000e-004	0.0226	4.7000e-003	9.0000e-005	0.7505	4.0000e-005	0.7505	0.0757	4.0000e-005	0.0757			8.9212	2.5000e-004		8.9275
Vendor	1.6500e-003	0.0154	7.0600e-003	1.2000e-004	0.1426	5.0000e-005	0.1427	0.0149	5.0000e-005	0.0149			10.8729	8.0000e-005		10.8750
Worker	4.9300e-003	2.9700e-003	0.0261	8.0000e-005	9.9300e-003	6.0000e-005	9.9900e-003	2.6400e-003	6.0000e-005	2.7000e-003			7.2833	2.0000e-004		7.2864
<b>Total</b>	<b>7.2600e-003</b>	<b>0.0410</b>	<b>0.0378</b>	<b>2.9000e-004</b>	<b>0.9030</b>	<b>1.5000e-004</b>	<b>0.9032</b>	<b>0.0932</b>	<b>1.5000e-004</b>	<b>0.0933</b>			<b>27.0774</b>	<b>5.3000e-004</b>		<b>27.0908</b>

**3.35 13A Install TSP H-Frame Foundations - 2023**  
**Unmitigated Construction On-Site**

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

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**3.35 13A Install TSP H-Frame Foundations - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	7.0000e-005	1.0000e-005	0.0000	2.5100e-003	0.0000	2.5100e-003	2.5000e-004	0.0000	2.5000e-004			0.0231	0.0000		0.0231
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.5100e-003</b>	<b>0.0000</b>	<b>2.5100e-003</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>2.5000e-004</b>			<b>0.0231</b>	<b>0.0000</b>		<b>0.0231</b>

**Mitigated Construction On-Site**

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

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**3.35 13A Install TSP H-Frame Foundations - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	7.0000e-005	1.0000e-005	0.0000	1.6000e-004	0.0000	1.6000e-004	2.0000e-005	0.0000	2.0000e-005			0.0231	0.0000		0.0231
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>			<b>0.0231</b>	<b>0.0000</b>		<b>0.0231</b>

**3.36 13B Install TSP H-Frame Foundations - 2023**  
**Unmitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bleed-CO2	NBleed-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	5.9000e-004	4.0100e-003	5.5700e-003	1.0000e-005	2.2000e-004	2.2000e-004	2.2000e-004	2.2000e-004	2.2000e-004	2.2000e-004			0.7856	5.0000e-005		0.7868
<b>Total</b>	<b>5.9000e-004</b>	<b>4.0100e-003</b>	<b>5.5700e-003</b>	<b>1.0000e-005</b>	<b>2.2000e-004</b>	<b>2.2000e-004</b>	<b>2.2000e-004</b>	<b>2.2000e-004</b>	<b>2.2000e-004</b>	<b>2.2000e-004</b>			<b>0.7856</b>	<b>5.0000e-005</b>		<b>0.7868</b>



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**3.36 13B Install TSP H-Frame Foundations - 2023**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.000e-005	5.900e-004	1.000e-004	0.0000	0.0452	0.0000	0.0452	4.5100e-003	0.0000	4.5100e-003			0.1849	1.000e-005		0.1851
Vendor	3.4000e-004	2.9100e-003	1.6100e-003	2.0000e-005	0.4018	1.0000e-005	0.4018	0.0402	1.0000e-005	0.0402			1.9474	2.0000e-005		1.9479
Worker	5.0000e-004	3.3000e-004	2.7800e-003	1.0000e-005	8.6000e-004	1.0000e-005	8.9000e-004	2.3000e-004	1.0000e-005	2.4000e-004			0.7010	2.0000e-005		0.7015
<b>Total</b>	<b>8.6000e-004</b>	<b>3.8300e-003</b>	<b>4.4900e-003</b>	<b>3.0000e-005</b>	<b>0.4479</b>	<b>2.0000e-005</b>	<b>0.4479</b>	<b>0.0450</b>	<b>2.0000e-005</b>	<b>0.0450</b>			<b>2.8333</b>	<b>5.0000e-005</b>		<b>2.8346</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	5.9000e-004	4.0100e-003	5.5700e-003	1.0000e-005	2.2000e-004	2.2000e-004	2.2000e-004	2.2000e-004	2.2000e-004	2.2000e-004			0.7856	5.0000e-005		0.7868
<b>Total</b>	<b>5.9000e-004</b>	<b>4.0100e-003</b>	<b>5.5700e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.2000e-004</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>2.2000e-004</b>	<b>2.2000e-004</b>			<b>0.7856</b>	<b>5.0000e-005</b>		<b>0.7868</b>

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**3.36 13B Install TSP H-Frame Foundations - 2023**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.0000e-005	5.9000e-004	1.0000e-004	0.0000	2.5000e-003	0.0000	2.8000e-003	2.8000e-004	0.0000	2.8000e-004			0.1849	1.0000e-005		0.1851
Vendor	3.4000e-004	2.9100e-003	1.6100e-003	2.0000e-005	0.0254	1.0000e-005	0.0254	2.6400e-003	1.0000e-005	2.6500e-003			1.9474	2.0000e-005		1.9479
Worker	5.0000e-004	3.3000e-004	2.7800e-003	1.0000e-005	8.5000e-004	1.0000e-005	8.9000e-004	2.3000e-004	1.0000e-005	2.4000e-004			0.7010	2.0000e-005		0.7015
<b>Total</b>	<b>8.6000e-004</b>	<b>3.8300e-003</b>	<b>4.4900e-003</b>	<b>3.0000e-005</b>	<b>0.0290</b>	<b>2.0000e-005</b>	<b>0.0291</b>	<b>3.1500e-003</b>	<b>2.0000e-005</b>	<b>3.1700e-003</b>			<b>2.8333</b>	<b>5.0000e-005</b>		<b>2.8346</b>

**3.37 10 TSP Haul MP - 2024**  
**Unmitigated Construction On-Site**

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

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**3.37 10 TSP Haul MP - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				CO2e
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	
Hauling	1.4600e-003	0.0476	9.9900e-003	2.0000e-004	1.9936	1.0000e-004	1.9937	0.1966	9.0000e-005	0.1997			19.3233	5.0000e-004		19.3359
Vendor	2.5000e-003	0.0225	0.0113	1.7000e-004	3.2146	7.0000e-005	3.2146	0.3218	7.0000e-005	0.3218			15.5169	1.4000e-004		15.5223
Worker	7.4600e-003	4.6700e-003	0.0404	1.2000e-004	0.0141	9.0000e-005	0.0142	3.7500e-003	8.0000e-005	3.8400e-003			10.7844	3.2000e-004		10.7924
<b>Total</b>	<b>0.0114</b>	<b>0.0748</b>	<b>0.0616</b>	<b>4.9000e-004</b>	<b>5.2223</b>	<b>2.6000e-004</b>	<b>5.2226</b>	<b>0.5251</b>	<b>2.4000e-004</b>	<b>0.5253</b>			<b>45.6266</b>	<b>8.6000e-004</b>		<b>45.6307</b>

**Mitigated Construction On-Site**

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

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**3.37 10 TSP Haul MP - 2024**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e			
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O
Hauling	1.4600e-003	0.0476	9.9900e-003	2.0000e-004	0.1263	1.0000e-004	0.1264	0.0132	9.0000e-005	0.0133			19.3233	5.0000e-004		19.3359
Vendor	2.5000e-003	0.0225	0.0113	1.7000e-004	0.2028	7.0000e-005	0.2029	0.0212	7.0000e-005	0.0212			15.5169	1.4000e-004		15.5223
Worker	7.4600e-003	4.6700e-003	0.0404	1.2000e-004	0.0141	9.0000e-005	0.0142	3.7500e-003	8.0000e-005	3.8400e-003			10.7844	3.2000e-004		10.7924
<b>Total</b>	<b>0.0114</b>	<b>0.0748</b>	<b>0.0616</b>	<b>4.9000e-004</b>	<b>0.3433</b>	<b>2.6000e-004</b>	<b>0.3435</b>	<b>0.0381</b>	<b>2.4000e-004</b>	<b>0.0384</b>			<b>45.6266</b>	<b>8.6000e-004</b>		<b>45.6507</b>

**3.38 11A TSP Assembly MP - 2024**  
**Unmitigated Construction On-Site**

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

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**3.38 11A TSP Assembly MP - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	7.000e-005	2.710e-003	4.900e-004	1.000e-005	0.0954	0.0000	0.0954	9.5400e-003	0.0000	9.5500e-003			0.8727	4.000e-005		0.8736
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>7.000e-005</b>	<b>2.710e-003</b>	<b>4.900e-004</b>	<b>1.000e-005</b>	<b>0.0954</b>	<b>0.0000</b>	<b>0.0954</b>	<b>9.5400e-003</b>	<b>0.0000</b>	<b>9.5500e-003</b>			<b>0.8727</b>	<b>4.000e-005</b>		<b>0.8736</b>

**Mitigated Construction On-Site**

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

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**3.38 11A TSP Assembly MP - 2024**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	7.000e-005	2.710e-003	4.900e-004	1.000e-005	6.000e-003	0.0000	6.010e-003	6.200e-004	0.0000	6.200e-004			0.8727	4.000e-005		0.8736
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>7.000e-005</b>	<b>2.710e-003</b>	<b>4.900e-004</b>	<b>1.000e-005</b>	<b>6.000e-003</b>	<b>0.0000</b>	<b>6.010e-003</b>	<b>6.200e-004</b>	<b>0.0000</b>	<b>6.200e-004</b>			<b>0.8727</b>	<b>4.000e-005</b>		<b>0.8736</b>

**3.39 11B TSP Assembly MP - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.0218	0.1467	0.2179	3.600e-004	7.330e-003	7.330e-003	7.330e-003	7.330e-003	7.330e-003	7.330e-003			30.7373	1.730e-003		30.7805
<b>Total</b>	<b>0.0218</b>	<b>0.1467</b>	<b>0.2179</b>	<b>3.600e-004</b>	<b>7.330e-003</b>	<b>7.330e-003</b>	<b>7.330e-003</b>	<b>7.330e-003</b>	<b>7.330e-003</b>	<b>7.330e-003</b>			<b>30.7373</b>	<b>1.730e-003</b>		<b>30.7805</b>

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**3.39 11B TSP Assembly MP - 2024**  
**Unmitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4		N2O
Hauling	6.000e-004	0.0224	4.0300e-003	8.0000e-005	2.1673	3.0000e-005	2.1673	0.2164	3.0000e-005	0.2164			7.1885	2.9000e-004		7.1959
Vendor	0.0122	0.1102	0.0550	8.1000e-004	15.7213	3.6000e-004	15.7216	1.5736	3.4000e-004	1.5740			75.8971	6.7000e-004		75.9139
Worker	0.0183	0.0114	0.0988	2.9000e-004	0.0345	2.2000e-004	0.0348	9.1800e-003	2.0000e-004	9.3800e-003			26.3711	7.9000e-004		26.3908
<b>Total</b>	<b>0.0311</b>	<b>0.1440</b>	<b>0.1578</b>	<b>1.1800e-003</b>	<b>17.9231</b>	<b>6.0000e-004</b>	<b>17.9237</b>	<b>1.7992</b>	<b>5.7000e-004</b>	<b>1.7997</b>			<b>109.4567</b>	<b>1.7500e-003</b>		<b>109.5005</b>

**Mitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr					MT/yr					CO2e	
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4		N2O
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.0218	0.1467	0.2179	3.6000e-004	7.3300e-003	7.3300e-003	7.3300e-003	7.3300e-003	7.3300e-003	7.3300e-003			30.7372	1.7300e-003		30.7805
<b>Total</b>	<b>0.0218</b>	<b>0.1467</b>	<b>0.2179</b>	<b>3.6000e-004</b>	<b>7.3300e-003</b>	<b>7.3300e-003</b>	<b>7.3300e-003</b>	<b>7.3300e-003</b>	<b>7.3300e-003</b>	<b>7.3300e-003</b>			<b>30.7372</b>	<b>1.7300e-003</b>		<b>30.7805</b>

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**3.39 11B TSP Assembly MP - 2024**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e					
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O		
Hauling	6.000e-004	0.0224	4.0300e-003	8.0000e-005	0.1344	3.0000e-005	0.1344	0.0135	3.0000e-005	0.0135				7.1885	2.9000e-004			7.1959
Vendor	0.0122	0.1102	0.0550	8.1000e-004	0.9919	3.5000e-004	0.9922	0.1035	3.4000e-004	0.1038				75.8971	6.7000e-004			75.9139
Worker	0.0183	0.0114	0.0988	2.9000e-004	0.0345	2.2000e-004	0.0348	9.1800e-003	2.0000e-004	9.3800e-003				26.3711	7.9000e-004			26.3908
<b>Total</b>	<b>0.0311</b>	<b>0.1440</b>	<b>0.1578</b>	<b>1.1800e-003</b>	<b>1.1608</b>	<b>6.0000e-004</b>	<b>1.1613</b>	<b>0.1261</b>	<b>5.7000e-004</b>	<b>0.1267</b>				<b>109.4567</b>	<b>1.7500e-003</b>			<b>109.5005</b>

**3.39 11B TSP Assembly MP - 2025**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr			MT/yr					CO2e					
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O		
Fugitive Dust Off-Road	4.6700e-003	0.0313	0.0494	8.0000e-005	0.0000	1.4100e-003	1.4100e-003	0.0000	1.4100e-003	0.0000				6.9724	3.8000e-004			6.9819
<b>Total</b>	<b>4.6700e-003</b>	<b>0.0313</b>	<b>0.0494</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>1.4100e-003</b>	<b>1.4100e-003</b>	<b>0.0000</b>	<b>1.4100e-003</b>	<b>0.0000</b>				<b>6.9724</b>	<b>3.8000e-004</b>			<b>6.9819</b>



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**3.39 11B TSP Assembly MP - 2025**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.3000e-004	4.9500e-003	9.1000e-004	2.0000e-005	2.1670	1.0000e-005	2.1670	0.2163	1.0000e-005	0.2163			1.6190	6.0000e-005		1.6206
Vendor	2.6000e-003	0.0243	0.0111	1.8000e-004	3.5662	8.0000e-005	3.5662	0.3570	7.0000e-005	0.3570			17.1550	1.3000e-004		17.1583
Worker	3.8000e-003	2.3400e-003	0.0206	6.0000e-005	7.6300e-003	5.0000e-005	7.8600e-003	2.0800e-003	4.0000e-005	2.1300e-003			5.7457	1.6000e-004		5.7497
<b>Total</b>	<b>6.6200e-003</b>	<b>0.0316</b>	<b>0.0328</b>	<b>2.6000e-004</b>	<b>5.7410</b>	<b>1.4000e-004</b>	<b>5.7412</b>	<b>0.5753</b>	<b>1.2000e-004</b>	<b>0.5755</b>			<b>24.5197</b>	<b>3.5000e-004</b>		<b>24.5286</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	4.6700e-003	0.0313	0.0494	8.0000e-005	1.4100e-003	1.4100e-003	1.4100e-003	1.4100e-003	1.4100e-003	1.4100e-003			6.9723	3.8000e-004		6.9819
<b>Total</b>	<b>4.6700e-003</b>	<b>0.0313</b>	<b>0.0494</b>	<b>8.0000e-005</b>	<b>1.4100e-003</b>	<b>1.4100e-003</b>	<b>1.4100e-003</b>	<b>1.4100e-003</b>	<b>1.4100e-003</b>	<b>1.4100e-003</b>			<b>6.9723</b>	<b>3.8000e-004</b>		<b>6.9819</b>

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**3.39 11B TSP Assembly MP - 2025**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.3000e-004	4.9500e-003	9.1000e-004	2.0000e-005	0.1341	1.0000e-005	0.1341	0.0134	1.0000e-005	0.0134			1.6190	6.0000e-005		1.6206
Vendor	2.6000e-003	0.0243	0.0111	1.8000e-004	0.2250	8.0000e-005	0.2251	0.0235	7.0000e-005	0.0235			17.1550	1.3000e-004		17.1583
Worker	3.8000e-003	2.3400e-003	0.0206	6.0000e-005	7.6300e-003	5.0000e-005	7.8600e-003	2.0600e-003	4.0000e-005	2.1300e-003			5.7457	1.6000e-004		5.7497
<b>Total</b>	<b>6.6200e-003</b>	<b>0.0316</b>	<b>0.0326</b>	<b>2.6000e-004</b>	<b>0.3669</b>	<b>1.4000e-004</b>	<b>0.3670</b>	<b>0.0369</b>	<b>1.2000e-004</b>	<b>0.0391</b>			<b>24.5197</b>	<b>3.5000e-004</b>		<b>24.5286</b>

**3.40 12 TSP Erection MP - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.0783	0.7309	0.6917	1.5500e-003	0.0309	0.0309	0.0309	0.0291	0.0291	0.0291			135.7184	0.0357		136.6105
<b>Total</b>	<b>0.0783</b>	<b>0.7309</b>	<b>0.6917</b>	<b>1.5500e-003</b>	<b>0.0309</b>	<b>0.0309</b>	<b>0.0309</b>	<b>0.0291</b>	<b>0.0291</b>	<b>0.0291</b>			<b>135.7184</b>	<b>0.0357</b>		<b>136.6105</b>

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**3.40 12 TSP Erection MP - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	6.000e-004	0.0224	4.0300e-003	8.0000e-005	2.1673	3.0000e-005	2.1673	0.2164	3.0000e-005	0.2164			7.1885	2.9000e-004		7.1959
Vendor	6.100e-003	0.0551	0.0275	4.0000e-004	7.8606	1.8000e-004	7.8608	0.7870	1.7000e-004	0.7870			37.9485	3.4000e-004		37.9569
Worker	0.0183	0.0114	0.0988	2.9000e-004	0.0345	2.2000e-004	0.0348	9.1800e-003	2.0000e-004	9.3800e-003			26.3711	7.9000e-004		26.3908
<b>Total</b>	<b>0.0250</b>	<b>0.0889</b>	<b>0.1303</b>	<b>7.7000e-004</b>	<b>10.0625</b>	<b>4.3000e-004</b>	<b>10.0629</b>	<b>1.0124</b>	<b>4.0000e-004</b>	<b>1.0128</b>			<b>71.8082</b>	<b>1.4200e-003</b>		<b>71.5436</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0783	0.7309	0.6917	1.5500e-003	0.0000	0.0309	0.0309	0.0291	0.0000	0.0291			135.7183	0.0357		136.6104
<b>Total</b>	<b>0.0783</b>	<b>0.7309</b>	<b>0.6917</b>	<b>1.5500e-003</b>	<b>0.0000</b>	<b>0.0309</b>	<b>0.0309</b>	<b>0.0291</b>	<b>0.0000</b>	<b>0.0291</b>			<b>135.7183</b>	<b>0.0357</b>		<b>136.6104</b>

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**3.40 12 TSP Erection MP - 2024**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	tons/yr				PM2.5 Total	Blc-CO2	NBlc-CO2	Total CO2	CH4	N2O	CO2e
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5							
Hauling	6.000e-004	0.0224	4.0300e-003	8.0000e-005	0.1344	3.0000e-005	0.0135	3.0000e-005			7.1885	2.9000e-004			7.1959
Vendor	6.100e-003	0.0551	0.0275	4.0000e-004	0.4959	1.8000e-004	0.0517	1.7000e-004			37.9485	3.4000e-004			37.9569
Worker	0.0163	0.0114	0.0988	2.9000e-004	0.0345	2.2000e-004	0.0348	2.0000e-004			26.3711	7.9000e-004			26.3908
<b>Total</b>	<b>0.0250</b>	<b>0.0889</b>	<b>0.1303</b>	<b>7.7000e-004</b>	<b>0.6648</b>	<b>4.3000e-004</b>	<b>0.6652</b>	<b>0.0744</b>	<b>4.0000e-004</b>	<b>0.0748</b>	<b>71.5082</b>	<b>1.4200e-003</b>	<b>0.03</b>		<b>71.5436</b>

**3.40 12 TSP Erection MP - 2025**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	tons/yr				PM2.5 Total	Blc-CO2	NBlc-CO2	Total CO2	CH4	N2O	CO2e
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5							
Fugitive Dust Off-Road	0.0168	0.1511	0.1514	3.5000e-004	6.2900e-003	6.2900e-003	6.2900e-003	5.9000e-003			30.7810	8.0800e-003			30.9830
<b>Total</b>	<b>0.0168</b>	<b>0.1511</b>	<b>0.1514</b>	<b>3.5000e-004</b>	<b>6.2900e-003</b>	<b>6.2900e-003</b>	<b>6.2900e-003</b>	<b>5.9000e-003</b>			<b>30.7810</b>	<b>8.0800e-003</b>	<b>0.03</b>		<b>30.9830</b>

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**3.40 12 TSP Erection MP - 2025**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	4.3000e-004	4.9500e-003	9.1000e-004	2.0000e-005	2.1670	1.0000e-005	2.1670	0.2163	1.0000e-005	0.2163			1.6190	6.0000e-005		1.6206
Vendor	1.3000e-003	0.0122	5.5700e-003	9.0000e-005	1.7831	4.0000e-005	1.7831	0.1785	4.0000e-005	0.1785			8.5775	7.0000e-005		8.5792
Worker	3.8000e-003	2.3400e-003	0.0206	6.0000e-005	7.8300e-003	5.0000e-005	7.8600e-003	2.0800e-003	4.0000e-005	2.1300e-003			5.7457	1.6000e-004		5.7497
<b>Total</b>	<b>5.3200e-003</b>	<b>0.0184</b>	<b>0.0271</b>	<b>1.7000e-004</b>	<b>3.9579</b>	<b>1.0000e-004</b>	<b>3.9580</b>	<b>0.3968</b>	<b>9.0000e-005</b>	<b>0.3969</b>			<b>15.9422</b>	<b>2.9000e-004</b>		<b>15.9495</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust Off-Road	0.0168	0.1511	0.1514	3.5000e-004	6.2900e-003	6.2900e-003	6.2900e-003	5.9000e-003	5.9000e-003	5.9000e-003			30.7809	8.0800e-003		30.9829
<b>Total</b>	<b>0.0168</b>	<b>0.1511</b>	<b>0.1514</b>	<b>3.5000e-004</b>	<b>6.2900e-003</b>	<b>6.2900e-003</b>	<b>6.2900e-003</b>	<b>5.9000e-003</b>	<b>5.9000e-003</b>	<b>5.9000e-003</b>			<b>30.7809</b>	<b>8.0800e-003</b>		<b>30.9829</b>

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**3.40 12 TSP Erection MP - 2025**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	4.3000e-004	4.9500e-003	9.1000e-004	2.0000e-005	0.1341	1.0000e-005	0.1341	0.0134	1.0000e-005	0.0134			1.6190	6.0000e-005		1.6206
Vendor	1.3000e-003	0.0122	5.5700e-003	9.0000e-005	0.1125	4.0000e-005	0.1125	0.0117	4.0000e-005	0.0118			8.5775	7.0000e-005		8.5792
Worker	3.8000e-003	2.3400e-003	0.0206	6.0000e-005	7.6300e-003	5.0000e-005	7.8600e-003	2.0600e-003	4.0000e-005	2.1300e-003			5.7457	1.6000e-004		5.7497
<b>Total</b>	<b>5.3200e-003</b>	<b>0.0184</b>	<b>0.0271</b>	<b>1.7000e-004</b>	<b>0.2544</b>	<b>1.0000e-004</b>	<b>0.2545</b>	<b>0.0272</b>	<b>9.0000e-005</b>	<b>0.0273</b>			<b>15.9422</b>	<b>2.9000e-004</b>		<b>15.9495</b>

**3.41 14 TSP H-Frame Haul - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	7.0000e-005	4.7000e-004	7.0000e-004	0.0000	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005			0.0982	1.0000e-005		0.0983
<b>Total</b>	<b>7.0000e-005</b>	<b>4.7000e-004</b>	<b>7.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>			<b>0.0982</b>	<b>1.0000e-005</b>		<b>0.0983</b>

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**3.41 14 TSP H-Frame Haul - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	1.4000e-004	3.0000e-005	0.0000	8.1600e-003	0.0000	8.1600e-003	8.1000e-004	0.0000	8.1000e-004			0.0459	0.0000		0.0460
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	6.0000e-005	4.0000e-005	3.2000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005			0.0843	0.0000		0.0843
<b>Total</b>	<b>6.0000e-005</b>	<b>1.8000e-004</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>8.2700e-003</b>	<b>0.0000</b>	<b>8.2700e-003</b>	<b>8.4000e-004</b>	<b>0.0000</b>	<b>8.4000e-004</b>			<b>0.1302</b>	<b>0.0000</b>		<b>0.1303</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	7.0000e-005	4.7000e-004	7.0000e-004	0.0000	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005			0.0982	1.0000e-005		0.0983
<b>Total</b>	<b>7.0000e-005</b>	<b>4.7000e-004</b>	<b>7.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>			<b>0.0982</b>	<b>1.0000e-005</b>		<b>0.0983</b>

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**3.41 14 TSP H-Frame Haul - 2024**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	1.4000e-004	3.0000e-005	0.0000	5.1000e-004	0.0000	5.1000e-004	5.0000e-005	0.0000	5.0000e-005			0.0459	0.0000		0.0460
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	6.0000e-005	4.0000e-005	3.2000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005			0.0843	0.0000		0.0843
<b>Total</b>	<b>6.0000e-005</b>	<b>1.8000e-004</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>6.2000e-004</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-005</b>			<b>0.1302</b>	<b>0.0000</b>		<b>0.1303</b>

**3.42 15A TSP H-Frame Assembly - 2024**  
**Unmitigated Construction On-Site**

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





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**3.42 15A TSP H-Frame Assembly - 2024**  
**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr															
Hauling	0.0000	9.0000e-005	2.0000e-005	0.0000	3.2000e-004	0.0000	3.2000e-004	3.0000e-005	0.0000	3.0000e-005			0.0377	0.0000		0.0378
Vendor	0.0000	0.0000	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
<b>Total</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>3.2000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>			<b>0.0377</b>	<b>0.0000</b>		<b>0.0378</b>

**3.43 15B TSP H-Frame Assembly - 2024**  
**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr															
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	2.8000e-004	1.8800e-003	2.7800e-003	0.0000	9.0000e-005	9.0000e-005	9.0000e-005	9.0000e-005	9.0000e-005	9.0000e-005			0.3928	2.0000e-005		0.3934
<b>Total</b>	<b>2.8000e-004</b>	<b>1.8800e-003</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>			<b>0.3928</b>	<b>2.0000e-005</b>		<b>0.3934</b>

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**3.43 15B TSP H-Frame Assembly - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.0000e-005	2.9000e-004	5.0000e-005	0.0000	0.0226	0.0000	0.0226	2.2500e-003	0.0000	2.2500e-003			0.0819	0.0000		0.0820
Vendor	6.0000e-005	7.0000e-004	3.5000e-004	1.0000e-005	0.1005	0.0000	0.1005	0.0101	0.0000	0.0101			0.4850	0.0000		0.4851
Worker	2.3000e-004	1.5000e-004	1.2600e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004			0.3370	1.0000e-005		0.3373
<b>Total</b>	<b>3.2000e-004</b>	<b>1.1400e-003</b>	<b>1.6600e-003</b>	<b>1.0000e-005</b>	<b>0.1235</b>	<b>0.0000</b>	<b>0.1235</b>	<b>0.0124</b>	<b>0.0000</b>	<b>0.0124</b>			<b>0.9139</b>	<b>1.0000e-005</b>		<b>0.9143</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	2.8000e-004	1.8800e-003	2.7800e-003	0.0000	9.0000e-005	9.0000e-005	9.0000e-005	9.0000e-005	9.0000e-005	9.0000e-005			0.3928	2.0000e-005		0.3934
<b>Total</b>	<b>2.8000e-004</b>	<b>1.8800e-003</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>			<b>0.3928</b>	<b>2.0000e-005</b>		<b>0.3934</b>

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**3.43 15B TSP H-Frame Assembly - 2024**  
**Mitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.0000e-005	2.9000e-004	5.0000e-005	0.0000	1.4000e-003	0.0000	1.4000e-003	1.4000e-004	0.0000	1.4000e-004			0.0619	0.0000		0.0620
Vendor	6.0000e-005	7.0000e-004	3.5000e-004	1.0000e-005	6.3400e-003	0.0000	6.3400e-003	6.6000e-004	0.0000	6.6000e-004			0.4850	0.0000		0.4851
Worker	2.3000e-004	1.5000e-004	1.2600e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004			0.3370	1.0000e-005		0.3373
<b>Total</b>	<b>3.2000e-004</b>	<b>1.1400e-003</b>	<b>1.6600e-003</b>	<b>1.0000e-005</b>	<b>8.1800e-003</b>	<b>0.0000</b>	<b>8.1800e-003</b>	<b>9.2000e-004</b>	<b>0.0000</b>	<b>9.2000e-004</b>			<b>0.9139</b>	<b>1.0000e-005</b>		<b>0.9143</b>

**3.44 16A TSP H-Frame Erection - 2024**  
**Unmitigated Construction On-Site**

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

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**3.44 16A TSP H-Frame Erection - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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
<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 Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
<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>

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**3.44 16A TSP H-Frame Erection - 2024**  
**Mitigated Construction Off-Site**

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

**3.45 16B TSP H-Frame Erection - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Ble- CO2	NBle- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	2.8000e-004	1.8800e-003	2.7800e-003	0.0000	9.0000e-005	9.0000e-005	9.0000e-005	9.0000e-005	9.0000e-005	9.0000e-005			0.3928	2.0000e-005		0.3934
<b>Total</b>	<b>2.8000e-004</b>	<b>1.8800e-003</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>			<b>0.3928</b>	<b>2.0000e-005</b>		<b>0.3934</b>

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**3.45 16B TSP H-Frame Erection - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.0000e-005	2.9000e-004	5.0000e-005	0.0000	0.0226	0.0000	0.0226	2.2500e-003	0.0000	2.2500e-003			0.0819	0.0000		0.0820
Vendor	1.6000e-004	1.4100e-003	7.0000e-004	1.0000e-005	0.2009	0.0000	0.2009	0.0201	0.0000	0.0201			0.9689	1.0000e-005		0.9702
Worker	2.3000e-004	1.5000e-004	1.2600e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004			0.3370	1.0000e-005		0.3373
<b>Total</b>	<b>4.0000e-004</b>	<b>1.8500e-003</b>	<b>2.0100e-003</b>	<b>1.0000e-005</b>	<b>0.2239</b>	<b>0.0000</b>	<b>0.2239</b>	<b>0.0225</b>	<b>0.0000</b>	<b>0.0225</b>			<b>1.3888</b>	<b>2.0000e-005</b>		<b>1.3994</b>

**Mitigated Construction On-Site**

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	2.8000e-004	1.8800e-003	2.7800e-003	0.0000	9.0000e-005	0.0000e-005	9.0000e-005	9.0000e-005	9.0000e-005	9.0000e-005			0.3928	2.0000e-005		0.3934
<b>Total</b>	<b>2.8000e-004</b>	<b>1.8800e-003</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000e-005</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>			<b>0.3928</b>	<b>2.0000e-005</b>		<b>0.3934</b>

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**3.45 16B TSP H-Frame Erection - 2024**  
**Mitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	1.0000e-005	2.9000e-004	5.0000e-005	0.0000	1.4000e-003	0.0000	1.4000e-003	1.4000e-004	0.0000	1.4000e-004			0.0819	0.0000		0.0820
Vendor	1.6000e-004	1.4100e-003	7.0000e-004	1.0000e-005	0.0127	0.0000	0.0127	1.3200e-003	0.0000	1.3300e-003			0.9699	1.0000e-005		0.9702
Worker	2.3000e-004	1.5000e-004	1.2600e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004			0.3370	1.0000e-005		0.3373
<b>Total</b>	<b>4.0000e-004</b>	<b>1.8500e-003</b>	<b>2.0100e-003</b>	<b>1.0000e-005</b>	<b>0.0145</b>	<b>0.0000</b>	<b>0.0145</b>	<b>1.5800e-003</b>	<b>0.0000</b>	<b>1.5900e-003</b>			<b>1.3988</b>	<b>2.0000e-005</b>		<b>1.3994</b>

**3.46 36 Telecommunications Underground Infrastructure Installation - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	2.9100e-003	0.0213	0.0409	7.0000e-005	1.0600e-003	1.0600e-003	1.0600e-003	1.0100e-003	1.0100e-003	1.0100e-003			5.6761	1.3300e-003		5.7093
<b>Total</b>	<b>2.9100e-003</b>	<b>0.0213</b>	<b>0.0409</b>	<b>7.0000e-005</b>	<b>1.0600e-003</b>	<b>1.0600e-003</b>	<b>1.0600e-003</b>	<b>1.0100e-003</b>	<b>1.0100e-003</b>	<b>1.0100e-003</b>			<b>5.6761</b>	<b>1.3300e-003</b>		<b>5.7093</b>



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**3.46 36 Telecommunications Underground Infrastructure Installation - 2024**  
**Unmitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	6.800e-004	0.0216	4.5300e-003	9.0000e-005	1.0487	4.0000e-005	1.0488	0.1049	4.0000e-005	0.1050			8.7559	2.3000e-004		8.7616
Vendor	5.7000e-004	5.1000e-003	2.5500e-003	4.0000e-005	0.7283	2.0000e-005	0.7283	0.0729	2.0000e-005	0.0729			3.5160	3.0000e-005		3.5168
Worker	2.0300e-003	1.2700e-003	0.0110	3.0000e-005	3.8400e-003	2.0000e-005	3.8600e-003	1.0200e-003	2.0000e-005	1.0400e-003			2.9320	9.0000e-005		2.9342
<b>Total</b>	<b>3.2800e-003</b>	<b>0.0279</b>	<b>0.0181</b>	<b>1.6000e-004</b>	<b>1.7809</b>	<b>8.0000e-005</b>	<b>1.7810</b>	<b>0.1788</b>	<b>8.0000e-005</b>	<b>0.1789</b>			<b>15.2039</b>	<b>3.5000e-004</b>		<b>15.2126</b>

**Mitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	2.9100e-003	0.0213	0.0409	7.0000e-005		1.0600e-003	1.0600e-003		1.0100e-003	1.0100e-003			5.6761	1.3300e-003		5.7093
<b>Total</b>	<b>2.9100e-003</b>	<b>0.0213</b>	<b>0.0409</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>1.0600e-003</b>	<b>1.0600e-003</b>	<b>0.0000</b>	<b>1.0100e-003</b>	<b>1.0100e-003</b>			<b>5.6761</b>	<b>1.3300e-003</b>		<b>5.7093</b>

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**3.46 36 Telecommunications Underground Infrastructure Installation - 2024**  
**Mitigated Construction Off-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bic-CO2	NBic-CO2	Total CO2	CH4	N2O	CO2e
Hauling	6.8000e-004	0.0216	4.5300e-003	9.0000e-005	0.0682	4.0000e-005	0.0682	6.8500e-003	4.0000e-005	6.8500e-003			8.7559	2.3000e-004		8.7616
Vendor	5.7000e-004	5.1000e-003	2.5500e-003	4.0000e-005	0.0460	2.0000e-005	0.0460	4.7900e-003	2.0000e-005	4.8100e-003			3.5160	3.0000e-005		3.5168
Worker	2.0300e-003	1.2700e-003	0.0110	3.0000e-005	3.8600e-003	2.0000e-005	3.8600e-003	1.0200e-003	2.0000e-005	1.0400e-003			2.9320	9.0000e-005		2.9342
<b>Total</b>	<b>3.2800e-003</b>	<b>0.0279</b>	<b>0.0181</b>	<b>1.6000e-004</b>	<b>0.1160</b>	<b>8.0000e-005</b>	<b>0.1160</b>	<b>0.0127</b>	<b>8.0000e-005</b>	<b>0.0127</b>			<b>15.2039</b>	<b>3.5000e-004</b>		<b>15.2126</b>

**3.47 37 Telecommunications Pole Haul - 2024**  
**Unmitigated Construction On-Site**

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bic-CO2	NBic-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
<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>

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4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

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

4.3 Trip Type Information

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

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**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.5505636	0.0364336	0.196128	0.112878	0.022140	0.005763	0.009243	0.053478	0.004359	0.001795	0.005385	0.00085	0.001008

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

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**6.0 Area Detail****6.1 Mitigation Measures Area**

Data retrieval failed for the subreport, 'subreport1', located at: subAreaDetail. Please check the log files for more information.

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Data retrieval failed for the subreport, 'subreport1', located at: subAreaDetail. Please check the log files for more information.

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Data retrieval failed for the subreport, 'subWaterDetail', located at: subWaterDetail. Please check the log files for more information.

Data retrieval failed for the subreport, 'subWaterDetail', located at: subWaterDetail. Please check the log files for more information.

Data retrieval failed for the subreport, 'subWaterDetail', located at: subWaterDetail. Please check the log files for more information.

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

Data retrieval failed for the subreport, 'subWasteDetail', located at: subWasteDetail. Please check the log files for more information.

Data retrieval failed for the subreport, 'subWasteDetail', located at: subWasteDetail. Please check the log files for more information.

Data retrieval failed for the subreport, 'subWasteDetail', located at: subWasteDetail. Please check the log files for more information.

**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
34 Install/Remove Conductor and Install OPGW	175	1.0957	1.3791	0.4851	0.0097	0.3049	0.0670	309.6196

#### 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	73	0.1975	0.2378	1.1420	0.0095	0.1514	0.0404	297.7096
12 TSP Erection Multi Pole	38	0.1028	0.1238	0.5945	0.0050	0.0788	0.0210	154.9721
18 Install LWS Pole	271	0.7333	0.8830	4.2396	0.0354	0.5622	0.1498	1105.1959
21 Install LWS Pole	10	0.0271	0.0326	0.1564	0.0013	0.0207	0.0055	40.7821
33 Temporary LWS Pole Install/Removal	22	0.0595	0.0717	0.3442	0.0029	0.0456	0.0122	89.7207

#### 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.

TOTAL EMISSIONS FROM GROUND AND AIR SOURCES

Annual Emissions (Ground Equipment)							
	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total	CO2e
Year	tons/yr						MT/yr
2023	2.69	22.57	21.69	0.08	24.54	3.32	6757.402
2024	1.86	15.18	16.20	0.05	19.65	2.55	4750.0701
2025	0.19	1.50	1.34	0.01	4.22	0.49	483.6937
2026	0.0423	0.3469	0.2941	1.17E-03	2.1393	0.235	106.1315
Annual Emissions (Helicopter Emissions)							
2023	2.11	6.37	2.60	0.06	1.08	0.27	1843
2024	0.73	4.24	0.88	0.04	0.56	0.15	1105
2025	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0
TOTAL							
2023	4.8	29	24	0.134	26	3.6	8600
2024	2.6	19	17	0.088	20	2.7	5855
2025	0.19	1.5	1.3	0.005	4	0.5	484
2026	0.04	0.35	0.29	0.0012	2.1	0.2	106

**Max**

Air District	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total	CO2e
Great Basin Unified	1.5	9.3	7.8	0.0	8.2	1.1	2752.1
Mojave Desert	2.8	16.8	14.1	0.1	14.9	2.1	4988.2
Eastern Kern	0.5	2.9	2.4	0.0	2.6	0.4	860.0

**2023**

Air District	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total	CO2e
Great Basin Unified	1.5	9.3	7.8	0.0	8.2	1.1	2752.1
Mojave Desert	2.8	16.8	14.1	0.1	14.9	2.1	4988.2
Eastern Kern	0.5	2.9	2.4	0.0	2.6	0.4	860.0

**2024**

Air District	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total	CO2e
Great Basin Unified	0.9	6.4	5.7	0.0	6.6	0.9	1939.3
Mojave Desert	1.5	11.0	9.6	0.1	11.5	1.5	3309.9
Eastern Kern	0.3	2.0	1.8	0.0	2.1	0.3	606.0

**2025**

Air District	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total	CO2e
Great Basin Unified	0.1	0.5	0.4	0.0	1.4	0.2	154.8
Mojave Desert	0.1	0.9	0.8	0.0	2.4	0.3	280.5
Eastern Kern	0.0	0.1	0.1	0.0	0.4	0.0	48.4

**2026**

Air District	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total	CO2e
Great Basin Unified	0.0	0.1	0.1	0.0	0.7	0.1	34.0
Mojave Desert	0.0	0.2	0.2	0.0	1.2	0.1	61.6
Eastern Kern	0.0	0.0	0.0	0.0	0.2	0.0	10.6

<b>Air District</b>	<b>Percentage</b>
Great Basin Unified	32%
Eastern Kern	10%
Mojave Desert	58%

Distances within each Air District determined through geospatial analysis.