

Mesa 500 kV Substation Project

South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Equipment List and Schedule provided by SCE

Land Use -

Construction Phase - Construction schedule provided by SCE

Off-road Equipment - Equipment list provided by SCE.

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Off-road Equipment - Equipment list provided by SCE.

Trips and VMT - Equipment list provided by SCE. All trip lengths assumed to be 15 miles.

On-road Fugitive Dust - Assume all worker trips will be paved, vendor and hauling will be 99 percent paved.

Grading - Taken from Chapter 3 - Project Description

Road Dust - % paved base on Mesa site characteristics

Consumer Products -

Energy Use -

Construction Off-road Equipment Mitigation - Tier based on Equipment List provided by SCE

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	34.00
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tblOffRoadEquipment	PhaseName		Civil Installation

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tbloffRoadEquipment	PhaseName		R/W Clearing (3)
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tblTripsAndVMT	WorkerTripNumber	15.00	10.00
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tblTripsAndVMT	WorkerTripNumber	0.00	17.00
tblTripsAndVMT	WorkerTripNumber	20.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	24.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	34.00
tblTripsAndVMT	WorkerTripNumber	0.00	28.00

tblTripsAndVMT	WorkerVehicleClass		LD_Mix
tblTripsAndVMT	WorkerVehicleClass		LD_Mix
tblTripsAndVMT	WorkerVehicleClass		LD_Mix
tblTripsAndVMT	WorkerVehicleClass		LD_Mix
tblTripsAndVMT	WorkerVehicleClass		LD_Mix
tblTripsAndVMT	WorkerVehicleClass		LD_Mix
tblTripsAndVMT	WorkerVehicleClass		LD_Mix
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tblTripsAndVMT	WorkerVehicleClass		LD_Mix
tblTripsAndVMT	WorkerVehicleClass		LD_Mix
tblTripsAndVMT	WorkerVehicleClass		LD_Mix

2.0 Emissions Summary

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading Phase 1	Site Preparation	1/6/2016	12/31/2016	6	310	see general description
2	Survey	Site Preparation	1/6/2016	12/31/2016	6	310	see general description
3	Survey (1)	Grading	5/2/2016	12/31/2016	6	210	see general description
4	Construction and Materials Yard (2)	Building Construction	6/6/2016	12/31/2016	6	180	see general description
5	Roads & Landing Work (4)	Site Preparation	6/13/2016	7/18/2016	6	31	see general description
6	R/W Clearing (3)	Site Preparation	6/13/2016	7/6/2016	6	21	see general description
7	Civil Installation	Building Construction	6/16/2016	12/31/2016	6	171	see general description
8	Wood Pole Replacement & Transfer of Facilities	Building Construction	6/30/2016	12/31/2016	6	159	see general description
9	Fiber Optic Cable Installation	Building Construction	6/30/2016	12/31/2016	6	159	see general description
10	Fiber Optic/Copper Cable Removal	Building Construction	6/30/2016	12/31/2016	6	159	see general description
11	Wet Crossing Installation (5)	Site Preparation	7/9/2016	7/18/2016	6	8	see general description
12	A-Install TSP Foundations (21) 220 kV & 66 kV	Trenching	7/19/2016	8/20/2016	6	29	see general description
13	Vault Installation (29)	Trenching	7/19/2016	8/6/2016	6	17	see general description
14	A-Guard Structure Installation (6)	Building Construction	7/19/2016	8/12/2016	6	22	see general description
15	A-Shoo-fly Pole Haul (7)	Building Construction	7/19/2016	7/25/2016	6	6	see general description
16	A-Shoo-fly Pole Assembly (8)	Building Construction	7/23/2016	7/27/2016	6	4	see general description
17	A-Install Shoo-fly Pole (9)	Building Construction	7/25/2016	8/1/2016	6	7	see general description
18	Duct Bank Installation (30)	Trenching	8/2/2016	9/13/2016	6	37	see general description
19	A-Install Shoo-fly Conductor (10)	Building Construction	8/12/2016	8/26/2016	6	13	see general description
20	Splicing & Testing	Building Construction	8/16/2016	12/31/2016	6	119	see general description
21	A-TSP Haul (22) 220 kV & 66 kV	Building Construction	8/20/2016	9/1/2016	6	11	see general description
22	A-TSP Assembly (23) 220 kV & 66 kV	Building Construction	8/25/2016	8/31/2016	6	6	see general description

23	A-Remove Existing Conductor & GW (11)	Building Construction	8/26/2016	9/15/2016	6	18	see general description
24	A-TSP Erection (24) 220 kV & 66 kV	Building Construction	8/30/2016	9/3/2016	6	5	see general description
25	A-Install/Transfer Conductor (25)	Building Construction	9/6/2016	12/31/2016	6	101	see general description
26	A-LST Removal (12)	Trenching	9/15/2016	9/22/2016	6	7	see general description
27	Install Underground Cable (31)	Building Construction	9/19/2016	11/11/2016	6	47	see general description
28	A-LST Foundation Removal (13)	Trenching	9/22/2016	9/28/2016	6	6	see general description
29	A-TSP Removal (14) 220 kV & 66 kV	Trenching	9/22/2016	9/22/2016	6	1	see general description
30	Civil Phase 1	Trenching	9/26/2016	12/31/2016	6	84	see general description
31	MEER Phase 1	Building Construction	9/26/2016	12/31/2016	6	84	see general description
32	Control Building Phase 1	Building Construction	9/26/2016	12/31/2016	6	84	see general description
33	Test & Maintenance Building Phase 1	Building Construction	9/26/2016	12/31/2016	6	84	see general description
34	A-TSP Foundation Removal (15) 220 kV & 66 kV	Trenching	9/28/2016	9/30/2016	6	3	see general description
35	A-Install LST Foundations (17)	Trenching	10/1/2016	10/20/2016	6	17	see general description
36	Fencing Phase 1 Block Wall	Building Construction	10/13/2016	12/31/2016	6	69	see general description
37	B-Install TSP Foundations (21) 220 kV & 66 kV	Trenching	10/20/2016	10/25/2016	6	5	see general description
38	A-LST Steel Haul (18)	Building Construction	10/20/2016	10/25/2016	6	5	see general description
39	A-LST Steel Assembly (19)	Building Construction	10/25/2016	12/31/2016	6	59	see general description
40	B-TSP Haul (22) 220 kV & 66 kV	Building Construction	10/25/2016	10/26/2016	6	2	see general description
41	Splice Underground Cable (32)	Building Construction	10/26/2016	12/22/2016	6	50	see general description
42	B-TSP Assembly (23) 220 kV & 66 kV	Building Construction	10/26/2016	10/28/2016	6	3	see general description
43	B-TSP Erection (24) 220 kV & 66 kV	Building Construction	10/31/2016	11/1/2016	6	2	see general description
44	B-Install/Transfer Conductor (25)	Building Construction	11/1/2016	12/31/2016	6	53	see general description
45	A-LST Erection (20)	Building Construction	11/3/2016	11/30/2016	6	24	see general description
46	B-Remove Existing Conductor & GW (11)	Building Construction	12/22/2016	12/31/2016	6	9	see general description

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading Phase 1	Crawler Tractors	2	10.00	208	0.43
Grading Phase 1	Graders	2	10.00	174	0.41
Grading Phase 1	Off-Highway Trucks	4	10.00	400	0.38
Grading Phase 1	Scrapers	4	10.00	361	0.48
Grading Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Construction and Materials Yard (2)	Cranes	1	5.00	226	0.29
Construction and Materials Yard (2)	Forklifts	1	5.00	89	0.20
Construction and Materials Yard (2)	Off-Highway Trucks	1	10.00	400	0.38
Roads & Landing Work (4)	Crawler Tractors	2	7.00	208	0.43
Roads & Landing Work (4)	Excavators	2	7.00	162	0.38
Roads & Landing Work (4)	Graders	2	5.00	174	0.41
Roads & Landing Work (4)	Off-Highway Trucks	2	10.00	400	0.38
Roads & Landing Work (4)	Plate Compactors	2	5.00	8	0.43
Roads & Landing Work (4)	Tractors/Loaders/Backhoes	2	7.00	97	0.37
R/W Clearing (3)	Crawler Tractors	2	7.00	208	0.43
R/W Clearing (3)	Graders	2	7.00	174	0.41
R/W Clearing (3)	Off-Highway Trucks	2	9.00	400	0.38
R/W Clearing (3)	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Civil Installation	Air Compressors	1	10.00	78	0.48
Civil Installation	Graders	2	10.00	174	0.41
Civil Installation	Off-Highway Trucks	2	10.00	400	0.38
Civil Installation	Scrapers	2	10.00	361	0.48

Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Wood Pole Replacement & Transfer of Facilities	Aerial Lifts	2	10.00	62	0.31
Wood Pole Replacement & Transfer of Facilities	Bore/Drill Rigs	2	10.00	205	0.50
Wood Pole Replacement & Transfer of Facilities	Cranes	2	10.00	226	0.29
Fiber Optic Cable Installation	Aerial Lifts	2	10.00	62	0.31
Fiber Optic/Copper Cable Removal	Aerial Lifts	2	10.00	62	0.31
Wet Crossing Installation (5)	Cement and Mortar Mixers	1	10.00	9	0.56
Wet Crossing Installation (5)	Excavators	1	10.00	162	0.38
Wet Crossing Installation (5)	Other Construction Equipment	1	10.00	171	0.42
Wet Crossing Installation (5)	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Wet Crossing Installation (5)	Tractors/Loaders/Backhoes	1	10.00	97	0.37
A-Install TSP Foundations (21) 220 kV & 66 kV	Bore/Drill Rigs	2	10.00	205	0.50
A-Install TSP Foundations (21) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
A-Install TSP Foundations (21) 220 kV & 66 kV	Off-Highway Trucks	2	10.00	122	0.44
A-Install TSP Foundations (21) 220 kV & 66 kV	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Vault Installation (29)	Cranes	1	7.00	226	0.29
Vault Installation (29)	Excavators	2	7.00	162	0.38
Vault Installation (29)	Off-Highway Trucks	1	10.00	400	0.38
Vault Installation (29)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
A-Guard Structure Installation (6)	Aerial Lifts	2	5.00	62	0.31
A-Guard Structure Installation (6)	Air Compressors	2	7.00	78	0.48
A-Guard Structure Installation (6)	Bore/Drill Rigs	2	8.00	205	0.50
A-Guard Structure Installation (6)	Cranes	2	8.00	226	0.29
A-Guard Structure Installation (6)	Off-Highway Trucks	2	10.00	400	0.38
A-Shoo-fly Pole Haul (7)	Forklifts	2	8.00	89	0.20

A-Shoo-fly Pole Haul (7)	Off-Highway Trucks	1	10.00	400	0.38
A-Shoo-fly Pole Assembly (8)	Air Compressors	1	10.00	78	0.48
A-Shoo-fly Pole Assembly (8)	Cranes	1	10.00	226	0.29
A-Shoo-fly Pole Assembly (8)	Off-Highway Trucks	1	10.00	400	0.38
A-Install Shoo-fly Pole (9)	Aerial Lifts	2	10.00	62	0.31
A-Install Shoo-fly Pole (9)	Bore/Drill Rigs	2	8.00	205	0.50
A-Install Shoo-fly Pole (9)	Cranes	2	7.00	226	0.29
A-Install Shoo-fly Pole (9)	Off-Highway Trucks	2	10.00	400	0.38
A-Install Shoo-fly Pole (9)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Duct Bank Installation (30)	Air Compressors	2	5.00	78	0.48
Duct Bank Installation (30)	Concrete/Industrial Saws	2	8.00	81	0.73
Duct Bank Installation (30)	Off-Highway Trucks	1	10.00	400	0.38
Duct Bank Installation (30)	Tractors/Loaders/Backhoes	2	7.00	97	0.37
A-Install Shoo-fly Conductor (10)	Aerial Lifts	2	10.00	62	0.31
A-Install Shoo-fly Conductor (10)	Cranes	2	10.00	226	0.29
A-Install Shoo-fly Conductor (10)	Cranes	2	10.00	226	0.29
A-Install Shoo-fly Conductor (10)	Crawler Tractors	2	10.00	208	0.43
A-Install Shoo-fly Conductor (10)	Off-Highway Trucks	1	10.00	400	0.38
A-Install Shoo-fly Conductor (10)	Off-Highway Trucks	4	10.00	400	0.38
A-Install Shoo-fly Conductor (10)	Other Construction Equipment	2	10.00	171	0.42
A-Install Shoo-fly Conductor (10)	Other General Industrial Equipment	1	10.00	87	0.34
A-Install Shoo-fly Conductor (10)	Other General Industrial Equipment	1	10.00	87	0.34
A-Install Shoo-fly Conductor (10)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Splicing & Testing	Other General Industrial Equipment	2	10.00	87	0.34
A-TSP Haul (22) 220 kV & 66 kV	Cranes	2	8.00	226	0.29
A-TSP Haul (22) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
A-TSP Assembly (23) 220 kV & 66 kV	Air Compressors	2	6.00	78	0.48
A-TSP Assembly (23) 220 kV & 66 kV	Cranes	2	7.00	226	0.29

A-TSP Assembly (23) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
A-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
A-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
A-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
A-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38
A-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42
A-TSP Erection (24) 220 kV & 66 kV	Air Compressors	2	6.00	78	0.48
A-TSP Erection (24) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
A-TSP Erection (24) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
A-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
A-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
A-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
A-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
A-Install/Transfer Conductor (25)	Off-Highway Trucks	1	10.00	400	0.38
A-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
A-Install/Transfer Conductor (25)	Other General Industrial Equipment	2	10.00	87	0.34
A-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	167	0.40
A-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
A-LST Removal (12)	Air Compressors	2	10.00	78	0.48
A-LST Removal (12)	Cranes	2	5.00	226	0.29
A-LST Removal (12)	Cranes	2	7.00	226	0.29
A-LST Removal (12)	Off-Highway Trucks	1	10.00	400	0.38
Install Underground Cable (31)	Aerial Lifts	4	5.00	62	0.31
Install Underground Cable (31)	Cranes	1	7.00	226	0.29
Install Underground Cable (31)	Off-Highway Trucks	1	10.00	400	0.38
Install Underground Cable (31)	Off-Highway Trucks	1	5.00	400	0.38
Install Underground Cable (31)	Other Construction Equipment	2	5.00	171	0.42

A-LST Foundation Removal (13)	Air Compressors	2	10.00	78	0.48
A-LST Foundation Removal (13)	Excavators	1	10.00	162	0.38
A-LST Foundation Removal (13)	Off-Highway Trucks	1	10.00	400	0.38
A-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
A-TSP Removal (14) 220 kV & 66 kV	Air Compressors	2	10.00	78	0.48
A-TSP Removal (14) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
A-TSP Removal (14) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
Civil Phase 1	Bore/Drill Rigs	3	10.00	205	0.50
Civil Phase 1	Cranes	2	5.00	226	0.29
Civil Phase 1	Excavators	3	10.00	162	0.38
Civil Phase 1	Forklifts	4	6.00	89	0.20
Civil Phase 1	Off-Highway Trucks	3	10.00	400	0.38
Civil Phase 1	Pumps	1	5.00	84	0.74
Civil Phase 1	Skid Steer Loaders	4	10.00	64	0.37
Civil Phase 1	Tractors/Loaders/Backhoes	6	10.00	97	0.37
Civil Phase 1	Tractors/Loaders/Backhoes	3	10.00	64	0.37
MEER Phase 1	Aerial Lifts	2	10.00	62	0.31
MEER Phase 1	Cranes	1	5.00	226	0.29
MEER Phase 1	Forklifts	3	5.00	89	0.20
MEER Phase 1	Generator Sets	1	12.00	84	0.74
MEER Phase 1	Off-Highway Trucks	2	3.00	400	0.38
MEER Phase 1	Pumps	1	5.00	84	0.74
MEER Phase 1	Skid Steer Loaders	2	10.00	64	0.37
MEER Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
MEER Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Control Building Phase 1	Aerial Lifts	2	10.00	62	0.31
Control Building Phase 1	Cranes	1	5.00	226	0.29
Control Building Phase 1	Forklifts	3	5.00	89	0.20

Control Building Phase 1	Off-Highway Trucks	2	3.00	400	0.38
Control Building Phase 1	Pumps	1	5.00	84	0.74
Control Building Phase 1	Skid Steer Loaders	2	10.00	64	0.37
Control Building Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Control Building Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Test & Maintenance Building Phase 1	Aerial Lifts	2	10.00	62	0.31
Test & Maintenance Building Phase 1	Cranes	1	5.00	226	0.29
Test & Maintenance Building Phase 1	Forklifts	3	5.00	89	0.20
Test & Maintenance Building Phase 1	Off-Highway Trucks	2	3.00	400	0.38
Test & Maintenance Building Phase 1	Pumps	1	5.00	84	0.74
Test & Maintenance Building Phase 1	Skid Steer Loaders	2	10.00	64	0.37
Test & Maintenance Building Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Test & Maintenance Building Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
A-TSP Foundation Removal (15) 220 kV & 66 kV	Air Compressors	2	10.00	78	0.48
A-TSP Foundation Removal (15) 220 kV & 66 kV	Excavators	1	10.00	162	0.38
A-TSP Foundation Removal (15) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
A-TSP Foundation Removal (15) 220 kV & 66 kV	Tractors/Loaders/Backhoes	2	10.00	97	0.37
A-Install LST Foundations (17)	Bore/Drill Rigs	2	10.00	205	0.50
A-Install LST Foundations (17)	Cement and Mortar Mixers	4	7.00	9	0.56
A-Install LST Foundations (17)	Cranes	2	7.00	226	0.29
A-Install LST Foundations (17)	Off-Highway Trucks	2	10.00	400	0.38
A-Install LST Foundations (17)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Fencing Phase 1 Block Wall	Forklifts	1	10.00	89	0.20
Fencing Phase 1 Block Wall	Pumps	1	6.00	84	0.74
Fencing Phase 1 Block Wall	Skid Steer Loaders	1	10.00	64	0.37
Fencing Phase 1 Block Wall	Tractors/Loaders/Backhoes	1	10.00	97	0.37
B-Install TSP Foundations (21) 220 kV & 66 kV	Bore/Drill Rigs	2	10.00	205	0.50

B-Install TSP Foundations (21) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
B-Install TSP Foundations (21) 220 kV & 66 kV	Off-Highway Trucks	2	10.00	400	0.38
B-Install TSP Foundations (21) 220 kV & 66 kV	Tractors/Loaders/Backhoes	2	10.00	97	0.37
A-LST Steel Haul (18)	Forklifts	2	8.00	89	0.20
A-LST Steel Haul (18)	Off-Highway Trucks	1	10.00	400	0.38
A-LST Steel Assembly (19)	Air Compressors	2	7.00	78	0.48
A-LST Steel Assembly (19)	Cranes	2	10.00	226	0.29
A-LST Steel Assembly (19)	Forklifts	2	7.00	89	0.20
B-TSP Haul (22) 220 kV & 66 kV	Cranes	1	10.00	226	0.29
B-TSP Haul (22) 220 kV & 66 kV	Off-Highway Trucks	2	8.00	400	0.38
Splice Underground Cable (32)	Off-Highway Trucks	2	10.00	400	0.38
B-TSP Assembly (23) 220 kV & 66 kV	Air Compressors	2	6.00	78	0.48
B-TSP Assembly (23) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
B-TSP Assembly (23) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
B-TSP Erection (24) 220 kV & 66 kV	Air Compressors	2	6.00	78	0.48
B-TSP Erection (24) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
B-TSP Erection (24) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
B-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
B-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
B-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
B-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
B-Install/Transfer Conductor (25)	Off-Highway Trucks	1	10.00	171	0.42
B-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	400	0.38
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	2	10.00	87	0.34
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	87	0.34
B-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
A-LST Erection (20)	Air Compressors	4	7.00	78	0.48

A-LST Erection (20)	Cranes	4	7.00	226	0.29
A-LST Erection (20)	Off-Highway Trucks	2	10.00	400	0.38
B-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
B-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
B-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
B-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38
B-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42

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
Grading Phase 1	14	18.00	0.00	9,445.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fiber Optic/Copper Cable Removal	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Wet Crossing Installation (5)	5	8.00	1.00	18.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install TSP Foundations (21) 220	8	16.00	0.00	322.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Vault Installation (29)	6	18.00	4.00	306.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Guard Structure Installation (6)	10	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Shoo-fly Pole Haul (7)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Shoo-fly Pole Assembly (8)	3	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install Shoo-fly Pole (9)	10	14.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Duct Bank Installation (30)	7	18.00	3.00	17,353.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install Shoo-fly Conductor (10)	19	19.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splicing & Testing	2	7.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-TSP Haul (22) 220 kV & 66 kV	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-TSP Assembly (23) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

A-TSP Erection (24) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Removal (12)	7	14.00	2.00	14.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Install Underground Cable (31)	9	2.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Foundation Removal (13)	6	10.00	0.00	11.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-TSP Removal (14) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Phase 1	29	64.00	0.00	2,800.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
MEER Phase 1	15	56.00	0.00	59.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Control Building Phase 1	14	56.00	0.00	29.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Test & Maintenance Building Phase 1	14	56.00	0.00	35.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-TSP Foundation Removal (15) 220 kV	6	10.00	0.00	92.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install LST Foundations (17)	12	16.00	0.00	784.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fencing Phase 1 Block Wall	4	17.00	1.00	83.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install TSP Foundations (21) 220	8	16.00	0.00	46.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Steel Haul (18)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Steel Assembly (19)	6	24.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Construction and Materials Yard (2)	3	5.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Haul (22) 220 kV & 66 kV	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splice Underground Cable (32)	2	10.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Assembly (23) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Erection (24) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Erection (20)	10	28.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Roads & Landing Work (4)	12	14.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
R/W Clearing (3)	8	7.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation	11	13.00	0.00	335.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Wood Pole Replacement & Transf	6	12.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

Fiber Optic Cable Installation	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Survey (1)	0	6.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Survey	0	3.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Grading Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0163	0.0000	0.0163	2.0000e-003	0.0000	2.0000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6024	31.0270	16.4048	0.0284		1.3326	1.3326		1.2260	1.2260	0.0000	2,672.3805	2,672.3805	0.8061	0.0000	2,689.3083
Total	2.6024	31.0270	16.4048	0.0284	0.0163	1.3326	1.3488	2.0000e-003	1.2260	1.2280	0.0000	2,672.3805	2,672.3805	0.8061	0.0000	2,689.3083

3.2 Grading Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0718	1.0573	0.9413	2.6400e-003	1.0143	0.0152	1.0296	0.1117	0.0140	0.1258	0.0000	240.6990	240.6990	1.7800e-003	0.0000	240.7364
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0113	0.0167	0.1740	3.8000e-004	0.0312	2.7000e-004	0.0315	8.2900e-003	2.4000e-004	8.5400e-003	0.0000	29.2516	29.2516	1.5700e-003	0.0000	29.2846
Total	0.0830	1.0740	1.1152	3.0200e-003	1.0455	0.0155	1.0611	0.1200	0.0143	0.1343	0.0000	269.9506	269.9506	3.3500e-003	0.0000	270.0210

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.3200e-003	0.0000	7.3200e-003	9.0000e-004	0.0000	9.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7559	22.5858	15.8608	0.0284		0.5546	0.5546		0.5546	0.5546	0.0000	2,672.3773	2,672.3773	0.8061	0.0000	2,689.3051
Total	0.7559	22.5858	15.8608	0.0284	7.3200e-003	0.5546	0.5619	9.0000e-004	0.5546	0.5555	0.0000	2,672.3773	2,672.3773	0.8061	0.0000	2,689.3051

3.4 Survey (1) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5400e-003	3.7800e-003	0.0393	9.0000e-005	7.0500e-003	6.0000e-005	7.1100e-003	1.8700e-003	6.0000e-005	1.9300e-003	0.0000	6.6052	6.6052	3.6000e-004	0.0000	6.6127	
Total	2.5400e-003	3.7800e-003	0.0393	9.0000e-005	7.0500e-003	6.0000e-005	7.1100e-003	1.8700e-003	6.0000e-005	1.9300e-003	0.0000	6.6052	6.6052	3.6000e-004	0.0000	6.6127	

3.5 Construction and Materials Yard (2) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1592	1.8106	0.8075	1.8800e-003		0.0770	0.0770		0.0709	0.0709	0.0000	177.5123	177.5123	0.0535	0.0000	178.6367
Total	0.1592	1.8106	0.8075	1.8800e-003		0.0770	0.0770		0.0709	0.0709	0.0000	177.5123	177.5123	0.0535	0.0000	178.6367

3.5 Construction and Materials Yard (2) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.7000e-004	0.0112	7.8200e-003	3.0000e-005	0.0194	2.5000e-004	0.0197	2.1800e-003	2.3000e-004	2.4100e-003	0.0000	2.8034	2.8034	2.0000e-005	0.0000	2.8037
Worker	1.8200e-003	2.7000e-003	0.0281	6.0000e-005	5.0400e-003	4.0000e-005	5.0800e-003	1.3400e-003	4.0000e-005	1.3800e-003	0.0000	4.7180	4.7180	2.5000e-004	0.0000	4.7233
Total	2.6900e-003	0.0139	0.0359	9.0000e-005	0.0245	2.9000e-004	0.0248	3.5200e-003	2.7000e-004	3.7900e-003	0.0000	7.5214	7.5214	2.7000e-004	0.0000	7.5270

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0481	1.3778	1.0185	1.8800e-003		0.0357	0.0357		0.0357	0.0357	0.0000	177.5121	177.5121	0.0535	0.0000	178.6365
Total	0.0481	1.3778	1.0185	1.8800e-003		0.0357	0.0357		0.0357	0.0357	0.0000	177.5121	177.5121	0.0535	0.0000	178.6365

3.5 Construction and Materials Yard (2) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.7000e-004	0.0112	7.8200e-003	3.0000e-005	6.2500e-003	2.5000e-004	6.5000e-003	8.6000e-004	2.3000e-004	1.0900e-003	0.0000	2.8034	2.8034	2.0000e-005	0.0000	2.8037
Worker	1.8200e-003	2.7000e-003	0.0281	6.0000e-005	5.0400e-003	4.0000e-005	5.0800e-003	1.3400e-003	4.0000e-005	1.3800e-003	0.0000	4.7180	4.7180	2.5000e-004	0.0000	4.7233
Total	2.6900e-003	0.0139	0.0359	9.0000e-005	0.0113	2.9000e-004	0.0116	2.2000e-003	2.7000e-004	2.4700e-003	0.0000	7.5214	7.5214	2.7000e-004	0.0000	7.5270

3.6 Roads & Landing Work (4) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0247	0.0000	0.0247	2.6600e-003	0.0000	2.6600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0960	1.0937	0.5310	1.0800e-003		0.0500	0.0500		0.0461	0.0461	0.0000	101.2606	101.2606	0.0304	0.0000	101.8995
Total	0.0960	1.0937	0.5310	1.0800e-003	0.0247	0.0500	0.0747	2.6600e-003	0.0461	0.0487	0.0000	101.2606	101.2606	0.0304	0.0000	101.8995

3.6 Roads & Landing Work (4) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-004	3.8600e-003	2.6900e-003	1.0000e-005	6.6900e-003	9.0000e-005	6.7700e-003	7.5000e-004	8.0000e-005	8.3000e-004	0.0000	0.9656	0.9656	1.0000e-005	0.0000	0.9657
Worker	8.8000e-004	1.3000e-003	0.0135	3.0000e-005	2.4300e-003	2.0000e-005	2.4500e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	2.2751	2.2751	1.2000e-004	0.0000	2.2777
Total	1.1800e-003	5.1600e-003	0.0162	4.0000e-005	9.1200e-003	1.1000e-004	9.2200e-003	1.4000e-003	1.0000e-004	1.4900e-003	0.0000	3.2407	3.2407	1.3000e-004	0.0000	3.2434

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0111	0.0000	0.0111	1.2000e-003	0.0000	1.2000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0318	0.8773	0.6440	1.0800e-003		0.0231	0.0231		0.0231	0.0231	0.0000	101.2605	101.2605	0.0304	0.0000	101.8994
Total	0.0318	0.8773	0.6440	1.0800e-003	0.0111	0.0231	0.0342	1.2000e-003	0.0231	0.0243	0.0000	101.2605	101.2605	0.0304	0.0000	101.8994

3.6 Roads & Landing Work (4) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-004	3.8600e-003	2.6900e-003	1.0000e-005	2.1500e-003	9.0000e-005	2.2400e-003	3.0000e-004	8.0000e-005	3.8000e-004	0.0000	0.9656	0.9656	1.0000e-005	0.0000	0.9657
Worker	8.8000e-004	1.3000e-003	0.0135	3.0000e-005	2.4300e-003	2.0000e-005	2.4500e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	2.2751	2.2751	1.2000e-004	0.0000	2.2777
Total	1.1800e-003	5.1600e-003	0.0162	4.0000e-005	4.5800e-003	1.1000e-004	4.6900e-003	9.5000e-004	1.0000e-004	1.0400e-003	0.0000	3.2407	3.2407	1.3000e-004	0.0000	3.2434

3.7 R/W Clearing (3) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0195	0.0000	0.0195	2.1000e-003	0.0000	2.1000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0602	0.6822	0.3065	6.2000e-004		0.0318	0.0318		0.0292	0.0292	0.0000	58.8565	58.8565	0.0178	0.0000	59.2293
Total	0.0602	0.6822	0.3065	6.2000e-004	0.0195	0.0318	0.0512	2.1000e-003	0.0292	0.0313	0.0000	58.8565	58.8565	0.0178	0.0000	59.2293

3.7 R/W Clearing (3) - 2016**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	2.6100e-003	1.8300e-003	1.0000e-005	4.5300e-003	6.0000e-005	4.5900e-003	5.1000e-004	5.0000e-005	5.6000e-004	0.0000	0.6541	0.6541	0.0000	0.0000	0.6542
Worker	3.0000e-004	4.4000e-004	4.5800e-003	1.0000e-005	8.2000e-004	1.0000e-005	8.3000e-004	2.2000e-004	1.0000e-005	2.2000e-004	0.0000	0.7706	0.7706	4.0000e-005	0.0000	0.7715
Total	5.0000e-004	3.0500e-003	6.4100e-003	2.0000e-005	5.3500e-003	7.0000e-005	5.4200e-003	7.3000e-004	6.0000e-005	7.8000e-004	0.0000	1.4247	1.4247	4.0000e-005	0.0000	1.4257

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.7700e-003	0.0000	8.7700e-003	9.5000e-004	0.0000	9.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0182	0.5120	0.3686	6.2000e-004		0.0133	0.0133		0.0133	0.0133	0.0000	58.8564	58.8564	0.0178	0.0000	59.2292
Total	0.0182	0.5120	0.3686	6.2000e-004	8.7700e-003	0.0133	0.0221	9.5000e-004	0.0133	0.0143	0.0000	58.8564	58.8564	0.0178	0.0000	59.2292

3.7 R/W Clearing (3) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	2.6100e-003	1.8300e-003	1.0000e-005	1.4600e-003	6.0000e-005	1.5200e-003	2.0000e-004	5.0000e-005	2.6000e-004	0.0000	0.6541	0.6541	0.0000	0.0000	0.6542
Worker	3.0000e-004	4.4000e-004	4.5800e-003	1.0000e-005	8.2000e-004	1.0000e-005	8.3000e-004	2.2000e-004	1.0000e-005	2.2000e-004	0.0000	0.7706	0.7706	4.0000e-005	0.0000	0.7715
Total	5.0000e-004	3.0500e-003	6.4100e-003	2.0000e-005	2.2800e-003	7.0000e-005	2.3500e-003	4.2000e-004	6.0000e-005	4.8000e-004	0.0000	1.4247	1.4247	4.0000e-005	0.0000	1.4257

3.8 Civil Installation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.9127	10.0290	5.7892	9.0800e-003		0.4989	0.4989		0.4612	0.4612	0.0000	852.9578	852.9578	0.2506	0.0000	858.2203
Total	0.9127	10.0290	5.7892	9.0800e-003		0.4989	0.4989		0.4612	0.4612	0.0000	852.9578	852.9578	0.2506	0.0000	858.2203

3.8 Civil Installation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5400e-003	0.0375	0.0334	9.0000e-005	0.0360	5.4000e-004	0.0365	3.9600e-003	5.0000e-004	4.4600e-003	0.0000	8.5372	8.5372	6.0000e-005	0.0000	8.5386
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4900e-003	6.6700e-003	0.0693	1.5000e-004	0.0124	1.1000e-004	0.0126	3.3000e-003	1.0000e-004	3.4000e-003	0.0000	11.6534	11.6534	6.3000e-004	0.0000	11.6666
Total	7.0300e-003	0.0442	0.1027	2.4000e-004	0.0484	6.5000e-004	0.0491	7.2600e-003	6.0000e-004	7.8600e-003	0.0000	20.1907	20.1907	6.9000e-004	0.0000	20.2052

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2767	7.3897	5.4458	9.0800e-003		0.2078	0.2078		0.2078	0.2078	0.0000	852.9568	852.9568	0.2506	0.0000	858.2193
Total	0.2767	7.3897	5.4458	9.0800e-003		0.2078	0.2078		0.2078	0.2078	0.0000	852.9568	852.9568	0.2506	0.0000	858.2193

3.8 Civil Installation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5400e-003	0.0375	0.0334	9.0000e-005	0.0115	5.4000e-004	0.0120	1.5200e-003	5.0000e-004	2.0100e-003	0.0000	8.5372	8.5372	6.0000e-005	0.0000	8.5386
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4900e-003	6.6700e-003	0.0693	1.5000e-004	0.0124	1.1000e-004	0.0126	3.3000e-003	1.0000e-004	3.4000e-003	0.0000	11.6534	11.6534	6.3000e-004	0.0000	11.6666
Total	7.0300e-003	0.0442	0.1027	2.4000e-004	0.0239	6.5000e-004	0.0246	4.8200e-003	6.0000e-004	5.4100e-003	0.0000	20.1907	20.1907	6.9000e-004	0.0000	20.2052

3.9 Wood Pole Replacement & Transfer of Facilities - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2234	2.9218	1.2160	3.1900e-003		0.1151	0.1151		0.1059	0.1059	0.0000	300.3079	300.3079	0.0906	0.0000	302.2102
Total	0.2234	2.9218	1.2160	3.1900e-003		0.1151	0.1151		0.1059	0.1059	0.0000	300.3079	300.3079	0.0906	0.0000	302.2102

3.9 Wood Pole Replacement & Transfer of Facilities - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8500e-003	5.7200e-003	0.0595	1.3000e-004	0.0107	9.0000e-005	0.0108	2.8400e-003	8.0000e-005	2.9200e-003	0.0000	10.0021	10.0021	5.4000e-004	0.0000	10.0134
Total	3.8500e-003	5.7200e-003	0.0595	1.3000e-004	0.0107	9.0000e-005	0.0108	2.8400e-003	8.0000e-005	2.9200e-003	0.0000	10.0021	10.0021	5.4000e-004	0.0000	10.0134

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0862	2.3441	1.7808	3.1900e-003		0.0648	0.0648		0.0648	0.0648	0.0000	300.3076	300.3076	0.0906	0.0000	302.2098
Total	0.0862	2.3441	1.7808	3.1900e-003		0.0648	0.0648		0.0648	0.0648	0.0000	300.3076	300.3076	0.0906	0.0000	302.2098

3.9 Wood Pole Replacement & Transfer of Facilities - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8500e-003	5.7200e-003	0.0595	1.3000e-004	0.0107	9.0000e-005	0.0108	2.8400e-003	8.0000e-005	2.9200e-003	0.0000	10.0021	10.0021	5.4000e-004	0.0000	10.0134
Total	3.8500e-003	5.7200e-003	0.0595	1.3000e-004	0.0107	9.0000e-005	0.0108	2.8400e-003	8.0000e-005	2.9200e-003	0.0000	10.0021	10.0021	5.4000e-004	0.0000	10.0134

3.10 Fiber Optic Cable Installation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0112	0.1834	0.2157	3.3000e-004		7.5400e-003	7.5400e-003		6.9400e-003	6.9400e-003	0.0000	30.9394	30.9394	9.3300e-003	0.0000	31.1354
Total	0.0112	0.1834	0.2157	3.3000e-004		7.5400e-003	7.5400e-003		6.9400e-003	6.9400e-003	0.0000	30.9394	30.9394	9.3300e-003	0.0000	31.1354

3.10 Fiber Optic Cable Installation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5000e-003	6.6800e-003	0.0694	1.5000e-004	0.0125	1.1000e-004	0.0126	3.3100e-003	1.0000e-004	3.4100e-003	0.0000	11.6692	11.6692	6.3000e-004	0.0000	11.6823
Total	4.5000e-003	6.6800e-003	0.0694	1.5000e-004	0.0125	1.1000e-004	0.0126	3.3100e-003	1.0000e-004	3.4100e-003	0.0000	11.6692	11.6692	6.3000e-004	0.0000	11.6823

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0155	0.3200	0.2493	3.3000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	30.9394	30.9394	9.3300e-003	0.0000	31.1354
Total	0.0155	0.3200	0.2493	3.3000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	30.9394	30.9394	9.3300e-003	0.0000	31.1354

3.10 Fiber Optic Cable Installation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5000e-003	6.6800e-003	0.0694	1.5000e-004	0.0125	1.1000e-004	0.0126	3.3100e-003	1.0000e-004	3.4100e-003	0.0000	11.6692	11.6692	6.3000e-004	0.0000	11.6823
Total	4.5000e-003	6.6800e-003	0.0694	1.5000e-004	0.0125	1.1000e-004	0.0126	3.3100e-003	1.0000e-004	3.4100e-003	0.0000	11.6692	11.6692	6.3000e-004	0.0000	11.6823

3.11 Fiber Optic/Copper Cable Removal - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0112	0.1834	0.2157	3.3000e-004		7.5400e-003	7.5400e-003		6.9400e-003	6.9400e-003	0.0000	30.9394	30.9394	9.3300e-003	0.0000	31.1354
Total	0.0112	0.1834	0.2157	3.3000e-004		7.5400e-003	7.5400e-003		6.9400e-003	6.9400e-003	0.0000	30.9394	30.9394	9.3300e-003	0.0000	31.1354

3.11 Fiber Optic/Copper Cable Removal - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5000e-003	6.6800e-003	0.0694	1.5000e-004	0.0125	1.1000e-004	0.0126	3.3100e-003	1.0000e-004	3.4100e-003	0.0000	11.6692	11.6692	6.3000e-004	0.0000	11.6823
Total	4.5000e-003	6.6800e-003	0.0694	1.5000e-004	0.0125	1.1000e-004	0.0126	3.3100e-003	1.0000e-004	3.4100e-003	0.0000	11.6692	11.6692	6.3000e-004	0.0000	11.6823

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0155	0.3200	0.2493	3.3000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	30.9394	30.9394	9.3300e-003	0.0000	31.1354
Total	0.0155	0.3200	0.2493	3.3000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	30.9394	30.9394	9.3300e-003	0.0000	31.1354

3.11 Fiber Optic/Copper Cable Removal - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5000e-003	6.6800e-003	0.0694	1.5000e-004	0.0125	1.1000e-004	0.0126	3.3100e-003	1.0000e-004	3.4100e-003	0.0000	11.6692	11.6692	6.3000e-004	0.0000	11.6823
Total	4.5000e-003	6.6800e-003	0.0694	1.5000e-004	0.0125	1.1000e-004	0.0126	3.3100e-003	1.0000e-004	3.4100e-003	0.0000	11.6692	11.6692	6.3000e-004	0.0000	11.6823

3.12 Wet Crossing Installation (5) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.9600e-003	0.0934	0.0641	9.0000e-005		5.6100e-003	5.6100e-003		5.1700e-003	5.1700e-003	0.0000	8.5555	8.5555	2.5400e-003	0.0000	8.6087
Total	8.9600e-003	0.0934	0.0641	9.0000e-005	0.0000	5.6100e-003	5.6100e-003	0.0000	5.1700e-003	5.1700e-003	0.0000	8.5555	8.5555	2.5400e-003	0.0000	8.6087

3.12 Wet Crossing Installation (5) - 2016**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4000e-004	2.0100e-003	1.7900e-003	1.0000e-005	1.9300e-003	3.0000e-005	1.9600e-003	2.1000e-004	3.0000e-005	2.4000e-004	0.0000	0.4587	0.4587	0.0000	0.0000	0.4588
Vendor	4.0000e-005	5.0000e-004	3.5000e-004	0.0000	8.6000e-004	1.0000e-005	8.7000e-004	1.0000e-004	1.0000e-005	1.1000e-004	0.0000	0.1246	0.1246	0.0000	0.0000	0.1246
Worker	1.3000e-004	1.9000e-004	2.0000e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3355	0.3355	2.0000e-005	0.0000	0.3359
Total	3.1000e-004	2.7000e-003	4.1400e-003	1.0000e-005	3.1500e-003	4.0000e-005	3.1900e-003	4.1000e-004	4.0000e-005	4.5000e-004	0.0000	0.9188	0.9188	2.0000e-005	0.0000	0.9193

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6900e-003	0.0791	0.0669	9.0000e-005		2.7200e-003	2.7200e-003		2.7200e-003	2.7200e-003	0.0000	8.5554	8.5554	2.5400e-003	0.0000	8.6087
Total	3.6900e-003	0.0791	0.0669	9.0000e-005	0.0000	2.7200e-003	2.7200e-003	0.0000	2.7200e-003	2.7200e-003	0.0000	8.5554	8.5554	2.5400e-003	0.0000	8.6087

3.12 Wet Crossing Installation (5) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4000e-004	2.0100e-003	1.7900e-003	1.0000e-005	6.2000e-004	3.0000e-005	6.4000e-004	8.0000e-005	3.0000e-005	1.1000e-004	0.0000	0.4587	0.4587	0.0000	0.0000	0.4588
Vendor	4.0000e-005	5.0000e-004	3.5000e-004	0.0000	2.8000e-004	1.0000e-005	2.9000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.1246	0.1246	0.0000	0.0000	0.1246
Worker	1.3000e-004	1.9000e-004	2.0000e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3355	0.3355	2.0000e-005	0.0000	0.3359
Total	3.1000e-004	2.7000e-003	4.1400e-003	1.0000e-005	1.2600e-003	4.0000e-005	1.2900e-003	2.2000e-004	4.0000e-005	2.6000e-004	0.0000	0.9188	0.9188	2.0000e-005	0.0000	0.9193

3.13 A-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0595	0.6842	0.3562	7.4000e-004		0.0333	0.0333		0.0307	0.0307	0.0000	69.6686	69.6686	0.0210	0.0000	70.1099
Total	0.0595	0.6842	0.3562	7.4000e-004		0.0333	0.0333		0.0307	0.0307	0.0000	69.6686	69.6686	0.0210	0.0000	70.1099

3.13 A-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4500e-003	0.0360	0.0321	9.0000e-005	0.0346	5.2000e-004	0.0351	3.8100e-003	4.8000e-004	4.2900e-003	0.0000	8.2059	8.2059	6.0000e-005	0.0000	8.2072
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.4000e-004	1.3900e-003	0.0145	3.0000e-005	2.6000e-003	2.0000e-005	2.6200e-003	6.9000e-004	2.0000e-005	7.1000e-004	0.0000	2.4324	2.4324	1.3000e-004	0.0000	2.4351
Total	3.3900e-003	0.0374	0.0466	1.2000e-004	0.0372	5.4000e-004	0.0377	4.5000e-003	5.0000e-004	5.0000e-003	0.0000	10.6383	10.6383	1.9000e-004	0.0000	10.6423

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0232	0.5921	0.4585	7.4000e-004		0.0172	0.0172		0.0172	0.0172	0.0000	69.6685	69.6685	0.0210	0.0000	70.1098
Total	0.0232	0.5921	0.4585	7.4000e-004		0.0172	0.0172		0.0172	0.0172	0.0000	69.6685	69.6685	0.0210	0.0000	70.1098

3.13 A-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4500e-003	0.0360	0.0321	9.0000e-005	0.0110	5.2000e-004	0.0115	1.4600e-003	4.8000e-004	1.9400e-003	0.0000	8.2059	8.2059	6.0000e-005	0.0000	8.2072
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.4000e-004	1.3900e-003	0.0145	3.0000e-005	2.6000e-003	2.0000e-005	2.6200e-003	6.9000e-004	2.0000e-005	7.1000e-004	0.0000	2.4324	2.4324	1.3000e-004	0.0000	2.4351
Total	3.3900e-003	0.0374	0.0466	1.2000e-004	0.0136	5.4000e-004	0.0142	2.1500e-003	5.0000e-004	2.6500e-003	0.0000	10.6383	10.6383	1.9000e-004	0.0000	10.6423

3.14 Vault Installation (29) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0269	0.3000	0.1679	3.1000e-004		0.0147	0.0147		0.0136	0.0136	0.0000	29.5428	29.5428	8.9100e-003	0.0000	29.7300
Total	0.0269	0.3000	0.1679	3.1000e-004		0.0147	0.0147		0.0136	0.0136	0.0000	29.5428	29.5428	8.9100e-003	0.0000	29.7300

3.14 Vault Installation (29) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.3200e-003	0.0343	0.0305	9.0000e-005	0.0329	4.9000e-004	0.0334	3.6200e-003	4.5000e-004	4.0700e-003	0.0000	7.7982	7.7982	6.0000e-005	0.0000	7.7994
Vendor	3.3000e-004	4.2300e-003	2.9500e-003	1.0000e-005	7.3400e-003	9.0000e-005	7.4300e-003	8.2000e-004	9.0000e-005	9.1000e-004	0.0000	1.0591	1.0591	1.0000e-005	0.0000	1.0592
Worker	6.2000e-004	9.2000e-004	9.5400e-003	2.0000e-005	1.7100e-003	1.0000e-005	1.7300e-003	4.5000e-004	1.0000e-005	4.7000e-004	0.0000	1.6041	1.6041	9.0000e-005	0.0000	1.6059
Total	3.2700e-003	0.0394	0.0430	1.2000e-004	0.0419	5.9000e-004	0.0425	4.8900e-003	5.5000e-004	5.4500e-003	0.0000	10.4614	10.4614	1.6000e-004	0.0000	10.4645

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.9900e-003	0.2464	0.1960	3.1000e-004		7.4000e-003	7.4000e-003		7.4000e-003	7.4000e-003	0.0000	29.5428	29.5428	8.9100e-003	0.0000	29.7299
Total	9.9900e-003	0.2464	0.1960	3.1000e-004		7.4000e-003	7.4000e-003		7.4000e-003	7.4000e-003	0.0000	29.5428	29.5428	8.9100e-003	0.0000	29.7299

3.14 Vault Installation (29) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.3200e-003	0.0343	0.0305	9.0000e-005	0.0105	4.9000e-004	0.0110	1.3800e-003	4.5000e-004	1.8400e-003	0.0000	7.7982	7.7982	6.0000e-005	0.0000	7.7994
Vendor	3.3000e-004	4.2300e-003	2.9500e-003	1.0000e-005	2.3600e-003	9.0000e-005	2.4500e-003	3.3000e-004	9.0000e-005	4.1000e-004	0.0000	1.0591	1.0591	1.0000e-005	0.0000	1.0592
Worker	6.2000e-004	9.2000e-004	9.5400e-003	2.0000e-005	1.7100e-003	1.0000e-005	1.7300e-003	4.5000e-004	1.0000e-005	4.7000e-004	0.0000	1.6041	1.6041	9.0000e-005	0.0000	1.6059
Total	3.2700e-003	0.0394	0.0430	1.2000e-004	0.0145	5.9000e-004	0.0151	2.1600e-003	5.5000e-004	2.7200e-003	0.0000	10.4614	10.4614	1.6000e-004	0.0000	10.4645

3.15 A-Guard Structure Installation (6) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0596	0.6751	0.3130	7.8000e-004		0.0287	0.0287		0.0268	0.0268	0.0000	72.6102	72.6102	0.0207	0.0000	73.0448
Total	0.0596	0.6751	0.3130	7.8000e-004		0.0287	0.0287		0.0268	0.0268	0.0000	72.6102	72.6102	0.0207	0.0000	73.0448

3.15 A-Guard Structure Installation (6) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	2.7400e-003	1.9100e-003	1.0000e-005	4.7500e-003	6.0000e-005	4.8100e-003	5.3000e-004	6.0000e-005	5.9000e-004	0.0000	0.6853	0.6853	0.0000	0.0000	0.6853
Worker	3.6000e-004	5.3000e-004	5.4900e-003	1.0000e-005	9.9000e-004	1.0000e-005	9.9000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.9226	0.9226	5.0000e-005	0.0000	0.9237
Total	5.7000e-004	3.2700e-003	7.4000e-003	2.0000e-005	5.7400e-003	7.0000e-005	5.8000e-003	7.9000e-004	7.0000e-005	8.6000e-004	0.0000	1.6079	1.6079	5.0000e-005	0.0000	1.6090

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0207	0.5860	0.4255	7.8000e-004		0.0156	0.0156		0.0156	0.0156	0.0000	72.6101	72.6101	0.0207	0.0000	73.0447
Total	0.0207	0.5860	0.4255	7.8000e-004		0.0156	0.0156		0.0156	0.0156	0.0000	72.6101	72.6101	0.0207	0.0000	73.0447

3.15 A-Guard Structure Installation (6) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	2.7400e-003	1.9100e-003	1.0000e-005	1.5300e-003	6.0000e-005	1.5900e-003	2.1000e-004	6.0000e-005	2.7000e-004	0.0000	0.6853	0.6853	0.0000	0.0000	0.6853
Worker	3.6000e-004	5.3000e-004	5.4900e-003	1.0000e-005	9.9000e-004	1.0000e-005	9.9000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.9226	0.9226	5.0000e-005	0.0000	0.9237
Total	5.7000e-004	3.2700e-003	7.4000e-003	2.0000e-005	2.5200e-003	7.0000e-005	2.5800e-003	4.7000e-004	7.0000e-005	5.4000e-004	0.0000	1.6079	1.6079	5.0000e-005	0.0000	1.6090

3.16 A-Shoo-fly Pole Haul (7) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8900e-003	0.0524	0.0265	6.0000e-005		2.5200e-003	2.5200e-003		2.3100e-003	2.3100e-003	0.0000	5.5139	5.5139	1.6600e-003	0.0000	5.5488
Total	4.8900e-003	0.0524	0.0265	6.0000e-005		2.5200e-003	2.5200e-003		2.3100e-003	2.3100e-003	0.0000	5.5139	5.5139	1.6600e-003	0.0000	5.5488

3.16 A-Shoo-fly Pole Haul (7) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	7.5000e-004	5.2000e-004	0.0000	1.2900e-003	2.0000e-005	1.3100e-003	1.5000e-004	2.0000e-005	1.6000e-004	0.0000	0.1869	0.1869	0.0000	0.0000	0.1869
Worker	6.0000e-005	9.0000e-005	9.4000e-004	0.0000	1.7000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.1573	0.1573	1.0000e-005	0.0000	0.1574
Total	1.2000e-004	8.4000e-004	1.4600e-003	0.0000	1.4600e-003	2.0000e-005	1.4800e-003	1.9000e-004	2.0000e-005	2.1000e-004	0.0000	0.3442	0.3442	1.0000e-005	0.0000	0.3444

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6400e-003	0.0471	0.0331	6.0000e-005		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	5.5139	5.5139	1.6600e-003	0.0000	5.5488
Total	1.6400e-003	0.0471	0.0331	6.0000e-005		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	5.5139	5.5139	1.6600e-003	0.0000	5.5488

3.16 A-Shoo-fly Pole Haul (7) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	7.5000e-004	5.2000e-004	0.0000	4.2000e-004	2.0000e-005	4.3000e-004	6.0000e-005	2.0000e-005	7.0000e-005	0.0000	0.1869	0.1869	0.0000	0.0000	0.1869
Worker	6.0000e-005	9.0000e-005	9.4000e-004	0.0000	1.7000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.1573	0.1573	1.0000e-005	0.0000	0.1574
Total	1.2000e-004	8.4000e-004	1.4600e-003	0.0000	5.9000e-004	2.0000e-005	6.0000e-004	1.0000e-004	2.0000e-005	1.2000e-004	0.0000	0.3442	0.3442	1.0000e-005	0.0000	0.3444

3.17 A-Shoo-fly Pole Assembly (8) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.3800e-003	0.0564	0.0264	6.0000e-005		2.6500e-003	2.6500e-003		2.4900e-003	2.4900e-003	0.0000	5.2806	5.2806	1.4400e-003	0.0000	5.3108
Total	5.3800e-003	0.0564	0.0264	6.0000e-005		2.6500e-003	2.6500e-003		2.4900e-003	2.4900e-003	0.0000	5.2806	5.2806	1.4400e-003	0.0000	5.3108

3.17 A-Shoo-fly Pole Assembly (8) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	1.9000e-004	2.0000e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3355	0.3355	2.0000e-005	0.0000	0.3359
Total	1.3000e-004	1.9000e-004	2.0000e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3355	0.3355	2.0000e-005	0.0000	0.3359

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5300e-003	0.0400	0.0311	6.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	5.2806	5.2806	1.4400e-003	0.0000	5.3108
Total	1.5300e-003	0.0400	0.0311	6.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	5.2806	5.2806	1.4400e-003	0.0000	5.3108

3.17 A-Shoo-fly Pole Assembly (8) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	1.9000e-004	2.0000e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3355	0.3355	2.0000e-005	0.0000	0.3359
Total	1.3000e-004	1.9000e-004	2.0000e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3355	0.3355	2.0000e-005	0.0000	0.3359

3.18 A-Install Shoo-fly Pole (9) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0186	0.2205	0.1075	2.5000e-004		9.5600e-003	9.5600e-003		8.7900e-003	8.7900e-003	0.0000	23.8031	23.8031	7.1800e-003	0.0000	23.9539
Total	0.0186	0.2205	0.1075	2.5000e-004		9.5600e-003	9.5600e-003		8.7900e-003	8.7900e-003	0.0000	23.8031	23.8031	7.1800e-003	0.0000	23.9539

3.18 A-Install Shoo-fly Pole (9) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	8.7000e-004	6.1000e-004	0.0000	1.5100e-003	2.0000e-005	1.5300e-003	1.7000e-004	2.0000e-005	1.9000e-004	0.0000	0.2180	0.2180	0.0000	0.0000	0.2181
Worker	2.0000e-004	2.9000e-004	3.0600e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.5137	0.5137	3.0000e-005	0.0000	0.5143
Total	2.7000e-004	1.1600e-003	3.6700e-003	1.0000e-005	2.0600e-003	2.0000e-005	2.0800e-003	3.2000e-004	2.0000e-005	3.4000e-004	0.0000	0.7318	0.7318	3.0000e-005	0.0000	0.7324

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.1400e-003	0.1982	0.1438	2.5000e-004		5.4300e-003	5.4300e-003		5.4300e-003	5.4300e-003	0.0000	23.8031	23.8031	7.1800e-003	0.0000	23.9538
Total	7.1400e-003	0.1982	0.1438	2.5000e-004		5.4300e-003	5.4300e-003		5.4300e-003	5.4300e-003	0.0000	23.8031	23.8031	7.1800e-003	0.0000	23.9538

3.18 A-Install Shoo-fly Pole (9) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	8.7000e-004	6.1000e-004	0.0000	4.9000e-004	2.0000e-005	5.1000e-004	7.0000e-005	2.0000e-005	9.0000e-005	0.0000	0.2180	0.2180	0.0000	0.0000	0.2181
Worker	2.0000e-004	2.9000e-004	3.0600e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.5137	0.5137	3.0000e-005	0.0000	0.5143
Total	2.7000e-004	1.1600e-003	3.6700e-003	1.0000e-005	1.0400e-003	2.0000e-005	1.0600e-003	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	0.7318	0.7318	3.0000e-005	0.0000	0.7324

3.19 Duct Bank Installation (30) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0681	0.6005	0.3928	7.3000e-004		0.0365	0.0365		0.0351	0.0351	0.0000	65.9468	65.9468	0.0144	0.0000	66.2486
Total	0.0681	0.6005	0.3928	7.3000e-004		0.0365	0.0365		0.0351	0.0351	0.0000	65.9468	65.9468	0.0144	0.0000	66.2486

3.19 Duct Bank Installation (30) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1318	1.9425	1.7293	4.8400e-003	1.8636	0.0280	1.8916	0.2053	0.0258	0.2311	0.0000	442.2287	442.2287	3.2700e-003	0.0000	442.2974
Vendor	5.4000e-004	6.9100e-003	4.8200e-003	2.0000e-005	0.0120	1.5000e-004	0.0121	1.3400e-003	1.4000e-004	1.4900e-003	0.0000	1.7287	1.7287	1.0000e-005	0.0000	1.7289
Worker	1.3500e-003	2.0000e-003	0.0208	5.0000e-005	3.7300e-003	3.0000e-005	3.7600e-003	9.9000e-004	3.0000e-005	1.0200e-003	0.0000	3.4913	3.4913	1.9000e-004	0.0000	3.4953
Total	0.1337	1.9514	1.7549	4.9100e-003	1.8793	0.0282	1.9074	0.2076	0.0259	0.2336	0.0000	447.4487	447.4487	3.4700e-003	0.0000	447.5216

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0245	0.5881	0.4363	7.3000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	65.9468	65.9468	0.0144	0.0000	66.2485
Total	0.0245	0.5881	0.4363	7.3000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	65.9468	65.9468	0.0144	0.0000	66.2485

3.19 Duct Bank Installation (30) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1318	1.9425	1.7293	4.8400e-003	0.5937	0.0280	0.6217	0.0785	0.0258	0.1043	0.0000	442.2287	442.2287	3.2700e-003	0.0000	442.2974
Vendor	5.4000e-004	6.9100e-003	4.8200e-003	2.0000e-005	3.8500e-003	1.5000e-004	4.0100e-003	5.3000e-004	1.4000e-004	6.7000e-004	0.0000	1.7287	1.7287	1.0000e-005	0.0000	1.7289
Worker	1.3500e-003	2.0000e-003	0.0208	5.0000e-005	3.7300e-003	3.0000e-005	3.7600e-003	9.9000e-004	3.0000e-005	1.0200e-003	0.0000	3.4913	3.4913	1.9000e-004	0.0000	3.4953
Total	0.1337	1.9514	1.7549	4.9100e-003	0.6013	0.0282	0.6295	0.0800	0.0259	0.1060	0.0000	447.4487	447.4487	3.4700e-003	0.0000	447.5216

3.20 A-Install Shoo-fly Conductor (10) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0954	1.1023	0.5009	1.0500e-003		0.0498	0.0498		0.0458	0.0458	0.0000	99.0900	99.0900	0.0299	0.0000	99.7176
Total	0.0954	1.1023	0.5009	1.0500e-003		0.0498	0.0498		0.0458	0.0458	0.0000	99.0900	99.0900	0.0299	0.0000	99.7176

3.20 A-Install Shoo-fly Conductor (10) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	1.6200e-003	1.1300e-003	0.0000	2.8000e-003	4.0000e-005	2.8400e-003	3.1000e-004	3.0000e-005	3.5000e-004	0.0000	0.4049	0.4049	0.0000	0.0000	0.4050
Worker	5.0000e-004	7.4000e-004	7.7000e-003	2.0000e-005	1.3800e-003	1.0000e-005	1.3900e-003	3.7000e-004	1.0000e-005	3.8000e-004	0.0000	1.2948	1.2948	7.0000e-005	0.0000	1.2963
Total	6.3000e-004	2.3600e-003	8.8300e-003	2.0000e-005	4.1800e-003	5.0000e-005	4.2300e-003	6.8000e-004	4.0000e-005	7.3000e-004	0.0000	1.6998	1.6998	7.0000e-005	0.0000	1.7013

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0297	0.7977	0.6058	1.0500e-003		0.0221	0.0221		0.0221	0.0221	0.0000	99.0898	99.0898	0.0299	0.0000	99.7175
Total	0.0297	0.7977	0.6058	1.0500e-003		0.0221	0.0221		0.0221	0.0221	0.0000	99.0898	99.0898	0.0299	0.0000	99.7175

3.20 A-Install Shoo-fly Conductor (10) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	1.6200e-003	1.1300e-003	0.0000	9.0000e-004	4.0000e-005	9.4000e-004	1.2000e-004	3.0000e-005	1.6000e-004	0.0000	0.4049	0.4049	0.0000	0.0000	0.4050
Worker	5.0000e-004	7.4000e-004	7.7000e-003	2.0000e-005	1.3800e-003	1.0000e-005	1.3900e-003	3.7000e-004	1.0000e-005	3.8000e-004	0.0000	1.2948	1.2948	7.0000e-005	0.0000	1.2963
Total	6.3000e-004	2.3600e-003	8.8300e-003	2.0000e-005	2.2800e-003	5.0000e-005	2.3300e-003	4.9000e-004	4.0000e-005	5.4000e-004	0.0000	1.6998	1.6998	7.0000e-005	0.0000	1.7013

3.21 Splicing & Testing - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0555	0.4768	0.3139	3.8000e-004		0.0402	0.0402		0.0370	0.0370	0.0000	35.4779	35.4779	0.0107	0.0000	35.7026
Total	0.0555	0.4768	0.3139	3.8000e-004		0.0402	0.0402		0.0370	0.0370	0.0000	35.4779	35.4779	0.0107	0.0000	35.7026

3.21 Splicing & Testing - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6800e-003	2.5000e-003	0.0260	6.0000e-005	4.6600e-003	4.0000e-005	4.7000e-003	1.2400e-003	4.0000e-005	1.2700e-003	0.0000	4.3668	4.3668	2.3000e-004	0.0000	4.3717
Total	1.6800e-003	2.5000e-003	0.0260	6.0000e-005	4.6600e-003	4.0000e-005	4.7000e-003	1.2400e-003	4.0000e-005	1.2700e-003	0.0000	4.3668	4.3668	2.3000e-004	0.0000	4.3717

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0179	0.3686	0.2871	3.8000e-004		0.0149	0.0149		0.0149	0.0149	0.0000	35.4778	35.4778	0.0107	0.0000	35.7026
Total	0.0179	0.3686	0.2871	3.8000e-004		0.0149	0.0149		0.0149	0.0149	0.0000	35.4778	35.4778	0.0107	0.0000	35.7026

3.21 Splicing & Testing - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6800e-003	2.5000e-003	0.0260	6.0000e-005	4.6600e-003	4.0000e-005	4.7000e-003	1.2400e-003	4.0000e-005	1.2700e-003	0.0000	4.3668	4.3668	2.3000e-004	0.0000	4.3717
Total	1.6800e-003	2.5000e-003	0.0260	6.0000e-005	4.6600e-003	4.0000e-005	4.7000e-003	1.2400e-003	4.0000e-005	1.2700e-003	0.0000	4.3668	4.3668	2.3000e-004	0.0000	4.3717

3.22 A-TSP Haul (22) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0144	0.1685	0.0676	1.5000e-004		7.0700e-003	7.0700e-003		6.5100e-003	6.5100e-003	0.0000	14.3749	14.3749	4.3400e-003	0.0000	14.4660
Total	0.0144	0.1685	0.0676	1.5000e-004		7.0700e-003	7.0700e-003		6.5100e-003	6.5100e-003	0.0000	14.3749	14.3749	4.3400e-003	0.0000	14.4660

3.22 A-TSP Haul (22) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	1.3700e-003	9.6000e-004	0.0000	2.3700e-003	3.0000e-005	2.4000e-003	2.7000e-004	3.0000e-005	2.9000e-004	0.0000	0.3426	0.3426	0.0000	0.0000	0.3427
Worker	1.1000e-004	1.6000e-004	1.7100e-003	0.0000	3.1000e-004	0.0000	3.1000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2883	0.2883	2.0000e-005	0.0000	0.2887
Total	2.2000e-004	1.5300e-003	2.6700e-003	0.0000	2.6800e-003	3.0000e-005	2.7100e-003	3.5000e-004	3.0000e-005	3.7000e-004	0.0000	0.6310	0.6310	2.0000e-005	0.0000	0.6313

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.7400e-003	0.0994	0.0810	1.5000e-004		2.7400e-003	2.7400e-003		2.7400e-003	2.7400e-003	0.0000	14.3749	14.3749	4.3400e-003	0.0000	14.4660
Total	3.7400e-003	0.0994	0.0810	1.5000e-004		2.7400e-003	2.7400e-003		2.7400e-003	2.7400e-003	0.0000	14.3749	14.3749	4.3400e-003	0.0000	14.4660

3.22 A-TSP Haul (22) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	1.3700e-003	9.6000e-004	0.0000	7.6000e-004	3.0000e-005	7.9000e-004	1.1000e-004	3.0000e-005	1.3000e-004	0.0000	0.3426	0.3426	0.0000	0.0000	0.3427
Worker	1.1000e-004	1.6000e-004	1.7100e-003	0.0000	3.1000e-004	0.0000	3.1000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2883	0.2883	2.0000e-005	0.0000	0.2887
Total	2.2000e-004	1.5300e-003	2.6700e-003	0.0000	1.0700e-003	3.0000e-005	1.1000e-003	1.9000e-004	3.0000e-005	2.1000e-004	0.0000	0.6310	0.6310	2.0000e-005	0.0000	0.6313

3.23 A-TSP Assembly (23) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.5200e-003	0.0997	0.0459	1.0000e-004		4.7500e-003	4.7500e-003		4.4600e-003	4.4600e-003	0.0000	8.9740	8.9740	2.4300e-003	0.0000	9.0249
Total	9.5200e-003	0.0997	0.0459	1.0000e-004		4.7500e-003	4.7500e-003		4.4600e-003	4.4600e-003	0.0000	8.9740	8.9740	2.4300e-003	0.0000	9.0249

3.23 A-TSP Assembly (23) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	2.9000e-004	2.9900e-003	1.0000e-005	5.4000e-004	0.0000	5.4000e-004	1.4000e-004	0.0000	1.5000e-004	0.0000	0.5033	0.5033	3.0000e-005	0.0000	0.5038
Total	1.9000e-004	2.9000e-004	2.9900e-003	1.0000e-005	5.4000e-004	0.0000	5.4000e-004	1.4000e-004	0.0000	1.5000e-004	0.0000	0.5033	0.5033	3.0000e-005	0.0000	0.5038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6200e-003	0.0663	0.0529	1.0000e-004		1.9900e-003	1.9900e-003		1.9900e-003	1.9900e-003	0.0000	8.9739	8.9739	2.4300e-003	0.0000	9.0249
Total	2.6200e-003	0.0663	0.0529	1.0000e-004		1.9900e-003	1.9900e-003		1.9900e-003	1.9900e-003	0.0000	8.9739	8.9739	2.4300e-003	0.0000	9.0249

3.23 A-TSP Assembly (23) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	2.9000e-004	2.9900e-003	1.0000e-005	5.4000e-004	0.0000	5.4000e-004	1.4000e-004	0.0000	1.5000e-004	0.0000	0.5033	0.5033	3.0000e-005	0.0000	0.5038
Total	1.9000e-004	2.9000e-004	2.9900e-003	1.0000e-005	5.4000e-004	0.0000	5.4000e-004	1.4000e-004	0.0000	1.5000e-004	0.0000	0.5033	0.5033	3.0000e-005	0.0000	0.5038

3.24 A-Remove Existing Conductor & GW (11) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0506	0.6117	0.2880	5.7000e-004		0.0266	0.0266		0.0245	0.0245	0.0000	53.6515	53.6515	0.0162	0.0000	53.9913
Total	0.0506	0.6117	0.2880	5.7000e-004		0.0266	0.0266		0.0245	0.0245	0.0000	53.6515	53.6515	0.0162	0.0000	53.9913

3.24 A-Remove Existing Conductor & GW (11) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2000e-004	6.7200e-003	4.6900e-003	2.0000e-005	0.0117	1.5000e-004	0.0118	1.3100e-003	1.4000e-004	1.4500e-003	0.0000	1.6820	1.6820	1.0000e-005	0.0000	1.6822
Worker	1.1600e-003	1.7300e-003	0.0180	4.0000e-005	3.2200e-003	3.0000e-005	3.2500e-003	8.6000e-004	3.0000e-005	8.8000e-004	0.0000	3.0195	3.0195	1.6000e-004	0.0000	3.0229
Total	1.6800e-003	8.4500e-003	0.0227	6.0000e-005	0.0149	1.8000e-004	0.0151	2.1700e-003	1.7000e-004	2.3300e-003	0.0000	4.7015	4.7015	1.7000e-004	0.0000	4.7051

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0172	0.4327	0.3434	5.7000e-004		0.0127	0.0127		0.0127	0.0127	0.0000	53.6514	53.6514	0.0162	0.0000	53.9913
Total	0.0172	0.4327	0.3434	5.7000e-004		0.0127	0.0127		0.0127	0.0127	0.0000	53.6514	53.6514	0.0162	0.0000	53.9913

3.24 A-Remove Existing Conductor & GW (11) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2000e-004	6.7200e-003	4.6900e-003	2.0000e-005	3.7500e-003	1.5000e-004	3.9000e-003	5.2000e-004	1.4000e-004	6.6000e-004	0.0000	1.6820	1.6820	1.0000e-005	0.0000	1.6822
Worker	1.1600e-003	1.7300e-003	0.0180	4.0000e-005	3.2200e-003	3.0000e-005	3.2500e-003	8.6000e-004	3.0000e-005	8.8000e-004	0.0000	3.0195	3.0195	1.6000e-004	0.0000	3.0229
Total	1.6800e-003	8.4500e-003	0.0227	6.0000e-005	6.9700e-003	1.8000e-004	7.1500e-003	1.3800e-003	1.7000e-004	1.5400e-003	0.0000	4.7015	4.7015	1.7000e-004	0.0000	4.7051

3.25 A-TSP Erection (24) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.9400e-003	0.0831	0.0383	8.0000e-005		3.9600e-003	3.9600e-003		3.7200e-003	3.7200e-003	0.0000	7.4783	7.4783	2.0200e-003	0.0000	7.5207
Total	7.9400e-003	0.0831	0.0383	8.0000e-005		3.9600e-003	3.9600e-003		3.7200e-003	3.7200e-003	0.0000	7.4783	7.4783	2.0200e-003	0.0000	7.5207

3.25 A-TSP Erection (24) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	2.4000e-004	2.4900e-003	1.0000e-005	4.5000e-004	0.0000	4.5000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.4194	0.4194	2.0000e-005	0.0000	0.4199
Total	1.6000e-004	2.4000e-004	2.4900e-003	1.0000e-005	4.5000e-004	0.0000	4.5000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.4194	0.4194	2.0000e-005	0.0000	0.4199

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.1800e-003	0.0553	0.0441	8.0000e-005		1.6600e-003	1.6600e-003		1.6600e-003	1.6600e-003	0.0000	7.4783	7.4783	2.0200e-003	0.0000	7.5207
Total	2.1800e-003	0.0553	0.0441	8.0000e-005		1.6600e-003	1.6600e-003		1.6600e-003	1.6600e-003	0.0000	7.4783	7.4783	2.0200e-003	0.0000	7.5207

3.25 A-TSP Erection (24) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	2.4000e-004	2.4900e-003	1.0000e-005	4.5000e-004	0.0000	4.5000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.4194	0.4194	2.0000e-005	0.0000	0.4199
Total	1.6000e-004	2.4000e-004	2.4900e-003	1.0000e-005	4.5000e-004	0.0000	4.5000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.4194	0.4194	2.0000e-005	0.0000	0.4199

3.26 A-Install/Transfer Conductor (25) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.6430	7.3276	3.6380	6.2900e-003		0.3652	0.3652		0.3360	0.3360	0.0000	593.2935	593.2935	0.1790	0.0000	597.0516
Total	0.6430	7.3276	3.6380	6.2900e-003		0.3652	0.3652		0.3360	0.3360	0.0000	593.2935	593.2935	0.1790	0.0000	597.0516

3.26 A-Install/Transfer Conductor (25) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4600e-003	0.0189	0.0132	5.0000e-005	0.0327	4.2000e-004	0.0331	3.6700e-003	3.9000e-004	4.0600e-003	0.0000	4.7190	4.7190	3.0000e-005	0.0000	4.7195
Worker	6.9400e-003	0.0103	0.1071	2.4000e-004	0.0192	1.6000e-004	0.0194	5.1000e-003	1.5000e-004	5.2600e-003	0.0000	18.0018	18.0018	9.7000e-004	0.0000	18.0221
Total	8.4000e-003	0.0292	0.1202	2.9000e-004	0.0519	5.8000e-004	0.0525	8.7700e-003	5.4000e-004	9.3200e-003	0.0000	22.7207	22.7207	1.0000e-003	0.0000	22.7416

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2058	4.8722	4.0476	6.2900e-003		0.1498	0.1498		0.1498	0.1498	0.0000	593.2928	593.2928	0.1790	0.0000	597.0509
Total	0.2058	4.8722	4.0476	6.2900e-003		0.1498	0.1498		0.1498	0.1498	0.0000	593.2928	593.2928	0.1790	0.0000	597.0509

3.26 A-Install/Transfer Conductor (25) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4600e-003	0.0189	0.0132	5.0000e-005	0.0105	4.2000e-004	0.0109	1.4600e-003	3.9000e-004	1.8400e-003	0.0000	4.7190	4.7190	3.0000e-005	0.0000	4.7195
Worker	6.9400e-003	0.0103	0.1071	2.4000e-004	0.0192	1.6000e-004	0.0194	5.1000e-003	1.5000e-004	5.2600e-003	0.0000	18.0018	18.0018	9.7000e-004	0.0000	18.0221
Total	8.4000e-003	0.0292	0.1202	2.9000e-004	0.0297	5.8000e-004	0.0303	6.5600e-003	5.4000e-004	7.1000e-003	0.0000	22.7207	22.7207	1.0000e-003	0.0000	22.7416

3.27 A-LST Removal (12) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0160	0.1647	0.0754	1.5000e-004		8.1500e-003	8.1500e-003		7.6800e-003	7.6800e-003	0.0000	13.9879	13.9879	3.6700e-003	0.0000	14.0650
Total	0.0160	0.1647	0.0754	1.5000e-004		8.1500e-003	8.1500e-003		7.6800e-003	7.6800e-003	0.0000	13.9879	13.9879	3.6700e-003	0.0000	14.0650

3.27 A-LST Removal (12) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	1.5700e-003	1.4000e-003	0.0000	1.5000e-003	2.0000e-005	1.5300e-003	1.7000e-004	2.0000e-005	1.9000e-004	0.0000	0.3568	0.3568	0.0000	0.0000	0.3568
Vendor	7.0000e-005	8.7000e-004	6.1000e-004	0.0000	1.5100e-003	2.0000e-005	1.5300e-003	1.7000e-004	2.0000e-005	1.9000e-004	0.0000	0.2180	0.2180	0.0000	0.0000	0.2181
Worker	2.0000e-004	2.9000e-004	3.0600e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.5137	0.5137	3.0000e-005	0.0000	0.5143
Total	3.8000e-004	2.7300e-003	5.0700e-003	1.0000e-005	3.5600e-003	4.0000e-005	3.6100e-003	4.9000e-004	4.0000e-005	5.3000e-004	0.0000	1.0886	1.0886	3.0000e-005	0.0000	1.0892

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.1900e-003	0.1001	0.0834	1.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003	0.0000	13.9878	13.9878	3.6700e-003	0.0000	14.0650
Total	4.1900e-003	0.1001	0.0834	1.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003	0.0000	13.9878	13.9878	3.6700e-003	0.0000	14.0650

3.27 A-LST Removal (12) - 2016**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	1.5700e-003	1.4000e-003	0.0000	4.8000e-004	2.0000e-005	5.0000e-004	6.0000e-005	2.0000e-005	8.0000e-005	0.0000	0.3568	0.3568	0.0000	0.0000	0.3568
Vendor	7.0000e-005	8.7000e-004	6.1000e-004	0.0000	4.9000e-004	2.0000e-005	5.1000e-004	7.0000e-005	2.0000e-005	9.0000e-005	0.0000	0.2180	0.2180	0.0000	0.0000	0.2181
Worker	2.0000e-004	2.9000e-004	3.0600e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.5137	0.5137	3.0000e-005	0.0000	0.5143
Total	3.8000e-004	2.7300e-003	5.0700e-003	1.0000e-005	1.5200e-003	4.0000e-005	1.5600e-003	2.8000e-004	4.0000e-005	3.2000e-004	0.0000	1.0886	1.0886	3.0000e-005	0.0000	1.0892

3.28 Install Underground Cable (31) - 2016**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0791	0.9243	0.4727	9.7000e-004		0.0396	0.0396		0.0364	0.0364	0.0000	91.7294	91.7294	0.0277	0.0000	92.3104
Total	0.0791	0.9243	0.4727	9.7000e-004		0.0396	0.0396		0.0364	0.0364	0.0000	91.7294	91.7294	0.0277	0.0000	92.3104

3.28 Install Underground Cable (31) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	2.8000e-004	2.9300e-003	1.0000e-005	5.3000e-004	0.0000	5.3000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4928	0.4928	3.0000e-005	0.0000	0.4933
Total	1.9000e-004	2.8000e-004	2.9300e-003	1.0000e-005	5.3000e-004	0.0000	5.3000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4928	0.4928	3.0000e-005	0.0000	0.4933

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0287	0.7526	0.5803	9.7000e-004		0.0211	0.0211		0.0211	0.0211	0.0000	91.7293	91.7293	0.0277	0.0000	92.3103
Total	0.0287	0.7526	0.5803	9.7000e-004		0.0211	0.0211		0.0211	0.0211	0.0000	91.7293	91.7293	0.0277	0.0000	92.3103

3.28 Install Underground Cable (31) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	2.8000e-004	2.9300e-003	1.0000e-005	5.3000e-004	0.0000	5.3000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4928	0.4928	3.0000e-005	0.0000	0.4933
Total	1.9000e-004	2.8000e-004	2.9300e-003	1.0000e-005	5.3000e-004	0.0000	5.3000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4928	0.4928	3.0000e-005	0.0000	0.4933

3.29 A-LST Foundation Removal (13) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0112	0.1055	0.0687	1.2000e-004		6.2000e-003	6.2000e-003		5.8600e-003	5.8600e-003	0.0000	11.2762	11.2762	2.9300e-003	0.0000	11.3378
Total	0.0112	0.1055	0.0687	1.2000e-004		6.2000e-003	6.2000e-003		5.8600e-003	5.8600e-003	0.0000	11.2762	11.2762	2.9300e-003	0.0000	11.3378

3.29 A-LST Foundation Removal (13) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	1.2300e-003	1.1000e-003	0.0000	1.1800e-003	2.0000e-005	1.2000e-003	1.3000e-004	2.0000e-005	1.5000e-004	0.0000	0.2803	0.2803	0.0000	0.0000	0.2804
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	1.8000e-004	1.8700e-003	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3145	0.3145	2.0000e-005	0.0000	0.3149
Total	2.0000e-004	1.4100e-003	2.9700e-003	0.0000	1.5200e-003	2.0000e-005	1.5400e-003	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	0.5949	0.5949	2.0000e-005	0.0000	0.5953

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.2100e-003	0.1012	0.0771	1.2000e-004		3.2700e-003	3.2700e-003		3.2700e-003	3.2700e-003	0.0000	11.2762	11.2762	2.9300e-003	0.0000	11.3378
Total	4.2100e-003	0.1012	0.0771	1.2000e-004		3.2700e-003	3.2700e-003		3.2700e-003	3.2700e-003	0.0000	11.2762	11.2762	2.9300e-003	0.0000	11.3378

3.29 A-LST Foundation Removal (13) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	1.2300e-003	1.1000e-003	0.0000	3.8000e-004	2.0000e-005	3.9000e-004	5.0000e-005	2.0000e-005	7.0000e-005	0.0000	0.2803	0.2803	0.0000	0.0000	0.2804
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	1.8000e-004	1.8700e-003	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3145	0.3145	2.0000e-005	0.0000	0.3149
Total	2.0000e-004	1.4100e-003	2.9700e-003	0.0000	7.2000e-004	2.0000e-005	7.3000e-004	1.4000e-004	2.0000e-005	1.6000e-004	0.0000	0.5949	0.5949	2.0000e-005	0.0000	0.5953

3.30 A-TSP Removal (14) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8300e-003	0.0182	8.9100e-003	2.0000e-005		9.2000e-004	9.2000e-004		8.7000e-004	8.7000e-004	0.0000	1.6659	1.6659	4.2000e-004	0.0000	1.6748
Total	1.8300e-003	0.0182	8.9100e-003	2.0000e-005		9.2000e-004	9.2000e-004		8.7000e-004	8.7000e-004	0.0000	1.6659	1.6659	4.2000e-004	0.0000	1.6748

3.30 A-TSP Removal (14) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	5.0000e-005	5.0000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0839	0.0839	0.0000	0.0000	0.0840
Total	3.0000e-005	5.0000e-005	5.0000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0839	0.0839	0.0000	0.0000	0.0840

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.1000e-004	0.0126	0.0100	2.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	1.6659	1.6659	4.2000e-004	0.0000	1.6748
Total	5.1000e-004	0.0126	0.0100	2.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	1.6659	1.6659	4.2000e-004	0.0000	1.6748

3.30 A-TSP Removal (14) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	5.0000e-005	5.0000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0839	0.0839	0.0000	0.0000	0.0840
Total	3.0000e-005	5.0000e-005	5.0000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0839	0.0839	0.0000	0.0000	0.0840

3.31 Civil Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.5149	5.7298	3.3783	6.6800e-003		0.2956	0.2956		0.2727	0.2727	0.0000	627.7622	627.7622	0.1863	0.0000	631.6749
Total	0.5149	5.7298	3.3783	6.6800e-003		0.2956	0.2956		0.2727	0.2727	0.0000	627.7622	627.7622	0.1863	0.0000	631.6749

3.31 Civil Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0213	0.3134	0.2790	7.8000e-004	0.3007	4.5200e-003	0.3052	0.0331	4.1600e-003	0.0373	0.0000	71.3560	71.3560	5.3000e-004	0.0000	71.3671
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0109	0.0161	0.1676	3.7000e-004	0.0301	2.6000e-004	0.0304	7.9900e-003	2.4000e-004	8.2300e-003	0.0000	28.1821	28.1821	1.5200e-003	0.0000	28.2140
Total	0.0321	0.3296	0.4466	1.1500e-003	0.3308	4.7800e-003	0.3356	0.0411	4.4000e-003	0.0455	0.0000	99.5381	99.5381	2.0500e-003	0.0000	99.5810

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2215	5.6365	4.1871	6.6800e-003		0.1703	0.1703		0.1703	0.1703	0.0000	627.7615	627.7615	0.1863	0.0000	631.6741
Total	0.2215	5.6365	4.1871	6.6800e-003		0.1703	0.1703		0.1703	0.1703	0.0000	627.7615	627.7615	0.1863	0.0000	631.6741

3.31 Civil Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0213	0.3134	0.2790	7.8000e-004	0.0958	4.5200e-003	0.1003	0.0127	4.1600e-003	0.0168	0.0000	71.3560	71.3560	5.3000e-004	0.0000	71.3671
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0109	0.0161	0.1676	3.7000e-004	0.0301	2.6000e-004	0.0304	7.9900e-003	2.4000e-004	8.2300e-003	0.0000	28.1821	28.1821	1.5200e-003	0.0000	28.2140
Total	0.0321	0.3296	0.4466	1.1500e-003	0.1259	4.7800e-003	0.1307	0.0207	4.4000e-003	0.0251	0.0000	99.5381	99.5381	2.0500e-003	0.0000	99.5810

3.32 MEER Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1958	1.9176	1.3179	2.1500e-003		0.1187	0.1187		0.1117	0.1117	0.0000	197.5383	197.5383	0.0491	0.0000	198.5687
Total	0.1958	1.9176	1.3179	2.1500e-003		0.1187	0.1187		0.1117	0.1117	0.0000	197.5383	197.5383	0.0491	0.0000	198.5687

3.32 MEER Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.5000e-004	6.6000e-003	5.8800e-003	2.0000e-005	6.3400e-003	1.0000e-004	6.4300e-003	7.0000e-004	9.0000e-005	7.9000e-004	0.0000	1.5036	1.5036	1.0000e-005	0.0000	1.5038
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-003	0.0141	0.1467	3.2000e-004	0.0263	2.2000e-004	0.0266	6.9900e-003	2.1000e-004	7.2000e-003	0.0000	24.6594	24.6594	1.3300e-003	0.0000	24.6872
Total	9.9500e-003	0.0207	0.1525	3.4000e-004	0.0327	3.2000e-004	0.0330	7.6900e-003	3.0000e-004	7.9900e-003	0.0000	26.1629	26.1629	1.3400e-003	0.0000	26.1910

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0832	1.8236	1.4148	2.1500e-003		0.0680	0.0680		0.0680	0.0680	0.0000	197.5381	197.5381	0.0491	0.0000	198.5684
Total	0.0832	1.8236	1.4148	2.1500e-003		0.0680	0.0680		0.0680	0.0680	0.0000	197.5381	197.5381	0.0491	0.0000	198.5684

3.32 MEER Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.5000e-004	6.6000e-003	5.8800e-003	2.0000e-005	2.0200e-003	1.0000e-004	2.1100e-003	2.7000e-004	9.0000e-005	3.5000e-004	0.0000	1.5036	1.5036	1.0000e-005	0.0000	1.5038
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-003	0.0141	0.1467	3.2000e-004	0.0263	2.2000e-004	0.0266	6.9900e-003	2.1000e-004	7.2000e-003	0.0000	24.6594	24.6594	1.3300e-003	0.0000	24.6872
Total	9.9500e-003	0.0207	0.1525	3.4000e-004	0.0284	3.2000e-004	0.0287	7.2600e-003	3.0000e-004	7.5500e-003	0.0000	26.1629	26.1629	1.3400e-003	0.0000	26.1910

3.33 Control Building Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1555	1.6130	1.0783	1.7300e-003		0.0974	0.0974		0.0903	0.0903	0.0000	161.9303	161.9303	0.0458	0.0000	162.8922
Total	0.1555	1.6130	1.0783	1.7300e-003		0.0974	0.0974		0.0903	0.0903	0.0000	161.9303	161.9303	0.0458	0.0000	162.8922

3.33 Control Building Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.2000e-004	3.2500e-003	2.8900e-003	1.0000e-005	3.1100e-003	5.0000e-005	3.1600e-003	3.4000e-004	4.0000e-005	3.9000e-004	0.0000	0.7390	0.7390	1.0000e-005	0.0000	0.7392
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-003	0.0141	0.1467	3.2000e-004	0.0263	2.2000e-004	0.0266	6.9900e-003	2.1000e-004	7.2000e-003	0.0000	24.6594	24.6594	1.3300e-003	0.0000	24.6872
Total	9.7200e-003	0.0174	0.1495	3.3000e-004	0.0294	2.7000e-004	0.0297	7.3300e-003	2.5000e-004	7.5900e-003	0.0000	25.3984	25.3984	1.3400e-003	0.0000	25.4264

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0673	1.4955	1.1592	1.7300e-003		0.0548	0.0548		0.0548	0.0548	0.0000	161.9301	161.9301	0.0458	0.0000	162.8920
Total	0.0673	1.4955	1.1592	1.7300e-003		0.0548	0.0548		0.0548	0.0548	0.0000	161.9301	161.9301	0.0458	0.0000	162.8920

3.33 Control Building Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.2000e-004	3.2500e-003	2.8900e-003	1.0000e-005	9.9000e-004	5.0000e-005	1.0400e-003	1.3000e-004	4.0000e-005	1.7000e-004	0.0000	0.7390	0.7390	1.0000e-005	0.0000	0.7392
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-003	0.0141	0.1467	3.2000e-004	0.0263	2.2000e-004	0.0266	6.9900e-003	2.1000e-004	7.2000e-003	0.0000	24.6594	24.6594	1.3300e-003	0.0000	24.6872
Total	9.7200e-003	0.0174	0.1495	3.3000e-004	0.0273	2.7000e-004	0.0276	7.1200e-003	2.5000e-004	7.3700e-003	0.0000	25.3984	25.3984	1.3400e-003	0.0000	25.4264

3.34 Test & Maintenance Building Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1555	1.6130	1.0783	1.7300e-003		0.0974	0.0974		0.0903	0.0903	0.0000	161.9303	161.9303	0.0458	0.0000	162.8922
Total	0.1555	1.6130	1.0783	1.7300e-003		0.0974	0.0974		0.0903	0.0903	0.0000	161.9303	161.9303	0.0458	0.0000	162.8922

3.34 Test & Maintenance Building Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7000e-004	3.9200e-003	3.4900e-003	1.0000e-005	3.7600e-003	6.0000e-005	3.8200e-003	4.1000e-004	5.0000e-005	4.7000e-004	0.0000	0.8920	0.8920	1.0000e-005	0.0000	0.8921
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-003	0.0141	0.1467	3.2000e-004	0.0263	2.2000e-004	0.0266	6.9900e-003	2.1000e-004	7.2000e-003	0.0000	24.6594	24.6594	1.3300e-003	0.0000	24.6872
Total	9.7700e-003	0.0180	0.1501	3.3000e-004	0.0301	2.8000e-004	0.0304	7.4000e-003	2.6000e-004	7.6700e-003	0.0000	25.5513	25.5513	1.3400e-003	0.0000	25.5793

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0673	1.4955	1.1592	1.7300e-003		0.0548	0.0548		0.0548	0.0548	0.0000	161.9301	161.9301	0.0458	0.0000	162.8920
Total	0.0673	1.4955	1.1592	1.7300e-003		0.0548	0.0548		0.0548	0.0548	0.0000	161.9301	161.9301	0.0458	0.0000	162.8920

3.34 Test & Maintenance Building Phase 1 - 2016**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7000e-004	3.9200e-003	3.4900e-003	1.0000e-005	1.2000e-003	6.0000e-005	1.2500e-003	1.6000e-004	5.0000e-005	2.1000e-004	0.0000	0.8920	0.8920	1.0000e-005	0.0000	0.8921
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-003	0.0141	0.1467	3.2000e-004	0.0263	2.2000e-004	0.0266	6.9900e-003	2.1000e-004	7.2000e-003	0.0000	24.6594	24.6594	1.3300e-003	0.0000	24.6872
Total	9.7700e-003	0.0180	0.1501	3.3000e-004	0.0275	2.8000e-004	0.0278	7.1500e-003	2.6000e-004	7.4100e-003	0.0000	25.5513	25.5513	1.3400e-003	0.0000	25.5793

3.35 A-TSP Foundation Removal (15) 220 kV & 66 kV - 2016**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.6100e-003	0.0527	0.0344	6.0000e-005		3.1000e-003	3.1000e-003		2.9300e-003	2.9300e-003	0.0000	5.6381	5.6381	1.4700e-003	0.0000	5.6689
Total	5.6100e-003	0.0527	0.0344	6.0000e-005		3.1000e-003	3.1000e-003		2.9300e-003	2.9300e-003	0.0000	5.6381	5.6381	1.4700e-003	0.0000	5.6689

3.35 A-TSP Foundation Removal (15) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.0000e-004	0.0103	9.1700e-003	3.0000e-005	9.8800e-003	1.5000e-004	0.0100	1.0900e-003	1.4000e-004	1.2200e-003	0.0000	2.3446	2.3446	2.0000e-005	0.0000	2.3449
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	9.4000e-004	0.0000	1.7000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.1573	0.1573	1.0000e-005	0.0000	0.1574
Total	7.6000e-004	0.0104	0.0101	3.0000e-005	0.0101	1.5000e-004	0.0102	1.1300e-003	1.4000e-004	1.2700e-003	0.0000	2.5018	2.5018	3.0000e-005	0.0000	2.5024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.1100e-003	0.0506	0.0386	6.0000e-005		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	5.6381	5.6381	1.4700e-003	0.0000	5.6689
Total	2.1100e-003	0.0506	0.0386	6.0000e-005		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	5.6381	5.6381	1.4700e-003	0.0000	5.6689

3.35 A-TSP Foundation Removal (15) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.0000e-004	0.0103	9.1700e-003	3.0000e-005	3.1500e-003	1.5000e-004	3.3000e-003	4.2000e-004	1.4000e-004	5.5000e-004	0.0000	2.3446	2.3446	2.0000e-005	0.0000	2.3449
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	9.4000e-004	0.0000	1.7000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.1573	0.1573	1.0000e-005	0.0000	0.1574
Total	7.6000e-004	0.0104	0.0101	3.0000e-005	3.3200e-003	1.5000e-004	3.4700e-003	4.6000e-004	1.4000e-004	6.0000e-004	0.0000	2.5018	2.5018	3.0000e-005	0.0000	2.5024

3.36 A-Install LST Foundations (17) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0471	0.5492	0.2558	6.4000e-004		0.0235	0.0235		0.0217	0.0217	0.0000	59.3627	59.3627	0.0176	0.0000	59.7331
Total	0.0471	0.5492	0.2558	6.4000e-004		0.0235	0.0235		0.0217	0.0217	0.0000	59.3627	59.3627	0.0176	0.0000	59.7331

3.36 A-Install LST Foundations (17) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.9600e-003	0.0878	0.0781	2.2000e-004	0.0842	1.2700e-003	0.0855	9.2800e-003	1.1600e-003	0.0104	0.0000	19.9797	19.9797	1.5000e-004	0.0000	19.9828
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	8.2000e-004	8.4800e-003	2.0000e-005	1.5200e-003	1.0000e-005	1.5400e-003	4.0000e-004	1.0000e-005	4.2000e-004	0.0000	1.4259	1.4259	8.0000e-005	0.0000	1.4275
Total	6.5100e-003	0.0886	0.0866	2.4000e-004	0.0857	1.2800e-003	0.0870	9.6800e-003	1.1700e-003	0.0109	0.0000	21.4056	21.4056	2.3000e-004	0.0000	21.4103

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0166	0.4791	0.3425	6.4000e-004		0.0125	0.0125		0.0125	0.0125	0.0000	59.3627	59.3627	0.0176	0.0000	59.7330
Total	0.0166	0.4791	0.3425	6.4000e-004		0.0125	0.0125		0.0125	0.0125	0.0000	59.3627	59.3627	0.0176	0.0000	59.7330

3.36 A-Install LST Foundations (17) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.9600e-003	0.0878	0.0781	2.2000e-004	0.0268	1.2700e-003	0.0281	3.5500e-003	1.1600e-003	4.7100e-003	0.0000	19.9797	19.9797	1.5000e-004	0.0000	19.9828
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	8.2000e-004	8.4800e-003	2.0000e-005	1.5200e-003	1.0000e-005	1.5400e-003	4.0000e-004	1.0000e-005	4.2000e-004	0.0000	1.4259	1.4259	8.0000e-005	0.0000	1.4275
Total	6.5100e-003	0.0886	0.0866	2.4000e-004	0.0283	1.2800e-003	0.0296	3.9500e-003	1.1700e-003	5.1300e-003	0.0000	21.4056	21.4056	2.3000e-004	0.0000	21.4103

3.37 Fencing Phase 1 Block Wall - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0467	0.4153	0.3184	4.6000e-004		0.0306	0.0306		0.0289	0.0289	0.0000	41.7698	41.7698	9.6000e-003	0.0000	41.9715
Total	0.0467	0.4153	0.3184	4.6000e-004		0.0306	0.0306		0.0289	0.0289	0.0000	41.7698	41.7698	9.6000e-003	0.0000	41.9715

3.37 Fencing Phase 1 Block Wall - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.3000e-004	9.2900e-003	8.2700e-003	2.0000e-005	8.9100e-003	1.3000e-004	9.0500e-003	9.8000e-004	1.2000e-004	1.1100e-003	0.0000	2.1152	2.1152	2.0000e-005	0.0000	2.1155
Vendor	3.3000e-004	4.2900e-003	3.0000e-003	1.0000e-005	7.4400e-003	1.0000e-004	7.5400e-003	8.4000e-004	9.0000e-005	9.2000e-004	0.0000	1.0746	1.0746	1.0000e-005	0.0000	1.0747
Worker	2.3700e-003	3.5200e-003	0.0366	8.0000e-005	6.5700e-003	6.0000e-005	6.6200e-003	1.7400e-003	5.0000e-005	1.8000e-003	0.0000	6.1491	6.1491	3.3000e-004	0.0000	6.1561
Total	3.3300e-003	0.0171	0.0478	1.1000e-004	0.0229	2.9000e-004	0.0232	3.5600e-003	2.6000e-004	3.8300e-003	0.0000	9.3389	9.3389	3.6000e-004	0.0000	9.3463

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0201	0.4143	0.3227	4.6000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	41.7698	41.7698	9.6000e-003	0.0000	41.9714
Total	0.0201	0.4143	0.3227	4.6000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	41.7698	41.7698	9.6000e-003	0.0000	41.9714

3.37 Fencing Phase 1 Block Wall - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.3000e-004	9.2900e-003	8.2700e-003	2.0000e-005	2.8400e-003	1.3000e-004	2.9700e-003	3.8000e-004	1.2000e-004	5.0000e-004	0.0000	2.1152	2.1152	2.0000e-005	0.0000	2.1155
Vendor	3.3000e-004	4.2900e-003	3.0000e-003	1.0000e-005	2.3900e-003	1.0000e-004	2.4900e-003	3.3000e-004	9.0000e-005	4.2000e-004	0.0000	1.0746	1.0746	1.0000e-005	0.0000	1.0747
Worker	2.3700e-003	3.5200e-003	0.0366	8.0000e-005	6.5700e-003	6.0000e-005	6.6200e-003	1.7400e-003	5.0000e-005	1.8000e-003	0.0000	6.1491	6.1491	3.3000e-004	0.0000	6.1561
Total	3.3300e-003	0.0171	0.0478	1.1000e-004	0.0118	2.9000e-004	0.0121	2.4500e-003	2.6000e-004	2.7200e-003	0.0000	9.3389	9.3389	3.6000e-004	0.0000	9.3463

3.38 B-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0133	0.1583	0.0725	1.8000e-004		6.7800e-003	6.7800e-003		6.2400e-003	6.2400e-003	0.0000	17.0586	17.0586	5.1500e-003	0.0000	17.1667
Total	0.0133	0.1583	0.0725	1.8000e-004		6.7800e-003	6.7800e-003		6.2400e-003	6.2400e-003	0.0000	17.0586	17.0586	5.1500e-003	0.0000	17.1667

3.38 B-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.5000e-004	5.1500e-003	4.5800e-003	1.0000e-005	4.9400e-003	7.0000e-005	5.0100e-003	5.4000e-004	7.0000e-005	6.1000e-004	0.0000	1.1723	1.1723	1.0000e-005	0.0000	1.1725
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	2.4000e-004	2.4900e-003	1.0000e-005	4.5000e-004	0.0000	4.5000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.4194	0.4194	2.0000e-005	0.0000	0.4199
Total	5.1000e-004	5.3900e-003	7.0700e-003	2.0000e-005	5.3900e-003	7.0000e-005	5.4600e-003	6.6000e-004	7.0000e-005	7.3000e-004	0.0000	1.5917	1.5917	3.0000e-005	0.0000	1.5923

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8800e-003	0.1409	0.1007	1.8000e-004		3.6700e-003	3.6700e-003		3.6700e-003	3.6700e-003	0.0000	17.0586	17.0586	5.1500e-003	0.0000	17.1667
Total	4.8800e-003	0.1409	0.1007	1.8000e-004		3.6700e-003	3.6700e-003		3.6700e-003	3.6700e-003	0.0000	17.0586	17.0586	5.1500e-003	0.0000	17.1667

3.38 B-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.5000e-004	5.1500e-003	4.5800e-003	1.0000e-005	1.5700e-003	7.0000e-005	1.6500e-003	2.1000e-004	7.0000e-005	2.8000e-004	0.0000	1.1723	1.1723	1.0000e-005	0.0000	1.1725
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	2.4000e-004	2.4900e-003	1.0000e-005	4.5000e-004	0.0000	4.5000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.4194	0.4194	2.0000e-005	0.0000	0.4199
Total	5.1000e-004	5.3900e-003	7.0700e-003	2.0000e-005	2.0200e-003	7.0000e-005	2.1000e-003	3.3000e-004	7.0000e-005	4.0000e-004	0.0000	1.5917	1.5917	3.0000e-005	0.0000	1.5923

3.39 A-LST Steel Haul (18) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.0800e-003	0.0437	0.0221	5.0000e-005		2.1000e-003	2.1000e-003		1.9300e-003	1.9300e-003	0.0000	4.5949	4.5949	1.3900e-003	0.0000	4.6240
Total	4.0800e-003	0.0437	0.0221	5.0000e-005		2.1000e-003	2.1000e-003		1.9300e-003	1.9300e-003	0.0000	4.5949	4.5949	1.3900e-003	0.0000	4.6240

3.39 A-LST Steel Haul (18) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	6.2000e-004	4.3000e-004	0.0000	1.0800e-003	1.0000e-005	1.0900e-003	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	0.1557	0.1557	0.0000	0.0000	0.1558
Worker	5.0000e-005	7.0000e-005	7.8000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1311	0.1311	1.0000e-005	0.0000	0.1312
Total	1.0000e-004	6.9000e-004	1.2100e-003	0.0000	1.2200e-003	1.0000e-005	1.2300e-003	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	0.2868	0.2868	1.0000e-005	0.0000	0.2870

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3700e-003	0.0392	0.0276	5.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003	0.0000	4.5949	4.5949	1.3900e-003	0.0000	4.6240
Total	1.3700e-003	0.0392	0.0276	5.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003	0.0000	4.5949	4.5949	1.3900e-003	0.0000	4.6240

3.39 A-LST Steel Haul (18) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	6.2000e-004	4.3000e-004	0.0000	3.5000e-004	1.0000e-005	3.6000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.1557	0.1557	0.0000	0.0000	0.1558
Worker	5.0000e-005	7.0000e-005	7.8000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1311	0.1311	1.0000e-005	0.0000	0.1312
Total	1.0000e-004	6.9000e-004	1.2100e-003	0.0000	4.9000e-004	1.0000e-005	5.0000e-004	9.0000e-005	1.0000e-005	1.0000e-004	0.0000	0.2868	0.2868	1.0000e-005	0.0000	0.2870

3.40 A-LST Steel Assembly (19) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0902	0.8933	0.4150	7.0000e-004		0.0505	0.0505		0.0476	0.0476	0.0000	64.2304	64.2304	0.0161	0.0000	64.5694
Total	0.0902	0.8933	0.4150	7.0000e-004		0.0505	0.0505		0.0476	0.0476	0.0000	64.2304	64.2304	0.0161	0.0000	64.5694

3.40 A-LST Steel Assembly (19) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8600e-003	4.2500e-003	0.0441	1.0000e-004	7.9300e-003	7.0000e-005	7.9900e-003	2.1000e-003	6.0000e-005	2.1700e-003	0.0000	7.4230	7.4230	4.0000e-004	0.0000	7.4314
Total	2.8600e-003	4.2500e-003	0.0441	1.0000e-004	7.9300e-003	7.0000e-005	7.9900e-003	2.1000e-003	6.0000e-005	2.1700e-003	0.0000	7.4230	7.4230	4.0000e-004	0.0000	7.4314

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0218	0.4367	0.4078	7.0000e-004		0.0172	0.0172		0.0172	0.0172	0.0000	64.2303	64.2303	0.0161	0.0000	64.5693
Total	0.0218	0.4367	0.4078	7.0000e-004		0.0172	0.0172		0.0172	0.0172	0.0000	64.2303	64.2303	0.0161	0.0000	64.5693

3.40 A-LST Steel Assembly (19) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8600e-003	4.2500e-003	0.0441	1.0000e-004	7.9300e-003	7.0000e-005	7.9900e-003	2.1000e-003	6.0000e-005	2.1700e-003	0.0000	7.4230	7.4230	4.0000e-004	0.0000	7.4314
Total	2.8600e-003	4.2500e-003	0.0441	1.0000e-004	7.9300e-003	7.0000e-005	7.9900e-003	2.1000e-003	6.0000e-005	2.1700e-003	0.0000	7.4230	7.4230	4.0000e-004	0.0000	7.4314

3.41 B-TSP Haul (22) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7800e-003	0.0324	0.0138	3.0000e-005		1.3000e-003	1.3000e-003		1.2000e-003	1.2000e-003	0.0000	3.1447	3.1447	9.5000e-004	0.0000	3.1647
Total	2.7800e-003	0.0324	0.0138	3.0000e-005		1.3000e-003	1.3000e-003		1.2000e-003	1.2000e-003	0.0000	3.1447	3.1447	9.5000e-004	0.0000	3.1647

3.41 B-TSP Haul (22) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	2.5000e-004	1.7000e-004	0.0000	4.3000e-004	1.0000e-005	4.4000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.0623	0.0623	0.0000	0.0000	0.0623
Worker	2.0000e-005	3.0000e-005	3.1000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0524	0.0524	0.0000	0.0000	0.0525
Total	4.0000e-005	2.8000e-004	4.8000e-004	0.0000	4.9000e-004	1.0000e-005	5.0000e-004	6.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.1147	0.1147	0.0000	0.0000	0.1148

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.2000e-004	0.0237	0.0177	3.0000e-005		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	3.1447	3.1447	9.5000e-004	0.0000	3.1647
Total	8.2000e-004	0.0237	0.0177	3.0000e-005		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	3.1447	3.1447	9.5000e-004	0.0000	3.1647

3.41 B-TSP Haul (22) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	2.5000e-004	1.7000e-004	0.0000	1.4000e-004	1.0000e-005	1.4000e-004	2.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.0623	0.0623	0.0000	0.0000	0.0623
Worker	2.0000e-005	3.0000e-005	3.1000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0524	0.0524	0.0000	0.0000	0.0525
Total	4.0000e-005	2.8000e-004	4.8000e-004	0.0000	2.0000e-004	1.0000e-005	2.0000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.1147	0.1147	0.0000	0.0000	0.1148

3.42 Splice Underground Cable (32) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0589	0.6783	0.3159	8.2000e-004		0.0256	0.0256		0.0235	0.0235	0.0000	77.4988	77.4988	0.0234	0.0000	77.9897
Total	0.0589	0.6783	0.3159	8.2000e-004		0.0256	0.0256		0.0235	0.0235	0.0000	77.4988	77.4988	0.0234	0.0000	77.9897

3.42 Splice Underground Cable (32) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0100e-003	1.5000e-003	0.0156	3.0000e-005	2.8000e-003	2.0000e-005	2.8200e-003	7.4000e-004	2.0000e-005	7.7000e-004	0.0000	2.6211	2.6211	1.4000e-004	0.0000	2.6241
Total	1.0100e-003	1.5000e-003	0.0156	3.0000e-005	2.8000e-003	2.0000e-005	2.8200e-003	7.4000e-004	2.0000e-005	7.7000e-004	0.0000	2.6211	2.6211	1.4000e-004	0.0000	2.6241

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0201	0.6350	0.4356	8.2000e-004		0.0147	0.0147		0.0147	0.0147	0.0000	77.4987	77.4987	0.0234	0.0000	77.9896
Total	0.0201	0.6350	0.4356	8.2000e-004		0.0147	0.0147		0.0147	0.0147	0.0000	77.4987	77.4987	0.0234	0.0000	77.9896

3.42 Splice Underground Cable (32) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0100e-003	1.5000e-003	0.0156	3.0000e-005	2.8000e-003	2.0000e-005	2.8200e-003	7.4000e-004	2.0000e-005	7.7000e-004	0.0000	2.6211	2.6211	1.4000e-004	0.0000	2.6241
Total	1.0100e-003	1.5000e-003	0.0156	3.0000e-005	2.8000e-003	2.0000e-005	2.8200e-003	7.4000e-004	2.0000e-005	7.7000e-004	0.0000	2.6211	2.6211	1.4000e-004	0.0000	2.6241

3.43 B-TSP Assembly (23) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7600e-003	0.0499	0.0230	5.0000e-005		2.3700e-003	2.3700e-003		2.2300e-003	2.2300e-003	0.0000	4.4870	4.4870	1.2100e-003	0.0000	4.5124
Total	4.7600e-003	0.0499	0.0230	5.0000e-005		2.3700e-003	2.3700e-003		2.2300e-003	2.2300e-003	0.0000	4.4870	4.4870	1.2100e-003	0.0000	4.5124

3.43 B-TSP Assembly (23) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	1.4000e-004	1.5000e-003	0.0000	2.7000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2516	0.2516	1.0000e-005	0.0000	0.2519
Total	1.0000e-004	1.4000e-004	1.5000e-003	0.0000	2.7000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2516	0.2516	1.0000e-005	0.0000	0.2519

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3100e-003	0.0332	0.0265	5.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	4.4870	4.4870	1.2100e-003	0.0000	4.5124
Total	1.3100e-003	0.0332	0.0265	5.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	4.4870	4.4870	1.2100e-003	0.0000	4.5124

3.43 B-TSP Assembly (23) 220 kV & 66 kV - 2016**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	1.4000e-004	1.5000e-003	0.0000	2.7000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2516	0.2516	1.0000e-005	0.0000	0.2519
Total	1.0000e-004	1.4000e-004	1.5000e-003	0.0000	2.7000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2516	0.2516	1.0000e-005	0.0000	0.2519

3.44 B-TSP Erection (24) 220 kV & 66 kV - 2016**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1700e-003	0.0332	0.0153	3.0000e-005		1.5800e-003	1.5800e-003		1.4900e-003	1.4900e-003	0.0000	2.9913	2.9913	8.1000e-004	0.0000	3.0083
Total	3.1700e-003	0.0332	0.0153	3.0000e-005		1.5800e-003	1.5800e-003		1.4900e-003	1.4900e-003	0.0000	2.9913	2.9913	8.1000e-004	0.0000	3.0083

3.44 B-TSP Erection (24) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.0000e-004	1.0000e-003	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1678	0.1678	1.0000e-005	0.0000	0.1679
Total	6.0000e-005	1.0000e-004	1.0000e-003	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1678	0.1678	1.0000e-005	0.0000	0.1679

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.7000e-004	0.0221	0.0176	3.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	2.9913	2.9913	8.1000e-004	0.0000	3.0083
Total	8.7000e-004	0.0221	0.0176	3.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	2.9913	2.9913	8.1000e-004	0.0000	3.0083

3.44 B-TSP Erection (24) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.0000e-004	1.0000e-003	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1678	0.1678	1.0000e-005	0.0000	0.1679
Total	6.0000e-005	1.0000e-004	1.0000e-003	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1678	0.1678	1.0000e-005	0.0000	0.1679

3.45 B-Install/Transfer Conductor (25) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3127	3.5545	1.7541	3.1100e-003		0.1827	0.1827		0.1681	0.1681	0.0000	293.1374	293.1374	0.0884	0.0000	294.9943
Total	0.3127	3.5545	1.7541	3.1100e-003		0.1827	0.1827		0.1681	0.1681	0.0000	293.1374	293.1374	0.0884	0.0000	294.9943

3.45 B-Install/Transfer Conductor (25) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.7000e-004	9.8900e-003	6.9100e-003	3.0000e-005	0.0172	2.2000e-004	0.0174	1.9300e-003	2.0000e-004	2.1300e-003	0.0000	2.4763	2.4763	1.0000e-005	0.0000	2.4766
Worker	3.6400e-003	5.4000e-003	0.0562	1.2000e-004	0.0101	9.0000e-005	0.0102	2.6800e-003	8.0000e-005	2.7600e-003	0.0000	9.4465	9.4465	5.1000e-004	0.0000	9.4571
Total	4.4100e-003	0.0153	0.0631	1.5000e-004	0.0272	3.1000e-004	0.0275	4.6100e-003	2.8000e-004	4.8900e-003	0.0000	11.9228	11.9228	5.2000e-004	0.0000	11.9337

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0969	2.3957	1.8778	3.1100e-003		0.0743	0.0743		0.0743	0.0743	0.0000	293.1371	293.1371	0.0884	0.0000	294.9939
Total	0.0969	2.3957	1.8778	3.1100e-003		0.0743	0.0743		0.0743	0.0743	0.0000	293.1371	293.1371	0.0884	0.0000	294.9939

3.45 B-Install/Transfer Conductor (25) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.7000e-004	9.8900e-003	6.9100e-003	3.0000e-005	5.5200e-003	2.2000e-004	5.7400e-003	7.6000e-004	2.0000e-004	9.7000e-004	0.0000	2.4763	2.4763	1.0000e-005	0.0000	2.4766
Worker	3.6400e-003	5.4000e-003	0.0562	1.2000e-004	0.0101	9.0000e-005	0.0102	2.6800e-003	8.0000e-005	2.7600e-003	0.0000	9.4465	9.4465	5.1000e-004	0.0000	9.4571
Total	4.4100e-003	0.0153	0.0631	1.5000e-004	0.0156	3.1000e-004	0.0159	3.4400e-003	2.8000e-004	3.7300e-003	0.0000	11.9228	11.9228	5.2000e-004	0.0000	11.9337

3.46 A-LST Erection (20) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0791	0.8167	0.3825	8.0000e-004		0.0396	0.0396		0.0373	0.0373	0.0000	73.8342	73.8342	0.0196	0.0000	74.2467
Total	0.0791	0.8167	0.3825	8.0000e-004		0.0396	0.0396		0.0373	0.0373	0.0000	73.8342	73.8342	0.0196	0.0000	74.2467

3.46 A-LST Erection (20) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3600e-003	2.0200e-003	0.0210	5.0000e-005	3.7600e-003	3.0000e-005	3.7900e-003	1.0000e-003	3.0000e-005	1.0300e-003	0.0000	3.5228	3.5228	1.9000e-004	0.0000	3.5268
Total	1.3600e-003	2.0200e-003	0.0210	5.0000e-005	3.7600e-003	3.0000e-005	3.7900e-003	1.0000e-003	3.0000e-005	1.0300e-003	0.0000	3.5228	3.5228	1.9000e-004	0.0000	3.5268

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.5492	0.4380	8.0000e-004		0.0167	0.0167		0.0167	0.0167	0.0000	73.8341	73.8341	0.0196	0.0000	74.2466
Total	0.0219	0.5492	0.4380	8.0000e-004		0.0167	0.0167		0.0167	0.0167	0.0000	73.8341	73.8341	0.0196	0.0000	74.2466

3.46 A-LST Erection (20) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3600e-003	2.0200e-003	0.0210	5.0000e-005	3.7600e-003	3.0000e-005	3.7900e-003	1.0000e-003	3.0000e-005	1.0300e-003	0.0000	3.5228	3.5228	1.9000e-004	0.0000	3.5268
Total	1.3600e-003	2.0200e-003	0.0210	5.0000e-005	3.7600e-003	3.0000e-005	3.7900e-003	1.0000e-003	3.0000e-005	1.0300e-003	0.0000	3.5228	3.5228	1.9000e-004	0.0000	3.5268

3.47 B-Remove Existing Conductor & GW (11) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0253	0.3058	0.1440	2.8000e-004		0.0133	0.0133		0.0123	0.0123	0.0000	26.8258	26.8258	8.0900e-003	0.0000	26.9957
Total	0.0253	0.3058	0.1440	2.8000e-004		0.0133	0.0133		0.0123	0.0123	0.0000	26.8258	26.8258	8.0900e-003	0.0000	26.9957

3.47 B-Remove Existing Conductor & GW (11) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	3.3600e-003	2.3500e-003	1.0000e-005	5.8300e-003	7.0000e-005	5.9000e-003	6.5000e-004	7.0000e-005	7.2000e-004	0.0000	0.8410	0.8410	0.0000	0.0000	0.8411
Worker	5.8000e-004	8.6000e-004	8.9800e-003	2.0000e-005	1.6100e-003	1.0000e-005	1.6300e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.5098	1.5098	8.0000e-005	0.0000	1.5115
Total	8.4000e-004	4.2200e-003	0.0113	3.0000e-005	7.4400e-003	8.0000e-005	7.5300e-003	1.0800e-003	8.0000e-005	1.1600e-003	0.0000	2.3508	2.3508	8.0000e-005	0.0000	2.3526

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.5800e-003	0.2164	0.1717	2.8000e-004		6.3500e-003	6.3500e-003		6.3500e-003	6.3500e-003	0.0000	26.8257	26.8257	8.0900e-003	0.0000	26.9956
Total	8.5800e-003	0.2164	0.1717	2.8000e-004		6.3500e-003	6.3500e-003		6.3500e-003	6.3500e-003	0.0000	26.8257	26.8257	8.0900e-003	0.0000	26.9956

6.2 Area by SubCategory

Unmitigated

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

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Mesa 500 kV Substation Project

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Equipment List and Schedule provided by SCE

Land Use -

Construction Phase - Construction schedule provided by SCE

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Trips and VMT - Equipment list provided by SCE. All trip lengths assumed to be 15 miles.

On-road Fugitive Dust - Assume all worker trips will be paved, vendor and hauling will be 99 percent paved.

Grading - Taken from Chapter 3 - Project Description

Road Dust - % paved base on Mesa site characteristics

Consumer Products -

Energy Use -

Construction Off-road Equipment Mitigation - Tier based on Equipment List provided by SCE

Table Name	Column Name	Default Value	New Value
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2.0 Emissions Summary

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading Phase 1	Site Preparation	1/6/2016	12/31/2016	6	310	see general description
2	Survey	Site Preparation	1/6/2016	12/31/2016	6	310	see general description
3	Survey (1)	Grading	5/2/2016	12/31/2016	6	210	see general description
4	Construction and Materials Yard (2)	Building Construction	6/6/2016	12/31/2016	6	180	see general description
5	Roads & Landing Work (4)	Site Preparation	6/13/2016	7/18/2016	6	31	see general description
6	R/W Clearing (3)	Site Preparation	6/13/2016	7/6/2016	6	21	see general description
7	Civil Installation	Building Construction	6/16/2016	12/31/2016	6	171	see general description
8	Wood Pole Replacement & Transfer of Facilities	Building Construction	6/30/2016	12/31/2016	6	159	see general description
9	Fiber Optic Cable Installation	Building Construction	6/30/2016	12/31/2016	6	159	see general description
10	Fiber Optic/Copper Cable Removal	Building Construction	6/30/2016	12/31/2016	6	159	see general description
11	Wet Crossing Installation (5)	Site Preparation	7/9/2016	7/18/2016	6	8	see general description
12	A-Install TSP Foundations (21) 220 kV & 66 kV	Trenching	7/19/2016	8/20/2016	6	29	see general description
13	Vault Installation (29)	Trenching	7/19/2016	8/6/2016	6	17	see general description
14	A-Guard Structure Installation (6)	Building Construction	7/19/2016	8/12/2016	6	22	see general description
15	A-Shoo-fly Pole Haul (7)	Building Construction	7/19/2016	7/25/2016	6	6	see general description
16	A-Shoo-fly Pole Assembly (8)	Building Construction	7/23/2016	7/27/2016	6	4	see general description
17	A-Install Shoo-fly Pole (9)	Building Construction	7/25/2016	8/1/2016	6	7	see general description
18	Duct Bank Installation (30)	Trenching	8/2/2016	9/13/2016	6	37	see general description
19	A-Install Shoo-fly Conductor (10)	Building Construction	8/12/2016	8/26/2016	6	13	see general description
20	Splicing & Testing	Building Construction	8/16/2016	12/31/2016	6	119	see general description
21	A-TSP Haul (22) 220 kV & 66 kV	Building Construction	8/20/2016	9/1/2016	6	11	see general description
22	A-TSP Assembly (23) 220 kV & 66 kV	Building Construction	8/25/2016	8/31/2016	6	6	see general description

23	A-Remove Existing Conductor & GW (11)	Building Construction	8/26/2016	9/15/2016	6	18	see general description
24	A-TSP Erection (24) 220 kV & 66 kV	Building Construction	8/30/2016	9/3/2016	6	5	see general description
25	A-Install/Transfer Conductor (25)	Building Construction	9/6/2016	12/31/2016	6	101	see general description
26	A-LST Removal (12)	Trenching	9/15/2016	9/22/2016	6	7	see general description
27	Install Underground Cable (31)	Building Construction	9/19/2016	11/11/2016	6	47	see general description
28	A-LST Foundation Removal (13)	Trenching	9/22/2016	9/28/2016	6	6	see general description
29	A-TSP Removal (14) 220 kV & 66 kV	Trenching	9/22/2016	9/22/2016	6	1	see general description
30	Civil Phase 1	Trenching	9/26/2016	12/31/2016	6	84	see general description
31	MEER Phase 1	Building Construction	9/26/2016	12/31/2016	6	84	see general description
32	Control Building Phase 1	Building Construction	9/26/2016	12/31/2016	6	84	see general description
33	Test & Maintenance Building Phase 1	Building Construction	9/26/2016	12/31/2016	6	84	see general description
34	A-TSP Foundation Removal (15) 220 kV & 66 kV	Trenching	9/28/2016	9/30/2016	6	3	see general description
35	A-Install LST Foundations (17)	Trenching	10/1/2016	10/20/2016	6	17	see general description
36	Fencing Phase 1 Block Wall	Building Construction	10/13/2016	12/31/2016	6	69	see general description
37	B-Install TSP Foundations (21) 220 kV & 66 kV	Trenching	10/20/2016	10/25/2016	6	5	see general description
38	A-LST Steel Haul (18)	Building Construction	10/20/2016	10/25/2016	6	5	see general description
39	A-LST Steel Assembly (19)	Building Construction	10/25/2016	12/31/2016	6	59	see general description
40	B-TSP Haul (22) 220 kV & 66 kV	Building Construction	10/25/2016	10/26/2016	6	2	see general description
41	Splice Underground Cable (32)	Building Construction	10/26/2016	12/22/2016	6	50	see general description
42	B-TSP Assembly (23) 220 kV & 66 kV	Building Construction	10/26/2016	10/28/2016	6	3	see general description
43	B-TSP Erection (24) 220 kV & 66 kV	Building Construction	10/31/2016	11/1/2016	6	2	see general description
44	B-Install/Transfer Conductor (25)	Building Construction	11/1/2016	12/31/2016	6	53	see general description
45	A-LST Erection (20)	Building Construction	11/3/2016	11/30/2016	6	24	see general description
46	B-Remove Existing Conductor & GW (11)	Building Construction	12/22/2016	12/31/2016	6	9	see general description

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading Phase 1	Crawler Tractors	2	10.00	208	0.43
Grading Phase 1	Graders	2	10.00	174	0.41
Grading Phase 1	Off-Highway Trucks	4	10.00	400	0.38
Grading Phase 1	Scrapers	4	10.00	361	0.48
Grading Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Construction and Materials Yard (2)	Cranes	1	5.00	226	0.29
Construction and Materials Yard (2)	Forklifts	1	5.00	89	0.20
Construction and Materials Yard (2)	Off-Highway Trucks	1	10.00	400	0.38
Roads & Landing Work (4)	Crawler Tractors	2	7.00	208	0.43
Roads & Landing Work (4)	Excavators	2	7.00	162	0.38
Roads & Landing Work (4)	Graders	2	5.00	174	0.41
Roads & Landing Work (4)	Off-Highway Trucks	2	10.00	400	0.38
Roads & Landing Work (4)	Plate Compactors	2	5.00	8	0.43
Roads & Landing Work (4)	Tractors/Loaders/Backhoes	2	7.00	97	0.37
R/W Clearing (3)	Crawler Tractors	2	7.00	208	0.43
R/W Clearing (3)	Graders	2	7.00	174	0.41
R/W Clearing (3)	Off-Highway Trucks	2	9.00	400	0.38
R/W Clearing (3)	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Civil Installation	Air Compressors	1	10.00	78	0.48
Civil Installation	Graders	2	10.00	174	0.41
Civil Installation	Off-Highway Trucks	2	10.00	400	0.38
Civil Installation	Scrapers	2	10.00	361	0.48

Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Wood Pole Replacement & Transfer of Facilities	Aerial Lifts	2	10.00	62	0.31
Wood Pole Replacement & Transfer of Facilities	Bore/Drill Rigs	2	10.00	205	0.50
Wood Pole Replacement & Transfer of Facilities	Cranes	2	10.00	226	0.29
Fiber Optic Cable Installation	Aerial Lifts	2	10.00	62	0.31
Fiber Optic/Copper Cable Removal	Aerial Lifts	2	10.00	62	0.31
Wet Crossing Installation (5)	Cement and Mortar Mixers	1	10.00	9	0.56
Wet Crossing Installation (5)	Excavators	1	10.00	162	0.38
Wet Crossing Installation (5)	Other Construction Equipment	1	10.00	171	0.42
Wet Crossing Installation (5)	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Wet Crossing Installation (5)	Tractors/Loaders/Backhoes	1	10.00	97	0.37
A-Install TSP Foundations (21) 220 kV & 66 kV	Bore/Drill Rigs	2	10.00	205	0.50
A-Install TSP Foundations (21) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
A-Install TSP Foundations (21) 220 kV & 66 kV	Off-Highway Trucks	2	10.00	122	0.44
A-Install TSP Foundations (21) 220 kV & 66 kV	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Vault Installation (29)	Cranes	1	7.00	226	0.29
Vault Installation (29)	Excavators	2	7.00	162	0.38
Vault Installation (29)	Off-Highway Trucks	1	10.00	400	0.38
Vault Installation (29)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
A-Guard Structure Installation (6)	Aerial Lifts	2	5.00	62	0.31
A-Guard Structure Installation (6)	Air Compressors	2	7.00	78	0.48
A-Guard Structure Installation (6)	Bore/Drill Rigs	2	8.00	205	0.50
A-Guard Structure Installation (6)	Cranes	2	8.00	226	0.29
A-Guard Structure Installation (6)	Off-Highway Trucks	2	10.00	400	0.38
A-Shoo-fly Pole Haul (7)	Forklifts	2	8.00	89	0.20

A-Shoo-fly Pole Haul (7)	Off-Highway Trucks	1	10.00	400	0.38
A-Shoo-fly Pole Assembly (8)	Air Compressors	1	10.00	78	0.48
A-Shoo-fly Pole Assembly (8)	Cranes	1	10.00	226	0.29
A-Shoo-fly Pole Assembly (8)	Off-Highway Trucks	1	10.00	400	0.38
A-Install Shoo-fly Pole (9)	Aerial Lifts	2	10.00	62	0.31
A-Install Shoo-fly Pole (9)	Bore/Drill Rigs	2	8.00	205	0.50
A-Install Shoo-fly Pole (9)	Cranes	2	7.00	226	0.29
A-Install Shoo-fly Pole (9)	Off-Highway Trucks	2	10.00	400	0.38
A-Install Shoo-fly Pole (9)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Duct Bank Installation (30)	Air Compressors	2	5.00	78	0.48
Duct Bank Installation (30)	Concrete/Industrial Saws	2	8.00	81	0.73
Duct Bank Installation (30)	Off-Highway Trucks	1	10.00	400	0.38
Duct Bank Installation (30)	Tractors/Loaders/Backhoes	2	7.00	97	0.37
A-Install Shoo-fly Conductor (10)	Aerial Lifts	2	10.00	62	0.31
A-Install Shoo-fly Conductor (10)	Cranes	2	10.00	226	0.29
A-Install Shoo-fly Conductor (10)	Cranes	2	10.00	226	0.29
A-Install Shoo-fly Conductor (10)	Crawler Tractors	2	10.00	208	0.43
A-Install Shoo-fly Conductor (10)	Off-Highway Trucks	1	10.00	400	0.38
A-Install Shoo-fly Conductor (10)	Off-Highway Trucks	4	10.00	400	0.38
A-Install Shoo-fly Conductor (10)	Other Construction Equipment	2	10.00	171	0.42
A-Install Shoo-fly Conductor (10)	Other General Industrial Equipment	1	10.00	87	0.34
A-Install Shoo-fly Conductor (10)	Other General Industrial Equipment	1	10.00	87	0.34
A-Install Shoo-fly Conductor (10)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Splicing & Testing	Other General Industrial Equipment	2	10.00	87	0.34
A-TSP Haul (22) 220 kV & 66 kV	Cranes	2	8.00	226	0.29
A-TSP Haul (22) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
A-TSP Assembly (23) 220 kV & 66 kV	Air Compressors	2	6.00	78	0.48
A-TSP Assembly (23) 220 kV & 66 kV	Cranes	2	7.00	226	0.29

A-TSP Assembly (23) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
A-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
A-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
A-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
A-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38
A-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42
A-TSP Erection (24) 220 kV & 66 kV	Air Compressors	2	6.00	78	0.48
A-TSP Erection (24) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
A-TSP Erection (24) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
A-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
A-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
A-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
A-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
A-Install/Transfer Conductor (25)	Off-Highway Trucks	1	10.00	400	0.38
A-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
A-Install/Transfer Conductor (25)	Other General Industrial Equipment	2	10.00	87	0.34
A-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	167	0.40
A-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
A-LST Removal (12)	Air Compressors	2	10.00	78	0.48
A-LST Removal (12)	Cranes	2	5.00	226	0.29
A-LST Removal (12)	Cranes	2	7.00	226	0.29
A-LST Removal (12)	Off-Highway Trucks	1	10.00	400	0.38
Install Underground Cable (31)	Aerial Lifts	4	5.00	62	0.31
Install Underground Cable (31)	Cranes	1	7.00	226	0.29
Install Underground Cable (31)	Off-Highway Trucks	1	10.00	400	0.38
Install Underground Cable (31)	Off-Highway Trucks	1	5.00	400	0.38
Install Underground Cable (31)	Other Construction Equipment	2	5.00	171	0.42

A-LST Foundation Removal (13)	Air Compressors	2	10.00	78	0.48
A-LST Foundation Removal (13)	Excavators	1	10.00	162	0.38
A-LST Foundation Removal (13)	Off-Highway Trucks	1	10.00	400	0.38
A-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
A-TSP Removal (14) 220 kV & 66 kV	Air Compressors	2	10.00	78	0.48
A-TSP Removal (14) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
A-TSP Removal (14) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
Civil Phase 1	Bore/Drill Rigs	3	10.00	205	0.50
Civil Phase 1	Cranes	2	5.00	226	0.29
Civil Phase 1	Excavators	3	10.00	162	0.38
Civil Phase 1	Forklifts	4	6.00	89	0.20
Civil Phase 1	Off-Highway Trucks	3	10.00	400	0.38
Civil Phase 1	Pumps	1	5.00	84	0.74
Civil Phase 1	Skid Steer Loaders	4	10.00	64	0.37
Civil Phase 1	Tractors/Loaders/Backhoes	6	10.00	97	0.37
Civil Phase 1	Tractors/Loaders/Backhoes	3	10.00	64	0.37
MEER Phase 1	Aerial Lifts	2	10.00	62	0.31
MEER Phase 1	Cranes	1	5.00	226	0.29
MEER Phase 1	Forklifts	3	5.00	89	0.20
MEER Phase 1	Generator Sets	1	12.00	84	0.74
MEER Phase 1	Off-Highway Trucks	2	3.00	400	0.38
MEER Phase 1	Pumps	1	5.00	84	0.74
MEER Phase 1	Skid Steer Loaders	2	10.00	64	0.37
MEER Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
MEER Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Control Building Phase 1	Aerial Lifts	2	10.00	62	0.31
Control Building Phase 1	Cranes	1	5.00	226	0.29
Control Building Phase 1	Forklifts	3	5.00	89	0.20

Control Building Phase 1	Off-Highway Trucks	2	3.00	400	0.38
Control Building Phase 1	Pumps	1	5.00	84	0.74
Control Building Phase 1	Skid Steer Loaders	2	10.00	64	0.37
Control Building Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Control Building Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Test & Maintenance Building Phase 1	Aerial Lifts	2	10.00	62	0.31
Test & Maintenance Building Phase 1	Cranes	1	5.00	226	0.29
Test & Maintenance Building Phase 1	Forklifts	3	5.00	89	0.20
Test & Maintenance Building Phase 1	Off-Highway Trucks	2	3.00	400	0.38
Test & Maintenance Building Phase 1	Pumps	1	5.00	84	0.74
Test & Maintenance Building Phase 1	Skid Steer Loaders	2	10.00	64	0.37
Test & Maintenance Building Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Test & Maintenance Building Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
A-TSP Foundation Removal (15) 220 kV & 66 kV	Air Compressors	2	10.00	78	0.48
A-TSP Foundation Removal (15) 220 kV & 66 kV	Excavators	1	10.00	162	0.38
A-TSP Foundation Removal (15) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
A-TSP Foundation Removal (15) 220 kV & 66 kV	Tractors/Loaders/Backhoes	2	10.00	97	0.37
A-Install LST Foundations (17)	Bore/Drill Rigs	2	10.00	205	0.50
A-Install LST Foundations (17)	Cement and Mortar Mixers	4	7.00	9	0.56
A-Install LST Foundations (17)	Cranes	2	7.00	226	0.29
A-Install LST Foundations (17)	Off-Highway Trucks	2	10.00	400	0.38
A-Install LST Foundations (17)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Fencing Phase 1 Block Wall	Forklifts	1	10.00	89	0.20
Fencing Phase 1 Block Wall	Pumps	1	6.00	84	0.74
Fencing Phase 1 Block Wall	Skid Steer Loaders	1	10.00	64	0.37
Fencing Phase 1 Block Wall	Tractors/Loaders/Backhoes	1	10.00	97	0.37
B-Install TSP Foundations (21) 220 kV & 66 kV	Bore/Drill Rigs	2	10.00	205	0.50

B-Install TSP Foundations (21) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
B-Install TSP Foundations (21) 220 kV & 66 kV	Off-Highway Trucks	2	10.00	400	0.38
B-Install TSP Foundations (21) 220 kV & 66 kV	Tractors/Loaders/Backhoes	2	10.00	97	0.37
A-LST Steel Haul (18)	Forklifts	2	8.00	89	0.20
A-LST Steel Haul (18)	Off-Highway Trucks	1	10.00	400	0.38
A-LST Steel Assembly (19)	Air Compressors	2	7.00	78	0.48
A-LST Steel Assembly (19)	Cranes	2	10.00	226	0.29
A-LST Steel Assembly (19)	Forklifts	2	7.00	89	0.20
B-TSP Haul (22) 220 kV & 66 kV	Cranes	1	10.00	226	0.29
B-TSP Haul (22) 220 kV & 66 kV	Off-Highway Trucks	2	8.00	400	0.38
Splice Underground Cable (32)	Off-Highway Trucks	2	10.00	400	0.38
B-TSP Assembly (23) 220 kV & 66 kV	Air Compressors	2	6.00	78	0.48
B-TSP Assembly (23) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
B-TSP Assembly (23) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
B-TSP Erection (24) 220 kV & 66 kV	Air Compressors	2	6.00	78	0.48
B-TSP Erection (24) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
B-TSP Erection (24) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
B-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
B-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
B-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
B-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
B-Install/Transfer Conductor (25)	Off-Highway Trucks	1	10.00	171	0.42
B-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	400	0.38
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	2	10.00	87	0.34
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	87	0.34
B-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
A-LST Erection (20)	Air Compressors	4	7.00	78	0.48

A-LST Erection (20)	Cranes	4	7.00	226	0.29
A-LST Erection (20)	Off-Highway Trucks	2	10.00	400	0.38
B-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
B-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
B-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
B-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38
B-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42

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
Grading Phase 1	14	18.00	0.00	9,445.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fiber Optic/Copper Cable Removal	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Wet Crossing Installation (5)	5	8.00	1.00	18.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install TSP Foundations (21) 220	8	16.00	0.00	322.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Vault Installation (29)	6	18.00	4.00	306.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Guard Structure Installation (6)	10	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Shoo-fly Pole Haul (7)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Shoo-fly Pole Assembly (8)	3	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install Shoo-fly Pole (9)	10	14.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Duct Bank Installation (30)	7	18.00	3.00	17,353.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install Shoo-fly Conductor (10)	19	19.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splicing & Testing	2	7.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-TSP Haul (22) 220 kV & 66 kV	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-TSP Assembly (23) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

A-TSP Erection (24) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Removal (12)	7	14.00	2.00	14.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Install Underground Cable (31)	9	2.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Foundation Removal (13)	6	10.00	0.00	11.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-TSP Removal (14) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Phase 1	29	64.00	0.00	2,800.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
MEER Phase 1	15	56.00	0.00	59.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Control Building Phase 1	14	56.00	0.00	29.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Test & Maintenance Building Phase 1	14	56.00	0.00	35.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-TSP Foundation Removal (15) 220 kV	6	10.00	0.00	92.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install LST Foundations (17)	12	16.00	0.00	784.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fencing Phase 1 Block Wall	4	17.00	1.00	83.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install TSP Foundations (21) 220	8	16.00	0.00	46.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Steel Haul (18)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Steel Assembly (19)	6	24.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Construction and Materials Yard (2)	3	5.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Haul (22) 220 kV & 66 kV	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splice Underground Cable (32)	2	10.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Assembly (23) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Erection (24) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Erection (20)	10	28.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Roads & Landing Work (4)	12	14.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
R/W Clearing (3)	8	7.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation	11	13.00	0.00	335.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Wood Pole Replacement & Transf	6	12.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

Fiber Optic Cable Installation	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Survey (1)	0	6.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Survey	0	3.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Grading Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1049	0.0000	0.1049	0.0129	0.0000	0.0129			0.0000			0.0000
Off-Road	16.7900	200.1743	105.8375	0.1829		8.5971	8.5971		7.9093	7.9093		19,005.1306	19,005.1306	5.7326		19,125.5157
Total	16.7900	200.1743	105.8375	0.1829	0.1049	8.5971	8.7020	0.0129	7.9093	7.9222		19,005.1306	19,005.1306	5.7326		19,125.5157

3.2 Grading Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4417	6.4796	5.3230	0.0170	7.1215	0.0982	7.2197	0.7795	0.0903	0.8698		1,714.0369	1,714.0369	0.0126		1,714.3010
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0755	0.0955	1.1892	2.6000e-003	0.2053	1.7100e-003	0.2070	0.0545	1.5700e-003	0.0560		218.4075	218.4075	0.0112		218.6424
Total	0.5172	6.5750	6.5123	0.0196	7.3268	0.0999	7.4267	0.8339	0.0919	0.9258		1,932.4444	1,932.4444	0.0238		1,932.9434

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0472	0.0000	0.0472	5.8100e-003	0.0000	5.8100e-003			0.0000			0.0000
Off-Road	4.8770	145.7151	102.3276	0.1829		3.5778	3.5778		3.5778	3.5778	0.0000	19,005.1306	19,005.1306	5.7326		19,125.5157
Total	4.8770	145.7151	102.3276	0.1829	0.0472	3.5778	3.6250	5.8100e-003	3.5778	3.5836	0.0000	19,005.1306	19,005.1306	5.7326		19,125.5157

3.2 Grading Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4417	6.4796	5.3230	0.0170	2.2485	0.0982	2.3467	0.2930	0.0903	0.3833		1,714.0369	1,714.0369	0.0126		1,714.3010
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0755	0.0955	1.1892	2.6000e-003	0.2053	1.7100e-003	0.2070	0.0545	1.5700e-003	0.0560		218.4075	218.4075	0.0112		218.6424
Total	0.5172	6.5750	6.5123	0.0196	2.4538	0.0999	2.5537	0.3474	0.0919	0.4393		1,932.4444	1,932.4444	0.0238		1,932.9434

3.3 Survey - 2016

Unmitigated Construction On-Site

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

3.3 Survey - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0126	0.0159	0.1982	4.3000e-004	0.0342	2.9000e-004	0.0345	9.0700e-003	2.6000e-004	9.3400e-003		36.4012	36.4012	1.8600e-003		36.4404
Total	0.0126	0.0159	0.1982	4.3000e-004	0.0342	2.9000e-004	0.0345	9.0700e-003	2.6000e-004	9.3400e-003		36.4012	36.4012	1.8600e-003		36.4404

Mitigated Construction On-Site

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

3.3 Survey - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0126	0.0159	0.1982	4.3000e-004	0.0342	2.9000e-004	0.0345	9.0700e-003	2.6000e-004	9.3400e-003		36.4012	36.4012	1.8600e-003			36.4404
Total	0.0126	0.0159	0.1982	4.3000e-004	0.0342	2.9000e-004	0.0345	9.0700e-003	2.6000e-004	9.3400e-003		36.4012	36.4012	1.8600e-003			36.4404

3.4 Survey (1) - 2016

Unmitigated Construction On-Site

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

3.4 Survey (1) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0252	0.0318	0.3964	8.7000e-004	0.0684	5.7000e-004	0.0690	0.0182	5.2000e-004	0.0187		72.8025	72.8025	3.7300e-003			72.8808
Total	0.0252	0.0318	0.3964	8.7000e-004	0.0684	5.7000e-004	0.0690	0.0182	5.2000e-004	0.0187		72.8025	72.8025	3.7300e-003			72.8808

Mitigated Construction On-Site

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

3.4 Survey (1) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0252	0.0318	0.3964	8.7000e-004	0.0684	5.7000e-004	0.0690	0.0182	5.2000e-004	0.0187		72.8025	72.8025	3.7300e-003		72.8808
Total	0.0252	0.0318	0.3964	8.7000e-004	0.0684	5.7000e-004	0.0690	0.0182	5.2000e-004	0.0187		72.8025	72.8025	3.7300e-003		72.8808

3.5 Construction and Materials Yard (2) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7693	20.1179	8.9724	0.0209		0.8558	0.8558		0.7873	0.7873		2,174.1536	2,174.1536	0.6558		2,187.9254
Total	1.7693	20.1179	8.9724	0.0209		0.8558	0.8558		0.7873	0.7873		2,174.1536	2,174.1536	0.6558		2,187.9254

3.5 Construction and Materials Yard (2) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.2800e-003	0.1184	0.0782	3.4000e-004	0.2347	2.7700e-003	0.2375	0.0261	2.5500e-003	0.0287		34.4146	34.4146	1.9000e-004		34.4186
Worker	0.0210	0.0265	0.3303	7.2000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		60.6687	60.6687	3.1100e-003		60.7340
Total	0.0303	0.1449	0.4086	1.0600e-003	0.2917	3.2500e-003	0.2950	0.0413	2.9900e-003	0.0443		95.0833	95.0833	3.3000e-003		95.1526

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5340	15.3085	11.3170	0.0209		0.3961	0.3961		0.3961	0.3961	0.0000	2,174.1536	2,174.1536	0.6558		2,187.9254
Total	0.5340	15.3085	11.3170	0.0209		0.3961	0.3961		0.3961	0.3961	0.0000	2,174.1536	2,174.1536	0.6558		2,187.9254

3.5 Construction and Materials Yard (2) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.2800e-003	0.1184	0.0782	3.4000e-004	0.0748	2.7700e-003	0.0775	0.0102	2.5500e-003	0.0127		34.4146	34.4146	1.9000e-004		34.4186
Worker	0.0210	0.0265	0.3303	7.2000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		60.6687	60.6687	3.1100e-003		60.7340
Total	0.0303	0.1449	0.4086	1.0600e-003	0.1318	3.2500e-003	0.1350	0.0253	2.9900e-003	0.0283		95.0833	95.0833	3.3000e-003		95.1526

3.6 Roads & Landing Work (4) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	6.1925	70.5633	34.2564	0.0695		3.2285	3.2285		2.9712	2.9712		7,201.3351	7,201.3351	2.1637		7,246.7718
Total	6.1925	70.5633	34.2564	0.0695	1.5908	3.2285	4.8192	0.1718	2.9712	3.1429		7,201.3351	7,201.3351	2.1637		7,246.7718

3.6 Roads & Landing Work (4) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.4694	5.5400e-003	0.4750	0.0523	5.0900e-003	0.0574		68.8292	68.8292	3.8000e-004			68.8371
Worker	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003			170.0552
Total	0.0773	0.3110	1.0814	2.7100e-003	0.6291	6.8700e-003	0.6360	0.0946	6.3100e-003	0.1010		238.7017	238.7017	9.0800e-003			238.8923

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000	
Off-Road	2.0501	56.6004	41.5508	0.0695		1.4899	1.4899		1.4899	1.4899	0.0000	7,201.3351	7,201.3351	2.1637			7,246.7718
Total	2.0501	56.6004	41.5508	0.0695	0.7158	1.4899	2.2058	0.0773	1.4899	1.5672	0.0000	7,201.3351	7,201.3351	2.1637			7,246.7718

3.6 Roads & Landing Work (4) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.1496	5.5400e-003	0.1551	0.0204	5.0900e-003	0.0254		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003		170.0552
Total	0.0773	0.3110	1.0814	2.7100e-003	0.3092	6.8700e-003	0.3161	0.0627	6.3100e-003	0.0690		238.7017	238.7017	9.0800e-003		238.8923

3.7 R/W Clearing (3) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8559	0.0000	1.8559	0.2004	0.0000	0.2004			0.0000			0.0000
Off-Road	5.7369	64.9722	29.1938	0.0595		3.0239	3.0239		2.7820	2.7820		6,178.8715	6,178.8715	1.8638		6,218.0106
Total	5.7369	64.9722	29.1938	0.0595	1.8559	3.0239	4.8798	0.2004	2.7820	2.9824		6,178.8715	6,178.8715	1.8638		6,218.0106

3.7 R/W Clearing (3) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.4694	5.5400e-003	0.4750	0.0523	5.0900e-003	0.0574		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0294	0.0371	0.4625	1.0100e-003	0.0798	6.7000e-004	0.0805	0.0212	6.1000e-004	0.0218		84.9362	84.9362	4.3500e-003		85.0276
Total	0.0479	0.2738	0.6190	1.7000e-003	0.5493	6.2100e-003	0.5555	0.0735	5.7000e-003	0.0792		153.7654	153.7654	4.7300e-003		153.8647

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8351	0.0000	0.8351	0.0902	0.0000	0.0902			0.0000			0.0000
Off-Road	1.7282	48.7606	35.1058	0.0595		1.2683	1.2683		1.2683	1.2683	0.0000	6,178.8715	6,178.8715	1.8638		6,218.0106
Total	1.7282	48.7606	35.1058	0.0595	0.8351	1.2683	2.1034	0.0902	1.2683	1.3584	0.0000	6,178.8715	6,178.8715	1.8638		6,218.0106

3.7 R/W Clearing (3) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.1496	5.5400e-003	0.1551	0.0204	5.0900e-003	0.0254		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0294	0.0371	0.4625	1.0100e-003	0.0798	6.7000e-004	0.0805	0.0212	6.1000e-004	0.0218		84.9362	84.9362	4.3500e-003		85.0276
Total	0.0479	0.2738	0.6190	1.7000e-003	0.2294	6.2100e-003	0.2356	0.0415	5.7000e-003	0.0472		153.7654	153.7654	4.7300e-003		153.8647

3.8 Civil Installation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	10.6748	117.2978	67.7103	0.1062		5.8352	5.8352		5.3946	5.3946		10,996.78 39	10,996.78 39	3.2308		11,064.63 13
Total	10.6748	117.2978	67.7103	0.1062		5.8352	5.8352		5.3946	5.3946		10,996.78 39	10,996.78 39	3.2308		11,064.63 13

3.8 Civil Installation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0284	0.4166	0.3423	1.0900e-003	0.4579	6.3200e-003	0.4642	0.0501	5.8100e-003	0.0559		110.2119	110.2119	8.1000e-004		110.2289
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0545	0.0689	0.8589	1.8800e-003	0.1483	1.2400e-003	0.1495	0.0393	1.1400e-003	0.0405		157.7387	157.7387	8.0800e-003		157.9084
Total	0.0829	0.4856	1.2012	2.9700e-003	0.6062	7.5600e-003	0.6137	0.0894	6.9500e-003	0.0964		267.9507	267.9507	8.8900e-003		268.1373

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2365	86.4289	63.6931	0.1062		2.4309	2.4309		2.4309	2.4309	0.0000	10,996.7838	10,996.7838	3.2308		11,064.6313
Total	3.2365	86.4289	63.6931	0.1062		2.4309	2.4309		2.4309	2.4309	0.0000	10,996.7838	10,996.7838	3.2308		11,064.6313

3.8 Civil Installation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0284	0.4166	0.3423	1.0900e-003	0.1446	6.3200e-003	0.1509	0.0188	5.8100e-003	0.0247		110.2119	110.2119	8.1000e-004		110.2289
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0545	0.0689	0.8589	1.8800e-003	0.1483	1.2400e-003	0.1495	0.0393	1.1400e-003	0.0405		157.7387	157.7387	8.0800e-003		157.9084
Total	0.0829	0.4856	1.2012	2.9700e-003	0.2929	7.5600e-003	0.3004	0.0582	6.9500e-003	0.0651		267.9507	267.9507	8.8900e-003		268.1373

3.9 Wood Pole Replacement & Transfer of Facilities - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.8105	36.7518	15.2953	0.0401		1.4477	1.4477		1.3319	1.3319		4,163.9346	4,163.9346	1.2560		4,190.3104
Total	2.8105	36.7518	15.2953	0.0401		1.4477	1.4477		1.3319	1.3319		4,163.9346	4,163.9346	1.2560		4,190.3104

3.9 Wood Pole Replacement & Transfer of Facilities - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0503	0.0636	0.7928	1.7300e-003	0.1369	1.1400e-003	0.1380	0.0363	1.0500e-003	0.0374		145.6050	145.6050	7.4600e-003		145.7616
Total	0.0503	0.0636	0.7928	1.7300e-003	0.1369	1.1400e-003	0.1380	0.0363	1.0500e-003	0.0374		145.6050	145.6050	7.4600e-003		145.7616

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0840	29.4856	22.3998	0.0401		0.8147	0.8147		0.8147	0.8147	0.0000	4,163.9346	4,163.9346	1.2560		4,190.3104
Total	1.0840	29.4856	22.3998	0.0401		0.8147	0.8147		0.8147	0.8147	0.0000	4,163.9346	4,163.9346	1.2560		4,190.3104

3.9 Wood Pole Replacement & Transfer of Facilities - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0503	0.0636	0.7928	1.7300e-003	0.1369	1.1400e-003	0.1380	0.0363	1.0500e-003	0.0374		145.6050	145.6050	7.4600e-003			145.7616
Total	0.0503	0.0636	0.7928	1.7300e-003	0.1369	1.1400e-003	0.1380	0.0363	1.0500e-003	0.0374		145.6050	145.6050	7.4600e-003			145.7616

3.10 Fiber Optic Cable Installation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.1403	2.3069	2.7127	4.1300e-003		0.0948	0.0948		0.0873	0.0873		428.9923	428.9923	0.1294			431.7097
Total	0.1403	2.3069	2.7127	4.1300e-003		0.0948	0.0948		0.0873	0.0873		428.9923	428.9923	0.1294			431.7097

3.10 Fiber Optic Cable Installation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003		170.0552
Total	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003		170.0552

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	428.9923	428.9923	0.1294		431.7097
Total	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	428.9923	428.9923	0.1294		431.7097

3.10 Fiber Optic Cable Installation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003			170.0552
Total	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003			170.0552

3.11 Fiber Optic/Copper Cable Removal - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.1403	2.3069	2.7127	4.1300e-003		0.0948	0.0948		0.0873	0.0873		428.9923	428.9923	0.1294			431.7097
Total	0.1403	2.3069	2.7127	4.1300e-003		0.0948	0.0948		0.0873	0.0873		428.9923	428.9923	0.1294			431.7097

3.11 Fiber Optic/Copper Cable Removal - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003		170.0552
Total	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003		170.0552

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	428.9923	428.9923	0.1294		431.7097
Total	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	428.9923	428.9923	0.1294		431.7097

3.11 Fiber Optic/Copper Cable Removal - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003		170.0552
Total	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003		170.0552

3.12 Wet Crossing Installation (5) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.2406	23.3490	16.0174	0.0230		1.4020	1.4020		1.2914	1.2914		2,357.6929	2,357.6929	0.6987		2,372.3650
Total	2.2406	23.3490	16.0174	0.0230	0.0000	1.4020	1.4020	0.0000	1.2914	1.2914		2,357.6929	2,357.6929	0.6987		2,372.3650

3.12 Wet Crossing Installation (5) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0326	0.4785	0.3931	1.2600e-003	0.5259	7.2500e-003	0.5332	0.0576	6.6700e-003	0.0642		126.5792	126.5792	9.3000e-004		126.5987
Vendor	9.2800e-003	0.1184	0.0782	3.4000e-004	0.2347	2.7700e-003	0.2375	0.0261	2.5500e-003	0.0287		34.4146	34.4146	1.9000e-004		34.4186
Worker	0.0336	0.0424	0.5285	1.1600e-003	0.0912	7.6000e-004	0.0920	0.0242	7.0000e-004	0.0249		97.0700	97.0700	4.9700e-003		97.1744
Total	0.0755	0.6393	0.9999	2.7600e-003	0.8519	0.0108	0.8627	0.1079	9.9200e-003	0.1178		258.0638	258.0638	6.0900e-003		258.1917

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.9227	19.7788	16.7351	0.0230		0.6802	0.6802		0.6802	0.6802	0.0000	2,357.6929	2,357.6929	0.6987		2,372.3650
Total	0.9227	19.7788	16.7351	0.0230	0.0000	0.6802	0.6802	0.0000	0.6802	0.6802	0.0000	2,357.6929	2,357.6929	0.6987		2,372.3650

3.12 Wet Crossing Installation (5) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0326	0.4785	0.3931	1.2600e-003	0.1661	7.2500e-003	0.1733	0.0216	6.6700e-003	0.0283		126.5792	126.5792	9.3000e-004		126.5987
Vendor	9.2800e-003	0.1184	0.0782	3.4000e-004	0.0748	2.7700e-003	0.0775	0.0102	2.5500e-003	0.0127		34.4146	34.4146	1.9000e-004		34.4186
Worker	0.0336	0.0424	0.5285	1.1600e-003	0.0912	7.6000e-004	0.0920	0.0242	7.0000e-004	0.0249		97.0700	97.0700	4.9700e-003		97.1744
Total	0.0755	0.6393	0.9999	2.7600e-003	0.3321	0.0108	0.3429	0.0560	9.9200e-003	0.0659		258.0638	258.0638	6.0900e-003		258.1917

3.13 A-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1011	47.1829	24.5622	0.0510		2.2989	2.2989		2.1150	2.1150		5,296.3068	5,296.3068	1.5976		5,329.8554
Total	4.1011	47.1829	24.5622	0.0510		2.2989	2.2989		2.1150	2.1150		5,296.3068	5,296.3068	1.5976		5,329.8554

3.13 A-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1610	2.3614	1.9399	6.2000e-003	2.5953	0.0358	2.6311	0.2841	0.0329	0.3170		624.6515	624.6515	4.5800e-003		624.7477
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.2281	2.4462	2.9970	8.5100e-003	2.7778	0.0373	2.8151	0.3325	0.0343	0.3668		818.7915	818.7915	0.0145		819.0965

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5988	40.8356	31.6228	0.0510		1.1825	1.1825		1.1825	1.1825	0.0000	5,296.3068	5,296.3068	1.5976		5,329.8554
Total	1.5988	40.8356	31.6228	0.0510		1.1825	1.1825		1.1825	1.1825	0.0000	5,296.3068	5,296.3068	1.5976		5,329.8554

3.13 A-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1610	2.3614	1.9399	6.2000e-003	0.8194	0.0358	0.8552	0.1068	0.0329	0.1397		624.6515	624.6515	4.5800e-003		624.7477
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.2281	2.4462	2.9970	8.5100e-003	1.0019	0.0373	1.0392	0.1552	0.0343	0.1895		818.7915	818.7915	0.0145		819.0965

3.14 Vault Installation (29) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1679	35.2941	19.7542	0.0369		1.7333	1.7333		1.5946	1.5946		3,831.2223	3,831.2223	1.1556		3,855.4906
Total	3.1679	35.2941	19.7542	0.0369		1.7333	1.7333		1.5946	1.5946		3,831.2223	3,831.2223	1.1556		3,855.4906

3.14 Vault Installation (29) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2609	3.8281	3.1448	0.0101	4.2073	0.0580	4.2653	0.4605	0.0534	0.5139		1,012.6338	1,012.6338	7.4300e-003		1,012.7898
Vendor	0.0371	0.4734	0.3130	1.3700e-003	0.9389	0.0111	0.9499	0.1046	0.0102	0.1148		137.6584	137.6584	7.6000e-004		137.6743
Worker	0.0755	0.0955	1.1892	2.6000e-003	0.2053	1.7100e-003	0.2070	0.0545	1.5700e-003	0.0560		218.4075	218.4075	0.0112		218.6424
Total	0.3736	4.3969	4.6470	0.0140	5.3515	0.0708	5.4223	0.6195	0.0651	0.6846		1,368.6996	1,368.6996	0.0194		1,369.1065

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1757	28.9835	23.0567	0.0369		0.8702	0.8702		0.8702	0.8702	0.0000	3,831.2223	3,831.2223	1.1556		3,855.4906
Total	1.1757	28.9835	23.0567	0.0369		0.8702	0.8702		0.8702	0.8702	0.0000	3,831.2223	3,831.2223	1.1556		3,855.4906

3.14 Vault Installation (29) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2609	3.8281	3.1448	0.0101	1.3284	0.0580	1.3864	0.1731	0.0534	0.2265		1,012.6338	1,012.6338	7.4300e-003		1,012.7898
Vendor	0.0371	0.4734	0.3130	1.3700e-003	0.2991	0.0111	0.3102	0.0407	0.0102	0.0509		137.6584	137.6584	7.6000e-004		137.6743
Worker	0.0755	0.0955	1.1892	2.6000e-003	0.2053	1.7100e-003	0.2070	0.0545	1.5700e-003	0.0560		218.4075	218.4075	0.0112		218.6424
Total	0.3736	4.3969	4.6470	0.0140	1.8328	0.0708	1.9036	0.2682	0.0651	0.3334		1,368.6996	1,368.6996	0.0194		1,369.1065

3.15 A-Guard Structure Installation (6) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.4209	61.3743	28.4532	0.0707		2.6120	2.6120		2.4397	2.4397		7,276.2734	7,276.2734	2.0741		7,319.8299
Total	5.4209	61.3743	28.4532	0.0707		2.6120	2.6120		2.4397	2.4397		7,276.2734	7,276.2734	2.0741		7,319.8299

3.15 A-Guard Structure Installation (6) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.4694	5.5400e-003	0.4750	0.0523	5.0900e-003	0.0574		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0336	0.0424	0.5285	1.1600e-003	0.0912	7.6000e-004	0.0920	0.0242	7.0000e-004	0.0249		97.0700	97.0700	4.9700e-003		97.1744
Total	0.0521	0.2791	0.6850	1.8500e-003	0.5607	6.3000e-003	0.5670	0.0765	5.7900e-003	0.0823		165.8992	165.8992	5.3500e-003		166.0115

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8788	53.2706	38.6801	0.0707		1.4146	1.4146		1.4146	1.4146	0.0000	7,276.2734	7,276.2734	2.0741		7,319.8299
Total	1.8788	53.2706	38.6801	0.0707		1.4146	1.4146		1.4146	1.4146	0.0000	7,276.2734	7,276.2734	2.0741		7,319.8299

3.15 A-Guard Structure Installation (6) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.1496	5.5400e-003	0.1551	0.0204	5.0900e-003	0.0254		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0336	0.0424	0.5285	1.1600e-003	0.0912	7.6000e-004	0.0920	0.0242	7.0000e-004	0.0249		97.0700	97.0700	4.9700e-003		97.1744
Total	0.0521	0.2791	0.6850	1.8500e-003	0.2408	6.3000e-003	0.2471	0.0446	5.7900e-003	0.0503		165.8992	165.8992	5.3500e-003		166.0115

3.16 A-Shoo-fly Pole Haul (7) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6313	17.4715	8.8435	0.0195		0.8384	0.8384		0.7714	0.7714		2,025.9996	2,025.9996	0.6111		2,038.8329
Total	1.6313	17.4715	8.8435	0.0195		0.8384	0.8384		0.7714	0.7714		2,025.9996	2,025.9996	0.6111		2,038.8329

3.16 A-Shoo-fly Pole Haul (7) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.4694	5.5400e-003	0.4750	0.0523	5.0900e-003	0.0574		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0210	0.0265	0.3303	7.2000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		60.6687	60.6687	3.1100e-003		60.7340
Total	0.0395	0.2632	0.4868	1.4100e-003	0.5265	6.0200e-003	0.5325	0.0674	5.5300e-003	0.0729		129.4979	129.4979	3.4900e-003		129.5711

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	2,025.9996	2,025.9996	0.6111		2,038.8329
Total	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	2,025.9996	2,025.9996	0.6111		2,038.8329

3.16 A-Shoo-fly Pole Haul (7) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.1496	5.5400e-003	0.1551	0.0204	5.0900e-003	0.0254		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0210	0.0265	0.3303	7.2000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		60.6687	60.6687	3.1100e-003		60.7340
Total	0.0395	0.2632	0.4868	1.4100e-003	0.2066	6.0200e-003	0.2126	0.0355	5.5300e-003	0.0410		129.4979	129.4979	3.4900e-003		129.5711

3.17 A-Shoo-fly Pole Assembly (8) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6916	28.1830	13.1884	0.0285		1.3234	1.3234		1.2437	1.2437		2,910.4292	2,910.4292	0.7917		2,927.0549
Total	2.6916	28.1830	13.1884	0.0285		1.3234	1.3234		1.2437	1.2437		2,910.4292	2,910.4292	0.7917		2,927.0549

3.17 A-Shoo-fly Pole Assembly (8) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7654	19.9733	15.5235	0.0285		0.5805	0.5805		0.5805	0.5805	0.0000	2,910.4292	2,910.4292	0.7917		2,927.0549
Total	0.7654	19.9733	15.5235	0.0285		0.5805	0.5805		0.5805	0.5805	0.0000	2,910.4292	2,910.4292	0.7917		2,927.0549

3.17 A-Shoo-fly Pole Assembly (8) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488

3.18 A-Install Shoo-fly Pole (9) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.3027	62.9974	30.6991	0.0722		2.7304	2.7304		2.5120	2.5120		7,496.6920	7,496.6920	2.2613		7,544.1786
Total	5.3027	62.9974	30.6991	0.0722		2.7304	2.7304		2.5120	2.5120		7,496.6920	7,496.6920	2.2613		7,544.1786

3.18 A-Install Shoo-fly Pole (9) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.4694	5.5400e-003	0.4750	0.0523	5.0900e-003	0.0574		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003		170.0552
Total	0.0773	0.3110	1.0814	2.7100e-003	0.6291	6.8700e-003	0.6360	0.0946	6.3100e-003	0.1010		238.7017	238.7017	9.0800e-003		238.8923

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0398	56.6407	41.0761	0.0722		1.5525	1.5525		1.5525	1.5525	0.0000	7,496.6920	7,496.6920	2.2613		7,544.1786
Total	2.0398	56.6407	41.0761	0.0722		1.5525	1.5525		1.5525	1.5525	0.0000	7,496.6920	7,496.6920	2.2613		7,544.1786

3.18 A-Install Shoo-fly Pole (9) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.1496	5.5400e-003	0.1551	0.0204	5.0900e-003	0.0254		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003		170.0552
Total	0.0773	0.3110	1.0814	2.7100e-003	0.3092	6.8700e-003	0.3161	0.0627	6.3100e-003	0.0690		238.7017	238.7017	9.0800e-003		238.8923

3.19 Duct Bank Installation (30) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6807	32.4590	21.2298	0.0394		1.9726	1.9726		1.8966	1.8966		3,929.4023	3,929.4023	0.8562		3,947.3833
Total	3.6807	32.4590	21.2298	0.0394		1.9726	1.9726		1.8966	1.8966		3,929.4023	3,929.4023	0.8562		3,947.3833

3.19 Duct Bank Installation (30) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.7989	99.7419	81.9394	0.2620	109.6238	1.5118	111.1356	11.9986	1.3906	13.3891		26,384.73 53	26,384.73 53	0.1936		26,388.80 02
Vendor	0.0278	0.3551	0.2347	1.0300e-003	0.7041	8.3100e-003	0.7125	0.0784	7.6400e-003	0.0861		103.2438	103.2438	5.7000e-004		103.2557
Worker	0.0755	0.0955	1.1892	2.6000e-003	0.2053	1.7100e-003	0.2070	0.0545	1.5700e-003	0.0560		218.4075	218.4075	0.0112		218.6424
Total	6.9023	100.1924	83.3633	0.2656	110.5332	1.5219	112.0551	12.1314	1.3998	13.5312		26,706.38 66	26,706.38 66	0.2053		26,710.69 83

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3265	31.7901	23.5826	0.0394		1.0665	1.0665		1.0665	1.0665	0.0000	3,929.402 3	3,929.402 3	0.8562		3,947.383 3
Total	1.3265	31.7901	23.5826	0.0394		1.0665	1.0665		1.0665	1.0665	0.0000	3,929.402 3	3,929.402 3	0.8562		3,947.383 3

3.19 Duct Bank Installation (30) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.7989	99.7419	81.9394	0.2620	34.6114	1.5118	36.1233	4.5099	1.3906	5.9004		26,384.73 53	26,384.73 53	0.1936		26,388.80 02
Vendor	0.0278	0.3551	0.2347	1.0300e-003	0.2243	8.3100e-003	0.2326	0.0305	7.6400e-003	0.0382		103.2438	103.2438	5.7000e-004		103.2557
Worker	0.0755	0.0955	1.1892	2.6000e-003	0.2053	1.7100e-003	0.2070	0.0545	1.5700e-003	0.0560		218.4075	218.4075	0.0112		218.6424
Total	6.9023	100.1924	83.3633	0.2656	35.0410	1.5219	36.5629	4.5948	1.3998	5.9946		26,706.38 66	26,706.38 66	0.2053		26,710.69 83

3.20 A-Install Shoo-fly Conductor (10) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	14.6722	169.5844	77.0657	0.1617		7.6543	7.6543		7.0419	7.0419		16,804.30 36	16,804.30 36	5.0688		16,910.74 78
Total	14.6722	169.5844	77.0657	0.1617		7.6543	7.6543		7.0419	7.0419		16,804.30 36	16,804.30 36	5.0688		16,910.74 78

3.20 A-Install Shoo-fly Conductor (10) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.4694	5.5400e-003	0.4750	0.0523	5.0900e-003	0.0574		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0797	0.1008	1.2553	2.7400e-003	0.2167	1.8100e-003	0.2185	0.0575	1.6600e-003	0.0591		230.5412	230.5412	0.0118		230.7892
Total	0.0983	0.3375	1.4118	3.4300e-003	0.6861	7.3500e-003	0.6935	0.1098	6.7500e-003	0.1165		299.3704	299.3704	0.0122		299.6264

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.5652	122.7160	93.2062	0.1617		3.3916	3.3916		3.3916	3.3916	0.0000	16,804.3036	16,804.3036	5.0688		16,910.7478
Total	4.5652	122.7160	93.2062	0.1617		3.3916	3.3916		3.3916	3.3916	0.0000	16,804.3036	16,804.3036	5.0688		16,910.7478

3.20 A-Install Shoo-fly Conductor (10) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.1496	5.5400e-003	0.1551	0.0204	5.0900e-003	0.0254		68.8292	68.8292	3.8000e-004			68.8371
Worker	0.0797	0.1008	1.2553	2.7400e-003	0.2167	1.8100e-003	0.2185	0.0575	1.6600e-003	0.0591		230.5412	230.5412	0.0118			230.7892
Total	0.0983	0.3375	1.4118	3.4300e-003	0.3663	7.3500e-003	0.3736	0.0778	6.7500e-003	0.0846		299.3704	299.3704	0.0122			299.6264

3.21 Splicing & Testing - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.9331	8.0135	5.2763	6.3200e-003		0.6753	0.6753		0.6213	0.6213		657.2716	657.2716	0.1983			661.4350
Total	0.9331	8.0135	5.2763	6.3200e-003		0.6753	0.6753		0.6213	0.6213		657.2716	657.2716	0.1983			661.4350

3.21 Splicing & Testing - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0294	0.0371	0.4625	1.0100e-003	0.0798	6.7000e-004	0.0805	0.0212	6.1000e-004	0.0218		84.9362	84.9362	4.3500e-003		85.0276
Total	0.0294	0.0371	0.4625	1.0100e-003	0.0798	6.7000e-004	0.0805	0.0212	6.1000e-004	0.0218		84.9362	84.9362	4.3500e-003		85.0276

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	657.2716	657.2716	0.1983		661.4350
Total	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	657.2716	657.2716	0.1983		661.4350

3.21 Splicing & Testing - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0294	0.0371	0.4625	1.0100e-003	0.0798	6.7000e-004	0.0805	0.0212	6.1000e-004	0.0218		84.9362	84.9362	4.3500e-003		85.0276
Total	0.0294	0.0371	0.4625	1.0100e-003	0.0798	6.7000e-004	0.0805	0.0212	6.1000e-004	0.0218		84.9362	84.9362	4.3500e-003		85.0276

3.22 A-TSP Haul (22) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6175	30.6280	12.2871	0.0277		1.2860	1.2860		1.1831	1.1831		2,881.0251	2,881.0251	0.8690		2,899.2746
Total	2.6175	30.6280	12.2871	0.0277		1.2860	1.2860		1.1831	1.1831		2,881.0251	2,881.0251	0.8690		2,899.2746

3.22 A-TSP Haul (22) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.4694	5.5400e-003	0.4750	0.0523	5.0900e-003	0.0574		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0210	0.0265	0.3303	7.2000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		60.6687	60.6687	3.1100e-003		60.7340
Total	0.0395	0.2632	0.4868	1.4100e-003	0.5265	6.0200e-003	0.5325	0.0674	5.5300e-003	0.0729		129.4979	129.4979	3.4900e-003		129.5711

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6796	18.0639	14.7235	0.0277		0.4983	0.4983		0.4983	0.4983	0.0000	2,881.0251	2,881.0251	0.8690		2,899.2746
Total	0.6796	18.0639	14.7235	0.0277		0.4983	0.4983		0.4983	0.4983	0.0000	2,881.0251	2,881.0251	0.8690		2,899.2746

3.22 A-TSP Haul (22) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.1496	5.5400e-003	0.1551	0.0204	5.0900e-003	0.0254		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0210	0.0265	0.3303	7.2000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		60.6687	60.6687	3.1100e-003		60.7340
Total	0.0395	0.2632	0.4868	1.4100e-003	0.2066	6.0200e-003	0.2126	0.0355	5.5300e-003	0.0410		129.4979	129.4979	3.4900e-003		129.5711

3.23 A-TSP Assembly (23) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772
Total	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772

3.23 A-TSP Assembly (23) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912		3,316.0772
Total	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912		3,316.0772

3.23 A-TSP Assembly (23) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488

3.24 A-Remove Existing Conductor & GW (11) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.6239	67.9621	31.9960	0.0632		2.9580	2.9580		2.7214	2.7214		6,571.1831	6,571.1831	1.9821		6,612.8072
Total	5.6239	67.9621	31.9960	0.0632		2.9580	2.9580		2.7214	2.7214		6,571.1831	6,571.1831	1.9821		6,612.8072

3.24 A-Remove Existing Conductor & GW (11) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0557	0.7101	0.4694	2.0600e-003	1.4083	0.0166	1.4249	0.1568	0.0153	0.1721		206.4876	206.4876	1.1300e-003			206.5114
Worker	0.1342	0.1697	2.1142	4.6200e-003	0.3650	3.0500e-003	0.3680	0.0968	2.8000e-003	0.0996		388.2799	388.2799	0.0199			388.6976
Total	0.1899	0.8798	2.5836	6.6800e-003	1.7733	0.0197	1.7929	0.2536	0.0181	0.2717		594.7675	594.7675	0.0210			595.2090

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.9070	48.0826	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,571.1831	6,571.1831	1.9821			6,612.8072
Total	1.9070	48.0826	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,571.1831	6,571.1831	1.9821			6,612.8072

3.24 A-Remove Existing Conductor & GW (11) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0557	0.7101	0.4694	2.0600e-003	0.4486	0.0166	0.4653	0.0610	0.0153	0.0763		206.4876	206.4876	1.1300e-003		206.5114
Worker	0.1342	0.1697	2.1142	4.6200e-003	0.3650	3.0500e-003	0.3680	0.0968	2.8000e-003	0.0996		388.2799	388.2799	0.0199		388.6976
Total	0.1899	0.8798	2.5836	6.6800e-003	0.8136	0.0197	0.8333	0.1578	0.0181	0.1759		594.7675	594.7675	0.0210		595.2090

3.25 A-TSP Erection (24) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772
Total	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772

3.25 A-TSP Erection (24) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003			194.3488
Total	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003			194.3488

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912			3,316.0772
Total	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912			3,316.0772

3.25 A-TSP Erection (24) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488

3.26 A-Install/Transfer Conductor (25) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	12.7317	145.1006	72.0403	0.1246		7.2317	7.2317		6.6531	6.6531		12,950.3786	12,950.3786	3.9063		13,032.4108
Total	12.7317	145.1006	72.0403	0.1246		7.2317	7.2317		6.6531	6.6531		12,950.3786	12,950.3786	3.9063		13,032.4108

3.26 A-Install/Transfer Conductor (25) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0278	0.3551	0.2347	1.0300e-003	0.7041	8.3100e-003	0.7125	0.0784	7.6400e-003	0.0861		103.2438	103.2438	5.7000e-004			103.2557
Worker	0.1426	0.1803	2.2463	4.9100e-003	0.3878	3.2400e-003	0.3910	0.1028	2.9700e-003	0.1058		412.5474	412.5474	0.0211			412.9912
Total	0.1704	0.5354	2.4810	5.9400e-003	1.0919	0.0116	1.1035	0.1813	0.0106	0.1919		515.7912	515.7912	0.0217			516.2469

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	4.0759	96.4789	80.1513	0.1246		2.9661	2.9661		2.9661	2.9661	0.0000	12,950.3786	12,950.3786	3.9063			13,032.4108
Total	4.0759	96.4789	80.1513	0.1246		2.9661	2.9661		2.9661	2.9661	0.0000	12,950.3786	12,950.3786	3.9063			13,032.4108

3.26 A-Install/Transfer Conductor (25) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0278	0.3551	0.2347	1.0300e-003	0.2243	8.3100e-003	0.2326	0.0305	7.6400e-003	0.0382		103.2438	103.2438	5.7000e-004		103.2557
Worker	0.1426	0.1803	2.2463	4.9100e-003	0.3878	3.2400e-003	0.3910	0.1028	2.9700e-003	0.1058		412.5474	412.5474	0.0211		412.9912
Total	0.1704	0.5354	2.4810	5.9400e-003	0.6121	0.0116	0.6237	0.1334	0.0106	0.1440		515.7912	515.7912	0.0217		516.2469

3.27 A-LST Removal (12) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.5657	47.0670	21.5517	0.0433		2.3285	2.3285		2.1947	2.1947		4,405.4201	4,405.4201	1.1565		4,429.7056
Total	4.5657	47.0670	21.5517	0.0433		2.3285	2.3285		2.1947	2.1947		4,405.4201	4,405.4201	1.1565		4,429.7056

3.27 A-LST Removal (12) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0290	0.4253	0.3494	1.1200e-003	0.4675	6.4500e-003	0.4739	0.0512	5.9300e-003	0.0571		112.5149	112.5149	8.3000e-004		112.5322
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.4694	5.5400e-003	0.4750	0.0523	5.0900e-003	0.0574		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003		170.0552
Total	0.1063	0.7363	1.4309	3.8300e-003	1.0966	0.0133	1.1099	0.1458	0.0122	0.1581		351.2165	351.2165	9.9100e-003		351.4245

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1980	28.5871	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,405.4201	4,405.4201	1.1565		4,429.7056
Total	1.1980	28.5871	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,405.4201	4,405.4201	1.1565		4,429.7056

3.27 A-LST Removal (12) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0290	0.4253	0.3494	1.1200e-003	0.1476	6.4500e-003	0.1540	0.0192	5.9300e-003	0.0252		112.5149	112.5149	8.3000e-004		112.5322
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.1496	5.5400e-003	0.1551	0.0204	5.0900e-003	0.0254		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0587	0.0742	0.9250	2.0200e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		169.8725	169.8725	8.7000e-003		170.0552
Total	0.1063	0.7363	1.4309	3.8300e-003	0.4568	0.0133	0.4701	0.0819	0.0122	0.0942		351.2165	351.2165	9.9100e-003		351.4245

3.28 Install Underground Cable (31) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3668	39.3308	20.1156	0.0414		1.6856	1.6856		1.5508	1.5508		4,302.7377	4,302.7377	1.2979		4,329.9928
Total	3.3668	39.3308	20.1156	0.0414		1.6856	1.6856		1.5508	1.5508		4,302.7377	4,302.7377	1.2979		4,329.9928

3.28 Install Underground Cable (31) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	8.3900e-003	0.0106	0.1321	2.9000e-004	0.0228	1.9000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		24.2675	24.2675	1.2400e-003			24.2936
Total	8.3900e-003	0.0106	0.1321	2.9000e-004	0.0228	1.9000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		24.2675	24.2675	1.2400e-003			24.2936

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.2203	32.0252	24.6928	0.0414		0.8967	0.8967		0.8967	0.8967	0.0000	4,302.7377	4,302.7377	1.2979			4,329.9928
Total	1.2203	32.0252	24.6928	0.0414		0.8967	0.8967		0.8967	0.8967	0.0000	4,302.7377	4,302.7377	1.2979			4,329.9928

3.28 Install Underground Cable (31) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	8.3900e-003	0.0106	0.1321	2.9000e-004	0.0228	1.9000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		24.2675	24.2675	1.2400e-003		24.2936
Total	8.3900e-003	0.0106	0.1321	2.9000e-004	0.0228	1.9000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		24.2675	24.2675	1.2400e-003		24.2936

3.29 A-LST Foundation Removal (13) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.7423	35.1485	22.9143	0.0408		2.0662	2.0662		1.9533	1.9533		4,143.3066	4,143.3066	1.0774		4,165.9319
Total	3.7423	35.1485	22.9143	0.0408		2.0662	2.0662		1.9533	1.9533		4,143.3066	4,143.3066	1.0774		4,165.9319

3.29 A-LST Foundation Removal (13) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0266	0.3899	0.3203	1.0200e-003	0.4285	5.9100e-003	0.4344	0.0469	5.4400e-003	0.0523		103.1386	103.1386	7.6000e-004		103.1545
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0419	0.0530	0.6607	1.4400e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		121.3375	121.3375	6.2200e-003		121.4680
Total	0.0685	0.4429	0.9810	2.4600e-003	0.5426	6.8600e-003	0.5494	0.0772	6.3100e-003	0.0835		224.4761	224.4761	6.9800e-003		224.6225

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0408		1.0894	1.0894		1.0894	1.0894	0.0000	4,143.3066	4,143.3066	1.0774		4,165.9318
Total	1.4036	33.7179	25.6974	0.0408		1.0894	1.0894		1.0894	1.0894	0.0000	4,143.3066	4,143.3066	1.0774		4,165.9318

3.29 A-LST Foundation Removal (13) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0266	0.3899	0.3203	1.0200e-003	0.1353	5.9100e-003	0.1412	0.0176	5.4400e-003	0.0231		103.1386	103.1386	7.6000e-004		103.1545
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0419	0.0530	0.6607	1.4400e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		121.3375	121.3375	6.2200e-003		121.4680
Total	0.0685	0.4429	0.9810	2.4600e-003	0.2494	6.8600e-003	0.2562	0.0479	6.3100e-003	0.0542		224.4761	224.4761	6.9800e-003		224.6225

3.30 A-TSP Removal (14) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6657	36.4025	17.8207	0.0362		1.8446	1.8446		1.7495	1.7495		3,672.6266	3,672.6266	0.9354		3,692.2704
Total	3.6657	36.4025	17.8207	0.0362		1.8446	1.8446		1.7495	1.7495		3,672.6266	3,672.6266	0.9354		3,692.2704

3.30 A-TSP Removal (14) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0246	25.2349	20.0802	0.0362		0.7899	0.7899		0.7899	0.7899	0.0000	3,672.6266	3,672.6266	0.9354		3,692.2704
Total	1.0246	25.2349	20.0802	0.0362		0.7899	0.7899		0.7899	0.7899	0.0000	3,672.6266	3,672.6266	0.9354		3,692.2704

3.30 A-TSP Removal (14) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488

3.31 Civil Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	12.2594	136.4242	80.4367	0.1590		7.0389	7.0389		6.4936	6.4936		16,475.9385	16,475.9385	4.8900		16,578.6276
Total	12.2594	136.4242	80.4367	0.1590		7.0389	7.0389		6.4936	6.4936		16,475.9385	16,475.9385	4.8900		16,578.6276

3.31 Civil Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4832	7.0890	5.8237	0.0186	7.7913	0.1075	7.8988	0.8528	0.0988	0.9516		1,875.2477	1,875.2477	0.0138		1,875.5366
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2684	0.3394	4.2284	9.2500e-003	0.7300	6.0900e-003	0.7361	0.1936	5.6000e-003	0.1992		776.5599	776.5599	0.0398		777.3953
Total	0.7516	7.4284	10.0520	0.0279	8.5213	0.1135	8.6348	1.0464	0.1044	1.1508		2,651.8076	2,651.8076	0.0535		2,652.9319

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.2735	134.2022	99.6919	0.1590		4.0551	4.0551		4.0551	4.0551	0.0000	16,475.9385	16,475.9385	4.8900		16,578.6276
Total	5.2735	134.2022	99.6919	0.1590		4.0551	4.0551		4.0551	4.0551	0.0000	16,475.9385	16,475.9385	4.8900		16,578.6276

3.31 Civil Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4832	7.0890	5.8237	0.0186	2.4599	0.1075	2.5674	0.3205	0.0988	0.4194		1,875.2477	1,875.2477	0.0138		1,875.5366
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2684	0.3394	4.2284	9.2500e-003	0.7300	6.0900e-003	0.7361	0.1936	5.6000e-003	0.1992		776.5599	776.5599	0.0398		777.3953
Total	0.7516	7.4284	10.0520	0.0279	3.1899	0.1135	3.3035	0.5141	0.1044	0.6186		2,651.8076	2,651.8076	0.0535		2,652.9319

3.32 MEER Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.6613	45.6577	31.3773	0.0511		2.8269	2.8269		2.6592	2.6592		5,184.4938	5,184.4938	1.2877		5,211.5350
Total	4.6613	45.6577	31.3773	0.0511		2.8269	2.8269		2.6592	2.6592		5,184.4938	5,184.4938	1.2877		5,211.5350

3.32 MEER Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0102	0.1494	0.1227	3.9000e-004	0.1642	2.2600e-003	0.1664	0.0180	2.0800e-003	0.0201		39.5142	39.5142	2.9000e-004		39.5202
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2349	0.2970	3.6998	8.0900e-003	0.6387	5.3300e-003	0.6440	0.1694	4.9000e-003	0.1743		679.4899	679.4899	0.0348		680.2209
Total	0.2451	0.4463	3.8225	8.4800e-003	0.8029	7.5900e-003	0.8105	0.1874	6.9800e-003	0.1943		719.0040	719.0040	0.0351		719.7411

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9802	43.4184	33.6853	0.0511		1.6198	1.6198		1.6198	1.6198	0.0000	5,184.4938	5,184.4938	1.2877		5,211.5350
Total	1.9802	43.4184	33.6853	0.0511		1.6198	1.6198		1.6198	1.6198	0.0000	5,184.4938	5,184.4938	1.2877		5,211.5350

3.32 MEER Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0102	0.1494	0.1227	3.9000e-004	0.0518	2.2600e-003	0.0541	6.7500e-003	2.0800e-003	8.8400e-003		39.5142	39.5142	2.9000e-004		39.5202
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2349	0.2970	3.6998	8.0900e-003	0.6387	5.3300e-003	0.6440	0.1694	4.9000e-003	0.1743		679.4899	679.4899	0.0348		680.2209
Total	0.2451	0.4463	3.8225	8.4800e-003	0.6905	7.5900e-003	0.6981	0.1761	6.9800e-003	0.1831		719.0040	719.0040	0.0351		719.7411

3.33 Control Building Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.7026	38.4056	25.6726	0.0413		2.3187	2.3187		2.1510	2.1510		4,249.9420	4,249.9420	1.2022		4,275.1874
Total	3.7026	38.4056	25.6726	0.0413		2.3187	2.3187		2.1510	2.1510		4,249.9420	4,249.9420	1.2022		4,275.1874

3.33 Control Building Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.0000e-003	0.0734	0.0603	1.9000e-004	0.0807	1.1100e-003	0.0818	8.8300e-003	1.0200e-003	9.8600e-003		19.4222	19.4222	1.4000e-004		19.4252
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2349	0.2970	3.6998	8.0900e-003	0.6387	5.3300e-003	0.6440	0.1694	4.9000e-003	0.1743		679.4899	679.4899	0.0348		680.2209
Total	0.2399	0.3704	3.7601	8.2800e-003	0.7194	6.4400e-003	0.7259	0.1782	5.9200e-003	0.1842		698.9121	698.9121	0.0350		699.6461

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6020	35.6071	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,249.9420	4,249.9420	1.2022		4,275.1874
Total	1.6020	35.6071	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,249.9420	4,249.9420	1.2022		4,275.1874

3.33 Control Building Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.0000e-003	0.0734	0.0603	1.9000e-004	0.0255	1.1100e-003	0.0266	3.3200e-003	1.0200e-003	4.3400e-003		19.4222	19.4222	1.4000e-004		19.4252
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2349	0.2970	3.6998	8.0900e-003	0.6387	5.3300e-003	0.6440	0.1694	4.9000e-003	0.1743		679.4899	679.4899	0.0348		680.2209
Total	0.2399	0.3704	3.7601	8.2800e-003	0.6642	6.4400e-003	0.6706	0.1727	5.9200e-003	0.1786		698.9121	698.9121	0.0350		699.6461

3.34 Test & Maintenance Building Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.7026	38.4056	25.6726	0.0413		2.3187	2.3187		2.1510	2.1510		4,249.9420	4,249.9420	1.2022		4,275.1874
Total	3.7026	38.4056	25.6726	0.0413		2.3187	2.3187		2.1510	2.1510		4,249.9420	4,249.9420	1.2022		4,275.1874

3.34 Test & Maintenance Building Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.0400e-003	0.0886	0.0728	2.3000e-004	0.0974	1.3400e-003	0.0987	0.0107	1.2400e-003	0.0119		23.4406	23.4406	1.7000e-004		23.4442
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2349	0.2970	3.6998	8.0900e-003	0.6387	5.3300e-003	0.6440	0.1694	4.9000e-003	0.1743		679.4899	679.4899	0.0348		680.2209
Total	0.2409	0.3856	3.7726	8.3200e-003	0.7361	6.6700e-003	0.7428	0.1801	6.1400e-003	0.1862		702.9305	702.9305	0.0350		703.6651

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6020	35.6071	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,249.9420	4,249.9420	1.2022		4,275.1874
Total	1.6020	35.6071	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,249.9420	4,249.9420	1.2022		4,275.1874

3.34 Test & Maintenance Building Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.0400e-003	0.0886	0.0728	2.3000e-004	0.0308	1.3400e-003	0.0321	4.0100e-003	1.2400e-003	5.2400e-003		23.4406	23.4406	1.7000e-004		23.4442
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2349	0.2970	3.6998	8.0900e-003	0.6387	5.3300e-003	0.6440	0.1694	4.9000e-003	0.1743		679.4899	679.4899	0.0348		680.2209
Total	0.2409	0.3856	3.7726	8.3200e-003	0.6695	6.6700e-003	0.6761	0.1734	6.1400e-003	0.1795		702.9305	702.9305	0.0350		703.6651

3.35 A-TSP Foundation Removal (15) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.7423	35.1485	22.9143	0.0408		2.0662	2.0662		1.9533	1.9533		4,143.3066	4,143.3066	1.0774		4,165.9319
Total	3.7423	35.1485	22.9143	0.0408		2.0662	2.0662		1.9533	1.9533		4,143.3066	4,143.3066	1.0774		4,165.9319

3.35 A-TSP Foundation Removal (15) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4446	6.5219	5.3578	0.0171	7.1680	0.0989	7.2669	0.7846	0.0909	0.8755		1,725.2279	1,725.2279	0.0127		1,725.4937
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0419	0.0530	0.6607	1.4400e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		121.3375	121.3375	6.2200e-003		121.4680
Total	0.4865	6.5749	6.0185	0.0186	7.2821	0.0998	7.3819	0.8148	0.0918	0.9066		1,846.5654	1,846.5654	0.0189		1,846.9617

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0408		1.0894	1.0894		1.0894	1.0894	0.0000	4,143.3066	4,143.3066	1.0774		4,165.9318
Total	1.4036	33.7179	25.6974	0.0408		1.0894	1.0894		1.0894	1.0894	0.0000	4,143.3066	4,143.3066	1.0774		4,165.9318

3.35 A-TSP Foundation Removal (15) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4446	6.5219	5.3578	0.0171	2.2632	0.0989	2.3620	0.2949	0.0909	0.3858		1,725.2279	1,725.2279	0.0127		1,725.4937
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0419	0.0530	0.6607	1.4400e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		121.3375	121.3375	6.2200e-003		121.4680
Total	0.4865	6.5749	6.0185	0.0186	2.3772	0.0998	2.4770	0.3251	0.0918	0.4169		1,846.5654	1,846.5654	0.0189		1,846.9617

3.36 A-Install LST Foundations (17) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.5425	64.6057	30.0897	0.0749		2.7645	2.7645		2.5475	2.5475		7,698.3782	7,698.3782	2.2871		7,746.4079
Total	5.5425	64.6057	30.0897	0.0749		2.7645	2.7645		2.5475	2.5475		7,698.3782	7,698.3782	2.2871		7,746.4079

3.36 A-Install LST Foundations (17) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6686	9.8078	8.0573	0.0258	10.7795	0.1487	10.9282	1.1798	0.1367	1.3166		2,594.4604	2,594.4604	0.0190		2,594.8601
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.7357	9.8927	9.1143	0.0281	10.9620	0.1502	11.1122	1.2282	0.1381	1.3664		2,788.6003	2,788.6003	0.0290		2,789.2089

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9533	56.3664	40.2906	0.0749		1.4693	1.4693		1.4693	1.4693	0.0000	7,698.3782	7,698.3782	2.2871		7,746.4079
Total	1.9533	56.3664	40.2906	0.0749		1.4693	1.4693		1.4693	1.4693	0.0000	7,698.3782	7,698.3782	2.2871		7,746.4079

3.36 A-Install LST Foundations (17) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6686	9.8078	8.0573	0.0258	3.4034	0.1487	3.5521	0.4435	0.1367	0.5802		2,594.4604	2,594.4604	0.0190		2,594.8601
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.7357	9.8927	9.1143	0.0281	3.5859	0.1502	3.7361	0.4919	0.1381	0.6300		2,788.6003	2,788.6003	0.0290		2,789.2089

3.37 Fencing Phase 1 Block Wall - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3536	12.0376	9.2285	0.0133		0.8877	0.8877		0.8381	0.8381		1,334.5897	1,334.5897	0.3068		1,341.0333
Total	1.3536	12.0376	9.2285	0.0133		0.8877	0.8877		0.8381	0.8381		1,334.5897	1,334.5897	0.3068		1,341.0333

3.37 Fencing Phase 1 Block Wall - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0174	0.2558	0.2102	6.7000e-004	0.2812	3.8800e-003	0.2850	0.0308	3.5700e-003	0.0343		67.6720	67.6720	5.0000e-004		67.6824
Vendor	9.2800e-003	0.1184	0.0782	3.4000e-004	0.2347	2.7700e-003	0.2375	0.0261	2.5500e-003	0.0287		34.4146	34.4146	1.9000e-004		34.4186
Worker	0.0713	0.0902	1.1232	2.4600e-003	0.1939	1.6200e-003	0.1955	0.0514	1.4900e-003	0.0529		206.2737	206.2737	0.0106		206.4956
Total	0.0980	0.4643	1.4116	3.4700e-003	0.7098	8.2700e-003	0.7180	0.1083	7.6100e-003	0.1159		308.3603	308.3603	0.0113		308.5966

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5814	12.0078	9.3534	0.0133		0.4854	0.4854		0.4854	0.4854	0.0000	1,334.5897	1,334.5897	0.3068		1,341.0333
Total	0.5814	12.0078	9.3534	0.0133		0.4854	0.4854		0.4854	0.4854	0.0000	1,334.5897	1,334.5897	0.3068		1,341.0333

3.37 Fencing Phase 1 Block Wall - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0174	0.2558	0.2102	6.7000e-004	0.0888	3.8800e-003	0.0927	0.0116	3.5700e-003	0.0151		67.6720	67.6720	5.0000e-004		67.6824
Vendor	9.2800e-003	0.1184	0.0782	3.4000e-004	0.0748	2.7700e-003	0.0775	0.0102	2.5500e-003	0.0127		34.4146	34.4146	1.9000e-004		34.4186
Worker	0.0713	0.0902	1.1232	2.4600e-003	0.1939	1.6200e-003	0.1955	0.0514	1.4900e-003	0.0529		206.2737	206.2737	0.0106		206.4956
Total	0.0980	0.4643	1.4116	3.4700e-003	0.3574	8.2700e-003	0.3657	0.0732	7.6100e-003	0.0808		308.3603	308.3603	0.0113		308.5966

3.38 B-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.3365	63.3136	29.0105	0.0724		2.7126	2.7126		2.4956	2.4956		7,521.5708	7,521.5708	2.2688		7,569.2150
Total	5.3365	63.3136	29.0105	0.0724		2.7126	2.7126		2.4956	2.4956		7,521.5708	7,521.5708	2.2688		7,569.2150

3.38 B-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1334	1.9566	1.6073	5.1400e-003	2.1504	0.0297	2.1801	0.2354	0.0273	0.2626		517.5684	517.5684	3.8000e-003		517.6481
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.2005	2.0414	2.6644	7.4500e-003	2.3329	0.0312	2.3641	0.2838	0.0287	0.3124		711.7083	711.7083	0.0138		711.9969

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9533	56.3664	40.2906	0.0724		1.4693	1.4693		1.4693	1.4693	0.0000	7,521.5707	7,521.5707	2.2688		7,569.2150
Total	1.9533	56.3664	40.2906	0.0724		1.4693	1.4693		1.4693	1.4693	0.0000	7,521.5707	7,521.5707	2.2688		7,569.2150

3.38 B-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1334	1.9566	1.6073	5.1400e-003	0.6789	0.0297	0.7086	0.0885	0.0273	0.1157		517.5684	517.5684	3.8000e-003		517.6481
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.2005	2.0414	2.6644	7.4500e-003	0.8614	0.0312	0.8926	0.1369	0.0287	0.1655		711.7083	711.7083	0.0138		711.9969

3.39 A-LST Steel Haul (18) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6313	17.4715	8.8435	0.0195		0.8384	0.8384		0.7714	0.7714		2,025.9996	2,025.9996	0.6111		2,038.8329
Total	1.6313	17.4715	8.8435	0.0195		0.8384	0.8384		0.7714	0.7714		2,025.9996	2,025.9996	0.6111		2,038.8329

3.39 A-LST Steel Haul (18) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.4694	5.5400e-003	0.4750	0.0523	5.0900e-003	0.0574		68.8292	68.8292	3.8000e-004			68.8371
Worker	0.0210	0.0265	0.3303	7.2000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		60.6687	60.6687	3.1100e-003			60.7340
Total	0.0395	0.2632	0.4868	1.4100e-003	0.5265	6.0200e-003	0.5325	0.0674	5.5300e-003	0.0729		129.4979	129.4979	3.4900e-003			129.5711

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	2,025.9996	2,025.9996	0.6111			2,038.8329
Total	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	2,025.9996	2,025.9996	0.6111			2,038.8329

3.39 A-LST Steel Haul (18) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.1496	5.5400e-003	0.1551	0.0204	5.0900e-003	0.0254		68.8292	68.8292	3.8000e-004			68.8371
Worker	0.0210	0.0265	0.3303	7.2000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		60.6687	60.6687	3.1100e-003			60.7340
Total	0.0395	0.2632	0.4868	1.4100e-003	0.2066	6.0200e-003	0.2126	0.0355	5.5300e-003	0.0410		129.4979	129.4979	3.4900e-003			129.5711

3.40 A-LST Steel Assembly (19) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	3.0569	30.2823	14.0682	0.0237		1.7124	1.7124		1.6121	1.6121		2,400.0624	2,400.0624	0.6033			2,412.7313
Total	3.0569	30.2823	14.0682	0.0237		1.7124	1.7124		1.6121	1.6121		2,400.0624	2,400.0624	0.6033			2,412.7313

3.40 A-LST Steel Assembly (19) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.1007	0.1273	1.5856	3.4700e-003	0.2737	2.2800e-003	0.2760	0.0726	2.1000e-003	0.0747		291.2100	291.2100	0.0149			291.5232
Total	0.1007	0.1273	1.5856	3.4700e-003	0.2737	2.2800e-003	0.2760	0.0726	2.1000e-003	0.0747		291.2100	291.2100	0.0149			291.5232

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.7389	14.8030	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,400.0624	2,400.0624	0.6033			2,412.7313
Total	0.7389	14.8030	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,400.0624	2,400.0624	0.6033			2,412.7313

3.40 A-LST Steel Assembly (19) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1007	0.1273	1.5856	3.4700e-003	0.2737	2.2800e-003	0.2760	0.0726	2.1000e-003	0.0747		291.2100	291.2100	0.0149		291.5232
Total	0.1007	0.1273	1.5856	3.4700e-003	0.2737	2.2800e-003	0.2760	0.0726	2.1000e-003	0.0747		291.2100	291.2100	0.0149		291.5232

3.41 B-TSP Haul (22) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7839	32.3683	13.8390	0.0334		1.3027	1.3027		1.1985	1.1985		3,466.4825	3,466.4825	1.0456		3,488.4404
Total	2.7839	32.3683	13.8390	0.0334		1.3027	1.3027		1.1985	1.1985		3,466.4825	3,466.4825	1.0456		3,488.4404

3.41 B-TSP Haul (22) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.4694	5.5400e-003	0.4750	0.0523	5.0900e-003	0.0574		68.8292	68.8292	3.8000e-004			68.8371
Worker	0.0210	0.0265	0.3303	7.2000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		60.6687	60.6687	3.1100e-003			60.7340
Total	0.0395	0.2632	0.4868	1.4100e-003	0.5265	6.0200e-003	0.5325	0.0674	5.5300e-003	0.0729		129.4979	129.4979	3.4900e-003			129.5711

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.8168	23.6728	17.6970	0.0334		0.5990	0.5990		0.5990	0.5990	0.0000	3,466.4825	3,466.4825	1.0456			3,488.4404
Total	0.8168	23.6728	17.6970	0.0334		0.5990	0.5990		0.5990	0.5990	0.0000	3,466.4825	3,466.4825	1.0456			3,488.4404

3.41 B-TSP Haul (22) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0186	0.2367	0.1565	6.9000e-004	0.1496	5.5400e-003	0.1551	0.0204	5.0900e-003	0.0254		68.8292	68.8292	3.8000e-004		68.8371
Worker	0.0210	0.0265	0.3303	7.2000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		60.6687	60.6687	3.1100e-003		60.7340
Total	0.0395	0.2632	0.4868	1.4100e-003	0.2066	6.0200e-003	0.2126	0.0355	5.5300e-003	0.0410		129.4979	129.4979	3.4900e-003		129.5711

3.42 Splice Underground Cable (32) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3548	27.1298	12.6349	0.0329		1.0235	1.0235		0.9416	0.9416		3,417.1113	3,417.1113	1.0307		3,438.7565
Total	2.3548	27.1298	12.6349	0.0329		1.0235	1.0235		0.9416	0.9416		3,417.1113	3,417.1113	1.0307		3,438.7565

3.42 Splice Underground Cable (32) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0419	0.0530	0.6607	1.4400e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		121.3375	121.3375	6.2200e-003		121.4680
Total	0.0419	0.0530	0.6607	1.4400e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		121.3375	121.3375	6.2200e-003		121.4680

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8043	25.4008	17.4253	0.0329		0.5898	0.5898		0.5898	0.5898	0.0000	3,417.1113	3,417.1113	1.0307		3,438.7565
Total	0.8043	25.4008	17.4253	0.0329		0.5898	0.5898		0.5898	0.5898	0.0000	3,417.1113	3,417.1113	1.0307		3,438.7565

3.42 Splice Underground Cable (32) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0419	0.0530	0.6607	1.4400e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		121.3375	121.3375	6.2200e-003		121.4680
Total	0.0419	0.0530	0.6607	1.4400e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		121.3375	121.3375	6.2200e-003		121.4680

3.43 B-TSP Assembly (23) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772
Total	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772

3.43 B-TSP Assembly (23) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912		3,316.0772
Total	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912		3,316.0772

3.43 B-TSP Assembly (23) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488

3.44 B-TSP Erection (24) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772
Total	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772

3.44 B-TSP Erection (24) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912		3,316.0772
Total	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912		3,316.0772

3.44 B-TSP Erection (24) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488
Total	0.0671	0.0849	1.0571	2.3100e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		194.1400	194.1400	9.9500e-003		194.3488

3.45 B-Install/Transfer Conductor (25) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	11.8006	134.1316	66.1910	0.1173		6.8950	6.8950		6.3434	6.3434		12,193.5363	12,193.5363	3.6780		12,270.7744
Total	11.8006	134.1316	66.1910	0.1173		6.8950	6.8950		6.3434	6.3434		12,193.5363	12,193.5363	3.6780		12,270.7744

3.45 B-Install/Transfer Conductor (25) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0278	0.3551	0.2347	1.0300e-003	0.7041	8.3100e-003	0.7125	0.0784	7.6400e-003	0.0861		103.2438	103.2438	5.7000e-004		103.2557
Worker	0.1426	0.1803	2.2463	4.9100e-003	0.3878	3.2400e-003	0.3910	0.1028	2.9700e-003	0.1058		412.5474	412.5474	0.0211		412.9912
Total	0.1704	0.5354	2.4810	5.9400e-003	1.0919	0.0116	1.1035	0.1813	0.0106	0.1919		515.7912	515.7912	0.0217		516.2469

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6579	90.4027	70.8612	0.1173		2.8051	2.8051		2.8051	2.8051	0.0000	12,193.5363	12,193.5363	3.6780		12,270.7744
Total	3.6579	90.4027	70.8612	0.1173		2.8051	2.8051		2.8051	2.8051	0.0000	12,193.5363	12,193.5363	3.6780		12,270.7744

3.45 B-Install/Transfer Conductor (25) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0278	0.3551	0.2347	1.0300e-003	0.2243	8.3100e-003	0.2326	0.0305	7.6400e-003	0.0382		103.2438	103.2438	5.7000e-004			103.2557
Worker	0.1426	0.1803	2.2463	4.9100e-003	0.3878	3.2400e-003	0.3910	0.1028	2.9700e-003	0.1058		412.5474	412.5474	0.0211			412.9912
Total	0.1704	0.5354	2.4810	5.9400e-003	0.6121	0.0116	0.6237	0.1334	0.0106	0.1440		515.7912	515.7912	0.0217			516.2469

3.46 A-LST Erection (20) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	6.5944	68.0606	31.8735	0.0665		3.2960	3.2960		3.1057	3.1057		6,782.3571	6,782.3571	1.8045			6,820.2510
Total	6.5944	68.0606	31.8735	0.0665		3.2960	3.2960		3.1057	3.1057		6,782.3571	6,782.3571	1.8045			6,820.2510

3.46 A-LST Erection (20) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1174	0.1485	1.8499	4.0400e-003	0.3194	2.6600e-003	0.3220	0.0847	2.4500e-003	0.0871		339.7449	339.7449	0.0174		340.1104
Total	0.1174	0.1485	1.8499	4.0400e-003	0.3194	2.6600e-003	0.3220	0.0847	2.4500e-003	0.0871		339.7449	339.7449	0.0174		340.1104

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8213	45.7649	36.4955	0.0665		1.3896	1.3896		1.3896	1.3896	0.0000	6,782.3571	6,782.3571	1.8045		6,820.2510
Total	1.8213	45.7649	36.4955	0.0665		1.3896	1.3896		1.3896	1.3896	0.0000	6,782.3571	6,782.3571	1.8045		6,820.2510

3.46 A-LST Erection (20) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1174	0.1485	1.8499	4.0400e-003	0.3194	2.6600e-003	0.3220	0.0847	2.4500e-003	0.0871		339.7449	339.7449	0.0174		340.1104
Total	0.1174	0.1485	1.8499	4.0400e-003	0.3194	2.6600e-003	0.3220	0.0847	2.4500e-003	0.0871		339.7449	339.7449	0.0174		340.1104

3.47 B-Remove Existing Conductor & GW (11) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.6239	67.9621	31.9960	0.0632		2.9580	2.9580		2.7214	2.7214		6,571.1831	6,571.1831	1.9821		6,612.8072
Total	5.6239	67.9621	31.9960	0.0632		2.9580	2.9580		2.7214	2.7214		6,571.1831	6,571.1831	1.9821		6,612.8072

3.47 B-Remove Existing Conductor & GW (11) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0557	0.7101	0.4694	2.0600e-003	1.4083	0.0166	1.4249	0.1568	0.0153	0.1721		206.4876	206.4876	1.1300e-003		206.5114
Worker	0.1342	0.1697	2.1142	4.6200e-003	0.3650	3.0500e-003	0.3680	0.0968	2.8000e-003	0.0996		388.2799	388.2799	0.0199		388.6976
Total	0.1899	0.8798	2.5836	6.6800e-003	1.7733	0.0197	1.7929	0.2536	0.0181	0.2717		594.7675	594.7675	0.0210		595.2090

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9070	48.0826	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,571.1831	6,571.1831	1.9821		6,612.8072
Total	1.9070	48.0826	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,571.1831	6,571.1831	1.9821		6,612.8072

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507717	0.059700	0.181648	0.140055	0.042936	0.006749	0.016265	0.033349	0.001955	0.002502	0.004345	0.000573	0.002206

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

6.0 Area Detail

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

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

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Mesa 500 kV Substation Project

South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Equipment List and Schedule provided by SCE

Land Use -

Construction Phase - Construction schedule provided by SCE

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

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Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Off-road Equipment - Equipment list provided by SCE.

Trips and VMT - Equipment list provided by SCE. All trip lengths assumed to be 15 miles.

On-road Fugitive Dust - Assume all worker trips will be paved, vendor and hauling will be 99 percent paved.

Grading - Taken from Chapter 3 - Project Description

Road Dust - % paved base on Mesa site characteristics

Consumer Products -

Energy Use -

Construction Off-road Equipment Mitigation - Tier based on Equipment List provided by SCE

Table Name	Column Name	Default Value	New Value
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	60.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
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tblConstEquipMitigation	Tier	No Change	Tier 2
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tblConstructionPhase	NumDays	0.00	84.00
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2.0 Emissions Summary

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading Phase 1	Site Preparation	1/6/2016	12/31/2016	6	310	see general description
2	Survey	Site Preparation	1/6/2016	12/31/2016	6	310	see general description
3	Survey (1)	Grading	5/2/2016	12/31/2016	6	210	see general description
4	Construction and Materials Yard (2)	Building Construction	6/6/2016	12/31/2016	6	180	see general description
5	Roads & Landing Work (4)	Site Preparation	6/13/2016	7/18/2016	6	31	see general description
6	R/W Clearing (3)	Site Preparation	6/13/2016	7/6/2016	6	21	see general description
7	Civil Installation	Building Construction	6/16/2016	12/31/2016	6	171	see general description
8	Wood Pole Replacement & Transfer of Facilities	Building Construction	6/30/2016	12/31/2016	6	159	see general description
9	Fiber Optic Cable Installation	Building Construction	6/30/2016	12/31/2016	6	159	see general description
10	Fiber Optic/Copper Cable Removal	Building Construction	6/30/2016	12/31/2016	6	159	see general description
11	Wet Crossing Installation (5)	Site Preparation	7/9/2016	7/18/2016	6	8	see general description
12	A-Install TSP Foundations (21) 220 kV & 66 kV	Trenching	7/19/2016	8/20/2016	6	29	see general description
13	Vault Installation (29)	Trenching	7/19/2016	8/6/2016	6	17	see general description
14	A-Guard Structure Installation (6)	Building Construction	7/19/2016	8/12/2016	6	22	see general description
15	A-Shoo-fly Pole Haul (7)	Building Construction	7/19/2016	7/25/2016	6	6	see general description
16	A-Shoo-fly Pole Assembly (8)	Building Construction	7/23/2016	7/27/2016	6	4	see general description
17	A-Install Shoo-fly Pole (9)	Building Construction	7/25/2016	8/1/2016	6	7	see general description
18	Duct Bank Installation (30)	Trenching	8/2/2016	9/13/2016	6	37	see general description
19	A-Install Shoo-fly Conductor (10)	Building Construction	8/12/2016	8/26/2016	6	13	see general description
20	Splicing & Testing	Building Construction	8/16/2016	12/31/2016	6	119	see general description
21	A-TSP Haul (22) 220 kV & 66 kV	Building Construction	8/20/2016	9/1/2016	6	11	see general description
22	A-TSP Assembly (23) 220 kV & 66 kV	Building Construction	8/25/2016	8/31/2016	6	6	see general description

23	A-Remove Existing Conductor & GW (11)	Building Construction	8/26/2016	9/15/2016	6	18	see general description
24	A-TSP Erection (24) 220 kV & 66 kV	Building Construction	8/30/2016	9/3/2016	6	5	see general description
25	A-Install/Transfer Conductor (25)	Building Construction	9/6/2016	12/31/2016	6	101	see general description
26	A-LST Removal (12)	Trenching	9/15/2016	9/22/2016	6	7	see general description
27	Install Underground Cable (31)	Building Construction	9/19/2016	11/11/2016	6	47	see general description
28	A-LST Foundation Removal (13)	Trenching	9/22/2016	9/28/2016	6	6	see general description
29	A-TSP Removal (14) 220 kV & 66 kV	Trenching	9/22/2016	9/22/2016	6	1	see general description
30	Civil Phase 1	Trenching	9/26/2016	12/31/2016	6	84	see general description
31	MEER Phase 1	Building Construction	9/26/2016	12/31/2016	6	84	see general description
32	Control Building Phase 1	Building Construction	9/26/2016	12/31/2016	6	84	see general description
33	Test & Maintenance Building Phase 1	Building Construction	9/26/2016	12/31/2016	6	84	see general description
34	A-TSP Foundation Removal (15) 220 kV & 66 kV	Trenching	9/28/2016	9/30/2016	6	3	see general description
35	A-Install LST Foundations (17)	Trenching	10/1/2016	10/20/2016	6	17	see general description
36	Fencing Phase 1 Block Wall	Building Construction	10/13/2016	12/31/2016	6	69	see general description
37	B-Install TSP Foundations (21) 220 kV & 66 kV	Trenching	10/20/2016	10/25/2016	6	5	see general description
38	A-LST Steel Haul (18)	Building Construction	10/20/2016	10/25/2016	6	5	see general description
39	A-LST Steel Assembly (19)	Building Construction	10/25/2016	12/31/2016	6	59	see general description
40	B-TSP Haul (22) 220 kV & 66 kV	Building Construction	10/25/2016	10/26/2016	6	2	see general description
41	Splice Underground Cable (32)	Building Construction	10/26/2016	12/22/2016	6	50	see general description
42	B-TSP Assembly (23) 220 kV & 66 kV	Building Construction	10/26/2016	10/28/2016	6	3	see general description
43	B-TSP Erection (24) 220 kV & 66 kV	Building Construction	10/31/2016	11/1/2016	6	2	see general description
44	B-Install/Transfer Conductor (25)	Building Construction	11/1/2016	12/31/2016	6	53	see general description
45	A-LST Erection (20)	Building Construction	11/3/2016	11/30/2016	6	24	see general description
46	B-Remove Existing Conductor & GW (11)	Building Construction	12/22/2016	12/31/2016	6	9	see general description

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading Phase 1	Crawler Tractors	2	10.00	208	0.43
Grading Phase 1	Graders	2	10.00	174	0.41
Grading Phase 1	Off-Highway Trucks	4	10.00	400	0.38
Grading Phase 1	Scrapers	4	10.00	361	0.48
Grading Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Construction and Materials Yard (2)	Cranes	1	5.00	226	0.29
Construction and Materials Yard (2)	Forklifts	1	5.00	89	0.20
Construction and Materials Yard (2)	Off-Highway Trucks	1	10.00	400	0.38
Roads & Landing Work (4)	Crawler Tractors	2	7.00	208	0.43
Roads & Landing Work (4)	Excavators	2	7.00	162	0.38
Roads & Landing Work (4)	Graders	2	5.00	174	0.41
Roads & Landing Work (4)	Off-Highway Trucks	2	10.00	400	0.38
Roads & Landing Work (4)	Plate Compactors	2	5.00	8	0.43
Roads & Landing Work (4)	Tractors/Loaders/Backhoes	2	7.00	97	0.37
R/W Clearing (3)	Crawler Tractors	2	7.00	208	0.43
R/W Clearing (3)	Graders	2	7.00	174	0.41
R/W Clearing (3)	Off-Highway Trucks	2	9.00	400	0.38
R/W Clearing (3)	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Civil Installation	Air Compressors	1	10.00	78	0.48
Civil Installation	Graders	2	10.00	174	0.41
Civil Installation	Off-Highway Trucks	2	10.00	400	0.38
Civil Installation	Scrapers	2	10.00	361	0.48

Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Wood Pole Replacement & Transfer of Facilities	Aerial Lifts	2	10.00	62	0.31
Wood Pole Replacement & Transfer of Facilities	Bore/Drill Rigs	2	10.00	205	0.50
Wood Pole Replacement & Transfer of Facilities	Cranes	2	10.00	226	0.29
Fiber Optic Cable Installation	Aerial Lifts	2	10.00	62	0.31
Fiber Optic/Copper Cable Removal	Aerial Lifts	2	10.00	62	0.31
Wet Crossing Installation (5)	Cement and Mortar Mixers	1	10.00	9	0.56
Wet Crossing Installation (5)	Excavators	1	10.00	162	0.38
Wet Crossing Installation (5)	Other Construction Equipment	1	10.00	171	0.42
Wet Crossing Installation (5)	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Wet Crossing Installation (5)	Tractors/Loaders/Backhoes	1	10.00	97	0.37
A-Install TSP Foundations (21) 220 kV & 66 kV	Bore/Drill Rigs	2	10.00	205	0.50
A-Install TSP Foundations (21) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
A-Install TSP Foundations (21) 220 kV & 66 kV	Off-Highway Trucks	2	10.00	122	0.44
A-Install TSP Foundations (21) 220 kV & 66 kV	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Vault Installation (29)	Cranes	1	7.00	226	0.29
Vault Installation (29)	Excavators	2	7.00	162	0.38
Vault Installation (29)	Off-Highway Trucks	1	10.00	400	0.38
Vault Installation (29)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
A-Guard Structure Installation (6)	Aerial Lifts	2	5.00	62	0.31
A-Guard Structure Installation (6)	Air Compressors	2	7.00	78	0.48
A-Guard Structure Installation (6)	Bore/Drill Rigs	2	8.00	205	0.50
A-Guard Structure Installation (6)	Cranes	2	8.00	226	0.29
A-Guard Structure Installation (6)	Off-Highway Trucks	2	10.00	400	0.38
A-Shoo-fly Pole Haul (7)	Forklifts	2	8.00	89	0.20

A-Shoo-fly Pole Haul (7)	Off-Highway Trucks	1	10.00	400	0.38
A-Shoo-fly Pole Assembly (8)	Air Compressors	1	10.00	78	0.48
A-Shoo-fly Pole Assembly (8)	Cranes	1	10.00	226	0.29
A-Shoo-fly Pole Assembly (8)	Off-Highway Trucks	1	10.00	400	0.38
A-Install Shoo-fly Pole (9)	Aerial Lifts	2	10.00	62	0.31
A-Install Shoo-fly Pole (9)	Bore/Drill Rigs	2	8.00	205	0.50
A-Install Shoo-fly Pole (9)	Cranes	2	7.00	226	0.29
A-Install Shoo-fly Pole (9)	Off-Highway Trucks	2	10.00	400	0.38
A-Install Shoo-fly Pole (9)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Duct Bank Installation (30)	Air Compressors	2	5.00	78	0.48
Duct Bank Installation (30)	Concrete/Industrial Saws	2	8.00	81	0.73
Duct Bank Installation (30)	Off-Highway Trucks	1	10.00	400	0.38
Duct Bank Installation (30)	Tractors/Loaders/Backhoes	2	7.00	97	0.37
A-Install Shoo-fly Conductor (10)	Aerial Lifts	2	10.00	62	0.31
A-Install Shoo-fly Conductor (10)	Cranes	2	10.00	226	0.29
A-Install Shoo-fly Conductor (10)	Cranes	2	10.00	226	0.29
A-Install Shoo-fly Conductor (10)	Crawler Tractors	2	10.00	208	0.43
A-Install Shoo-fly Conductor (10)	Off-Highway Trucks	1	10.00	400	0.38
A-Install Shoo-fly Conductor (10)	Off-Highway Trucks	4	10.00	400	0.38
A-Install Shoo-fly Conductor (10)	Other Construction Equipment	2	10.00	171	0.42
A-Install Shoo-fly Conductor (10)	Other General Industrial Equipment	1	10.00	87	0.34
A-Install Shoo-fly Conductor (10)	Other General Industrial Equipment	1	10.00	87	0.34
A-Install Shoo-fly Conductor (10)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Splicing & Testing	Other General Industrial Equipment	2	10.00	87	0.34
A-TSP Haul (22) 220 kV & 66 kV	Cranes	2	8.00	226	0.29
A-TSP Haul (22) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
A-TSP Assembly (23) 220 kV & 66 kV	Air Compressors	2	6.00	78	0.48
A-TSP Assembly (23) 220 kV & 66 kV	Cranes	2	7.00	226	0.29

A-TSP Assembly (23) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
A-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
A-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
A-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
A-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38
A-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42
A-TSP Erection (24) 220 kV & 66 kV	Air Compressors	2	6.00	78	0.48
A-TSP Erection (24) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
A-TSP Erection (24) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
A-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
A-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
A-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
A-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
A-Install/Transfer Conductor (25)	Off-Highway Trucks	1	10.00	400	0.38
A-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
A-Install/Transfer Conductor (25)	Other General Industrial Equipment	2	10.00	87	0.34
A-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	167	0.40
A-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
A-LST Removal (12)	Air Compressors	2	10.00	78	0.48
A-LST Removal (12)	Cranes	2	5.00	226	0.29
A-LST Removal (12)	Cranes	2	7.00	226	0.29
A-LST Removal (12)	Off-Highway Trucks	1	10.00	400	0.38
Install Underground Cable (31)	Aerial Lifts	4	5.00	62	0.31
Install Underground Cable (31)	Cranes	1	7.00	226	0.29
Install Underground Cable (31)	Off-Highway Trucks	1	10.00	400	0.38
Install Underground Cable (31)	Off-Highway Trucks	1	5.00	400	0.38
Install Underground Cable (31)	Other Construction Equipment	2	5.00	171	0.42

A-LST Foundation Removal (13)	Air Compressors	2	10.00	78	0.48
A-LST Foundation Removal (13)	Excavators	1	10.00	162	0.38
A-LST Foundation Removal (13)	Off-Highway Trucks	1	10.00	400	0.38
A-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
A-TSP Removal (14) 220 kV & 66 kV	Air Compressors	2	10.00	78	0.48
A-TSP Removal (14) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
A-TSP Removal (14) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
Civil Phase 1	Bore/Drill Rigs	3	10.00	205	0.50
Civil Phase 1	Cranes	2	5.00	226	0.29
Civil Phase 1	Excavators	3	10.00	162	0.38
Civil Phase 1	Forklifts	4	6.00	89	0.20
Civil Phase 1	Off-Highway Trucks	3	10.00	400	0.38
Civil Phase 1	Pumps	1	5.00	84	0.74
Civil Phase 1	Skid Steer Loaders	4	10.00	64	0.37
Civil Phase 1	Tractors/Loaders/Backhoes	6	10.00	97	0.37
Civil Phase 1	Tractors/Loaders/Backhoes	3	10.00	64	0.37
MEER Phase 1	Aerial Lifts	2	10.00	62	0.31
MEER Phase 1	Cranes	1	5.00	226	0.29
MEER Phase 1	Forklifts	3	5.00	89	0.20
MEER Phase 1	Generator Sets	1	12.00	84	0.74
MEER Phase 1	Off-Highway Trucks	2	3.00	400	0.38
MEER Phase 1	Pumps	1	5.00	84	0.74
MEER Phase 1	Skid Steer Loaders	2	10.00	64	0.37
MEER Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
MEER Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Control Building Phase 1	Aerial Lifts	2	10.00	62	0.31
Control Building Phase 1	Cranes	1	5.00	226	0.29
Control Building Phase 1	Forklifts	3	5.00	89	0.20

Control Building Phase 1	Off-Highway Trucks	2	3.00	400	0.38
Control Building Phase 1	Pumps	1	5.00	84	0.74
Control Building Phase 1	Skid Steer Loaders	2	10.00	64	0.37
Control Building Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Control Building Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Test & Maintenance Building Phase 1	Aerial Lifts	2	10.00	62	0.31
Test & Maintenance Building Phase 1	Cranes	1	5.00	226	0.29
Test & Maintenance Building Phase 1	Forklifts	3	5.00	89	0.20
Test & Maintenance Building Phase 1	Off-Highway Trucks	2	3.00	400	0.38
Test & Maintenance Building Phase 1	Pumps	1	5.00	84	0.74
Test & Maintenance Building Phase 1	Skid Steer Loaders	2	10.00	64	0.37
Test & Maintenance Building Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Test & Maintenance Building Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
A-TSP Foundation Removal (15) 220 kV & 66 kV	Air Compressors	2	10.00	78	0.48
A-TSP Foundation Removal (15) 220 kV & 66 kV	Excavators	1	10.00	162	0.38
A-TSP Foundation Removal (15) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
A-TSP Foundation Removal (15) 220 kV & 66 kV	Tractors/Loaders/Backhoes	2	10.00	97	0.37
A-Install LST Foundations (17)	Bore/Drill Rigs	2	10.00	205	0.50
A-Install LST Foundations (17)	Cement and Mortar Mixers	4	7.00	9	0.56
A-Install LST Foundations (17)	Cranes	2	7.00	226	0.29
A-Install LST Foundations (17)	Off-Highway Trucks	2	10.00	400	0.38
A-Install LST Foundations (17)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Fencing Phase 1 Block Wall	Forklifts	1	10.00	89	0.20
Fencing Phase 1 Block Wall	Pumps	1	6.00	84	0.74
Fencing Phase 1 Block Wall	Skid Steer Loaders	1	10.00	64	0.37
Fencing Phase 1 Block Wall	Tractors/Loaders/Backhoes	1	10.00	97	0.37
B-Install TSP Foundations (21) 220 kV & 66 kV	Bore/Drill Rigs	2	10.00	205	0.50

B-Install TSP Foundations (21) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
B-Install TSP Foundations (21) 220 kV & 66 kV	Off-Highway Trucks	2	10.00	400	0.38
B-Install TSP Foundations (21) 220 kV & 66 kV	Tractors/Loaders/Backhoes	2	10.00	97	0.37
A-LST Steel Haul (18)	Forklifts	2	8.00	89	0.20
A-LST Steel Haul (18)	Off-Highway Trucks	1	10.00	400	0.38
A-LST Steel Assembly (19)	Air Compressors	2	7.00	78	0.48
A-LST Steel Assembly (19)	Cranes	2	10.00	226	0.29
A-LST Steel Assembly (19)	Forklifts	2	7.00	89	0.20
B-TSP Haul (22) 220 kV & 66 kV	Cranes	1	10.00	226	0.29
B-TSP Haul (22) 220 kV & 66 kV	Off-Highway Trucks	2	8.00	400	0.38
Splice Underground Cable (32)	Off-Highway Trucks	2	10.00	400	0.38
B-TSP Assembly (23) 220 kV & 66 kV	Air Compressors	2	6.00	78	0.48
B-TSP Assembly (23) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
B-TSP Assembly (23) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
B-TSP Erection (24) 220 kV & 66 kV	Air Compressors	2	6.00	78	0.48
B-TSP Erection (24) 220 kV & 66 kV	Cranes	2	7.00	226	0.29
B-TSP Erection (24) 220 kV & 66 kV	Off-Highway Trucks	1	10.00	400	0.38
B-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
B-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
B-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
B-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
B-Install/Transfer Conductor (25)	Off-Highway Trucks	1	10.00	171	0.42
B-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	400	0.38
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	2	10.00	87	0.34
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	87	0.34
B-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
A-LST Erection (20)	Air Compressors	4	7.00	78	0.48

A-LST Erection (20)	Cranes	4	7.00	226	0.29
A-LST Erection (20)	Off-Highway Trucks	2	10.00	400	0.38
B-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
B-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
B-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
B-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38
B-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42

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
Grading Phase 1	14	18.00	0.00	9,445.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fiber Optic/Copper Cable Removal	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Wet Crossing Installation (5)	5	8.00	1.00	18.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install TSP Foundations (21) 220	8	16.00	0.00	322.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Vault Installation (29)	6	18.00	4.00	306.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Guard Structure Installation (6)	10	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Shoo-fly Pole Haul (7)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Shoo-fly Pole Assembly (8)	3	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install Shoo-fly Pole (9)	10	14.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Duct Bank Installation (30)	7	18.00	3.00	17,353.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install Shoo-fly Conductor (10)	19	19.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splicing & Testing	2	7.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-TSP Haul (22) 220 kV & 66 kV	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-TSP Assembly (23) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

A-TSP Erection (24) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Removal (12)	7	14.00	2.00	14.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Install Underground Cable (31)	9	2.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Foundation Removal (13)	6	10.00	0.00	11.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-TSP Removal (14) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Phase 1	29	64.00	0.00	2,800.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
MEER Phase 1	15	56.00	0.00	59.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Control Building Phase 1	14	56.00	0.00	29.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Test & Maintenance Building Phase 1	14	56.00	0.00	35.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-TSP Foundation Removal (15) 220 kV	6	10.00	0.00	92.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install LST Foundations (17)	12	16.00	0.00	784.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fencing Phase 1 Block Wall	4	17.00	1.00	83.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install TSP Foundations (21) 220	8	16.00	0.00	46.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Steel Haul (18)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Steel Assembly (19)	6	24.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Construction and Materials Yard (2)	3	5.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Haul (22) 220 kV & 66 kV	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splice Underground Cable (32)	2	10.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Assembly (23) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Erection (24) 220 kV & 66 kV	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Erection (20)	10	28.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Roads & Landing Work (4)	12	14.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
R/W Clearing (3)	8	7.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation	11	13.00	0.00	335.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Wood Pole Replacement & Transf	6	12.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

Fiber Optic Cable Installation	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Survey (1)	0	6.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Survey	0	3.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Grading Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1049	0.0000	0.1049	0.0129	0.0000	0.0129			0.0000			0.0000
Off-Road	16.7900	200.1743	105.8375	0.1829		8.5971	8.5971		7.9093	7.9093		19,005.1306	19,005.1306	5.7326		19,125.5157
Total	16.7900	200.1743	105.8375	0.1829	0.1049	8.5971	8.7020	0.0129	7.9093	7.9222		19,005.1306	19,005.1306	5.7326		19,125.5157

3.2 Grading Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4712	6.7056	6.1916	0.0170	7.1215	0.0985	7.2200	0.7795	0.0906	0.8701		1,708.6532	1,708.6532	0.0128		1,708.9218
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0771	0.1049	1.0956	2.4400e-003	0.2053	1.7100e-003	0.2070	0.0545	1.5700e-003	0.0560		204.8381	204.8381	0.0112		205.0731
Total	0.5484	6.8104	7.2872	0.0194	7.3268	0.1002	7.4270	0.8339	0.0922	0.9261		1,913.4914	1,913.4914	0.0240		1,913.9949

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0472	0.0000	0.0472	5.8100e-003	0.0000	5.8100e-003			0.0000			0.0000
Off-Road	4.8770	145.7151	102.3276	0.1829		3.5778	3.5778		3.5778	3.5778	0.0000	19,005.1306	19,005.1306	5.7326		19,125.5157
Total	4.8770	145.7151	102.3276	0.1829	0.0472	3.5778	3.6250	5.8100e-003	3.5778	3.5836	0.0000	19,005.1306	19,005.1306	5.7326		19,125.5157

3.2 Grading Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4712	6.7056	6.1916	0.0170	2.2485	0.0985	2.3470	0.2930	0.0906	0.3836		1,708.653 2	1,708.653 2	0.0128		1,708.921 8
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0771	0.1049	1.0956	2.4400e-003	0.2053	1.7100e-003	0.2070	0.0545	1.5700e-003	0.0560		204.8381	204.8381	0.0112		205.0731
Total	0.5484	6.8104	7.2872	0.0194	2.4538	0.1002	2.5540	0.3474	0.0922	0.4396		1,913.491 4	1,913.491 4	0.0240		1,913.994 9

3.3 Survey - 2016

Unmitigated Construction On-Site

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

3.3 Survey - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0129	0.0175	0.1826	4.1000e-004	0.0342	2.9000e-004	0.0345	9.0700e-003	2.6000e-004	9.3400e-003		34.1397	34.1397	1.8600e-003			34.1789
Total	0.0129	0.0175	0.1826	4.1000e-004	0.0342	2.9000e-004	0.0345	9.0700e-003	2.6000e-004	9.3400e-003		34.1397	34.1397	1.8600e-003			34.1789

Mitigated Construction On-Site

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

3.3 Survey - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0129	0.0175	0.1826	4.1000e-004	0.0342	2.9000e-004	0.0345	9.0700e-003	2.6000e-004	9.3400e-003		34.1397	34.1397	1.8600e-003			34.1789
Total	0.0129	0.0175	0.1826	4.1000e-004	0.0342	2.9000e-004	0.0345	9.0700e-003	2.6000e-004	9.3400e-003		34.1397	34.1397	1.8600e-003			34.1789

3.4 Survey (1) - 2016

Unmitigated Construction On-Site

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

3.4 Survey (1) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0257	0.0350	0.3652	8.1000e-004	0.0684	5.7000e-004	0.0690	0.0182	5.2000e-004	0.0187		68.2794	68.2794	3.7300e-003		68.3577
Total	0.0257	0.0350	0.3652	8.1000e-004	0.0684	5.7000e-004	0.0690	0.0182	5.2000e-004	0.0187		68.2794	68.2794	3.7300e-003		68.3577

Mitigated Construction On-Site

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

3.4 Survey (1) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0257	0.0350	0.3652	8.1000e-004	0.0684	5.7000e-004	0.0690	0.0182	5.2000e-004	0.0187		68.2794	68.2794	3.7300e-003			68.3577
Total	0.0257	0.0350	0.3652	8.1000e-004	0.0684	5.7000e-004	0.0690	0.0182	5.2000e-004	0.0187		68.2794	68.2794	3.7300e-003			68.3577

3.5 Construction and Materials Yard (2) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.7693	20.1179	8.9724	0.0209		0.8558	0.8558		0.7873	0.7873		2,174.1536	2,174.1536	0.6558			2,187.9254
Total	1.7693	20.1179	8.9724	0.0209		0.8558	0.8558		0.7873	0.7873		2,174.1536	2,174.1536	0.6558			2,187.9254

3.5 Construction and Materials Yard (2) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	9.9000e-003	0.1219	0.0893	3.4000e-004	0.2347	2.7900e-003	0.2375	0.0261	2.5600e-003	0.0287		34.2256	34.2256	1.9000e-004			34.2296
Worker	0.0214	0.0291	0.3043	6.8000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		56.8995	56.8995	3.1100e-003			56.9648
Total	0.0313	0.1510	0.3936	1.0200e-003	0.2917	3.2700e-003	0.2950	0.0413	3.0000e-003	0.0443		91.1251	91.1251	3.3000e-003			91.1944

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.5340	15.3085	11.3170	0.0209		0.3961	0.3961		0.3961	0.3961	0.0000	2,174.1536	2,174.1536	0.6558			2,187.9254
Total	0.5340	15.3085	11.3170	0.0209		0.3961	0.3961		0.3961	0.3961	0.0000	2,174.1536	2,174.1536	0.6558			2,187.9254

3.5 Construction and Materials Yard (2) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.9000e-003	0.1219	0.0893	3.4000e-004	0.0748	2.7900e-003	0.0776	0.0102	2.5600e-003	0.0127		34.2256	34.2256	1.9000e-004		34.2296
Worker	0.0214	0.0291	0.3043	6.8000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		56.8995	56.8995	3.1100e-003		56.9648
Total	0.0313	0.1510	0.3936	1.0200e-003	0.1318	3.2700e-003	0.1351	0.0253	3.0000e-003	0.0283		91.1251	91.1251	3.3000e-003		91.1944

3.6 Roads & Landing Work (4) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	6.1925	70.5633	34.2564	0.0695		3.2285	3.2285		2.9712	2.9712		7,201.3351	7,201.3351	2.1637		7,246.7718
Total	6.1925	70.5633	34.2564	0.0695	1.5908	3.2285	4.8192	0.1718	2.9712	3.1429		7,201.3351	7,201.3351	2.1637		7,246.7718

3.6 Roads & Landing Work (4) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.4694	5.5800e-003	0.4750	0.0523	5.1300e-003	0.0574		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003		159.5013
Total	0.0798	0.3253	1.0307	2.5800e-003	0.6291	6.9100e-003	0.6360	0.0946	6.3500e-003	0.1010		227.7698	227.7698	9.0800e-003		227.9605

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	2.0501	56.6004	41.5508	0.0695		1.4899	1.4899		1.4899	1.4899	0.0000	7,201.3351	7,201.3351	2.1637		7,246.7718
Total	2.0501	56.6004	41.5508	0.0695	0.7158	1.4899	2.2058	0.0773	1.4899	1.5672	0.0000	7,201.3351	7,201.3351	2.1637		7,246.7718

3.6 Roads & Landing Work (4) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.1496	5.5800e-003	0.1551	0.0204	5.1300e-003	0.0255		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003		159.5013
Total	0.0798	0.3253	1.0307	2.5800e-003	0.3092	6.9100e-003	0.3161	0.0627	6.3500e-003	0.0691		227.7698	227.7698	9.0800e-003		227.9605

3.7 R/W Clearing (3) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8559	0.0000	1.8559	0.2004	0.0000	0.2004			0.0000			0.0000
Off-Road	5.7369	64.9722	29.1938	0.0595		3.0239	3.0239		2.7820	2.7820		6,178.8715	6,178.8715	1.8638		6,218.0106
Total	5.7369	64.9722	29.1938	0.0595	1.8559	3.0239	4.8798	0.2004	2.7820	2.9824		6,178.8715	6,178.8715	1.8638		6,218.0106

3.7 R/W Clearing (3) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.4694	5.5800e-003	0.4750	0.0523	5.1300e-003	0.0574		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0300	0.0408	0.4261	9.5000e-004	0.0798	6.7000e-004	0.0805	0.0212	6.1000e-004	0.0218		79.6593	79.6593	4.3500e-003		79.7507
Total	0.0498	0.2846	0.6046	1.6300e-003	0.5493	6.2500e-003	0.5555	0.0735	5.7400e-003	0.0792		148.1105	148.1105	4.7300e-003		148.2099

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8351	0.0000	0.8351	0.0902	0.0000	0.0902			0.0000			0.0000
Off-Road	1.7282	48.7606	35.1058	0.0595		1.2683	1.2683		1.2683	1.2683	0.0000	6,178.8715	6,178.8715	1.8638		6,218.0106
Total	1.7282	48.7606	35.1058	0.0595	0.8351	1.2683	2.1034	0.0902	1.2683	1.3584	0.0000	6,178.8715	6,178.8715	1.8638		6,218.0106

3.7 R/W Clearing (3) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.1496	5.5800e-003	0.1551	0.0204	5.1300e-003	0.0255		68.4512	68.4512	3.8000e-004			68.4592
Worker	0.0300	0.0408	0.4261	9.5000e-004	0.0798	6.7000e-004	0.0805	0.0212	6.1000e-004	0.0218		79.6593	79.6593	4.3500e-003			79.7507
Total	0.0498	0.2846	0.6046	1.6300e-003	0.2294	6.2500e-003	0.2356	0.0415	5.7400e-003	0.0473		148.1105	148.1105	4.7300e-003			148.2099

3.8 Civil Installation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	10.6748	117.2978	67.7103	0.1062		5.8352	5.8352		5.3946	5.3946		10,996.7839	10,996.7839	3.2308			11,064.6313
Total	10.6748	117.2978	67.7103	0.1062		5.8352	5.8352		5.3946	5.3946		10,996.7839	10,996.7839	3.2308			11,064.6313

3.8 Civil Installation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0303	0.4312	0.3981	1.0900e-003	0.4579	6.3300e-003	0.4643	0.0501	5.8300e-003	0.0560		109.8658	109.8658	8.2000e-004		109.8830
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0557	0.0757	0.7913	1.7600e-003	0.1483	1.2400e-003	0.1495	0.0393	1.1400e-003	0.0405		147.9387	147.9387	8.0800e-003		148.1084
Total	0.0860	0.5069	1.1894	2.8500e-003	0.6062	7.5700e-003	0.6138	0.0894	6.9700e-003	0.0964		257.8044	257.8044	8.9000e-003		257.9914

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2365	86.4289	63.6931	0.1062		2.4309	2.4309		2.4309	2.4309	0.0000	10,996.7838	10,996.7838	3.2308		11,064.6313
Total	3.2365	86.4289	63.6931	0.1062		2.4309	2.4309		2.4309	2.4309	0.0000	10,996.7838	10,996.7838	3.2308		11,064.6313

3.8 Civil Installation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0303	0.4312	0.3981	1.0900e-003	0.1446	6.3300e-003	0.1509	0.0188	5.8300e-003	0.0247		109.8658	109.8658	8.2000e-004		109.8830
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0557	0.0757	0.7913	1.7600e-003	0.1483	1.2400e-003	0.1495	0.0393	1.1400e-003	0.0405		147.9387	147.9387	8.0800e-003		148.1084
Total	0.0860	0.5069	1.1894	2.8500e-003	0.2929	7.5700e-003	0.3004	0.0582	6.9700e-003	0.0651		257.8044	257.8044	8.9000e-003		257.9914

3.9 Wood Pole Replacement & Transfer of Facilities - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.8105	36.7518	15.2953	0.0401		1.4477	1.4477		1.3319	1.3319		4,163.9346	4,163.9346	1.2560		4,190.3104
Total	2.8105	36.7518	15.2953	0.0401		1.4477	1.4477		1.3319	1.3319		4,163.9346	4,163.9346	1.2560		4,190.3104

3.9 Wood Pole Replacement & Transfer of Facilities - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0514	0.0699	0.7304	1.6200e-003	0.1369	1.1400e-003	0.1380	0.0363	1.0500e-003	0.0374		136.5588	136.5588	7.4600e-003			136.7154
Total	0.0514	0.0699	0.7304	1.6200e-003	0.1369	1.1400e-003	0.1380	0.0363	1.0500e-003	0.0374		136.5588	136.5588	7.4600e-003			136.7154

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.0840	29.4856	22.3998	0.0401		0.8147	0.8147		0.8147	0.8147	0.0000	4,163.9346	4,163.9346	1.2560			4,190.3104
Total	1.0840	29.4856	22.3998	0.0401		0.8147	0.8147		0.8147	0.8147	0.0000	4,163.9346	4,163.9346	1.2560			4,190.3104

3.9 Wood Pole Replacement & Transfer of Facilities - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0514	0.0699	0.7304	1.6200e-003	0.1369	1.1400e-003	0.1380	0.0363	1.0500e-003	0.0374		136.5588	136.5588	7.4600e-003			136.7154
Total	0.0514	0.0699	0.7304	1.6200e-003	0.1369	1.1400e-003	0.1380	0.0363	1.0500e-003	0.0374		136.5588	136.5588	7.4600e-003			136.7154

3.10 Fiber Optic Cable Installation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.1403	2.3069	2.7127	4.1300e-003		0.0948	0.0948		0.0873	0.0873		428.9923	428.9923	0.1294			431.7097
Total	0.1403	2.3069	2.7127	4.1300e-003		0.0948	0.0948		0.0873	0.0873		428.9923	428.9923	0.1294			431.7097

3.10 Fiber Optic Cable Installation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003		159.5013
Total	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003		159.5013

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	428.9923	428.9923	0.1294		431.7097
Total	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	428.9923	428.9923	0.1294		431.7097

3.10 Fiber Optic Cable Installation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003			159.5013
Total	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003			159.5013

3.11 Fiber Optic/Copper Cable Removal - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.1403	2.3069	2.7127	4.1300e-003		0.0948	0.0948		0.0873	0.0873		428.9923	428.9923	0.1294			431.7097
Total	0.1403	2.3069	2.7127	4.1300e-003		0.0948	0.0948		0.0873	0.0873		428.9923	428.9923	0.1294			431.7097

3.11 Fiber Optic/Copper Cable Removal - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003		159.5013
Total	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003		159.5013

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	428.9923	428.9923	0.1294		431.7097
Total	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	428.9923	428.9923	0.1294		431.7097

3.11 Fiber Optic/Copper Cable Removal - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003		159.5013
Total	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003		159.5013

3.12 Wet Crossing Installation (5) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.2406	23.3490	16.0174	0.0230		1.4020	1.4020		1.2914	1.2914		2,357.6929	2,357.6929	0.6987		2,372.3650
Total	2.2406	23.3490	16.0174	0.0230	0.0000	1.4020	1.4020	0.0000	1.2914	1.2914		2,357.6929	2,357.6929	0.6987		2,372.3650

3.12 Wet Crossing Installation (5) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0348	0.4952	0.4572	1.2500e-003	0.5259	7.2800e-003	0.5332	0.0576	6.6900e-003	0.0643		126.1816	126.1816	9.4000e-004		126.2015
Vendor	9.9000e-003	0.1219	0.0893	3.4000e-004	0.2347	2.7900e-003	0.2375	0.0261	2.5600e-003	0.0287		34.2256	34.2256	1.9000e-004		34.2296
Worker	0.0343	0.0466	0.4870	1.0800e-003	0.0912	7.6000e-004	0.0920	0.0242	7.0000e-004	0.0249		91.0392	91.0392	4.9700e-003		91.1436
Total	0.0790	0.6637	1.0335	2.6700e-003	0.8519	0.0108	0.8627	0.1079	9.9500e-003	0.1179		251.4464	251.4464	6.1000e-003		251.5747

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.9227	19.7788	16.7351	0.0230		0.6802	0.6802		0.6802	0.6802	0.0000	2,357.6929	2,357.6929	0.6987		2,372.3650
Total	0.9227	19.7788	16.7351	0.0230	0.0000	0.6802	0.6802	0.0000	0.6802	0.6802	0.0000	2,357.6929	2,357.6929	0.6987		2,372.3650

3.12 Wet Crossing Installation (5) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0348	0.4952	0.4572	1.2500e-003	0.1661	7.2800e-003	0.1733	0.0216	6.6900e-003	0.0283		126.1816	126.1816	9.4000e-004		126.2015
Vendor	9.9000e-003	0.1219	0.0893	3.4000e-004	0.0748	2.7900e-003	0.0776	0.0102	2.5600e-003	0.0127		34.2256	34.2256	1.9000e-004		34.2296
Worker	0.0343	0.0466	0.4870	1.0800e-003	0.0912	7.6000e-004	0.0920	0.0242	7.0000e-004	0.0249		91.0392	91.0392	4.9700e-003		91.1436
Total	0.0790	0.6637	1.0335	2.6700e-003	0.3321	0.0108	0.3429	0.0560	9.9500e-003	0.0660		251.4464	251.4464	6.1000e-003		251.5747

3.13 A-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1011	47.1829	24.5622	0.0510		2.2989	2.2989		2.1150	2.1150		5,296.3068	5,296.3068	1.5976		5,329.8554
Total	4.1011	47.1829	24.5622	0.0510		2.2989	2.2989		2.1150	2.1150		5,296.3068	5,296.3068	1.5976		5,329.8554

3.13 A-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1717	2.4437	2.2564	6.1900e-003	2.5953	0.0359	2.6312	0.2841	0.0330	0.3171		622.6895	622.6895	4.6600e-003		622.7874
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.2403	2.5369	3.2303	8.3600e-003	2.7778	0.0374	2.8152	0.3325	0.0344	0.3669		804.7678	804.7678	0.0146		805.0746

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5988	40.8356	31.6228	0.0510		1.1825	1.1825		1.1825	1.1825	0.0000	5,296.3068	5,296.3068	1.5976		5,329.8554
Total	1.5988	40.8356	31.6228	0.0510		1.1825	1.1825		1.1825	1.1825	0.0000	5,296.3068	5,296.3068	1.5976		5,329.8554

3.13 A-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1717	2.4437	2.2564	6.1900e-003	0.8194	0.0359	0.8553	0.1068	0.0330	0.1398		622.6895	622.6895	4.6600e-003		622.7874
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.2403	2.5369	3.2303	8.3600e-003	1.0019	0.0374	1.0393	0.1552	0.0344	0.1896		804.7678	804.7678	0.0146		805.0746

3.14 Vault Installation (29) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1679	35.2941	19.7542	0.0369		1.7333	1.7333		1.5946	1.5946		3,831.2223	3,831.2223	1.1556		3,855.4906
Total	3.1679	35.2941	19.7542	0.0369		1.7333	1.7333		1.5946	1.5946		3,831.2223	3,831.2223	1.1556		3,855.4906

3.14 Vault Installation (29) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2784	3.9616	3.6579	0.0100	4.2073	0.0582	4.2655	0.4605	0.0535	0.5140		1,009.4531	1,009.4531	7.5600e-003		1,009.6118
Vendor	0.0396	0.4876	0.3571	1.3700e-003	0.9389	0.0112	0.9500	0.1046	0.0103	0.1148		136.9024	136.9024	7.6000e-004		136.9185
Worker	0.0771	0.1049	1.0956	2.4400e-003	0.2053	1.7100e-003	0.2070	0.0545	1.5700e-003	0.0560		204.8381	204.8381	0.0112		205.0731
Total	0.3952	4.5540	5.1106	0.0138	5.3515	0.0711	5.4225	0.6195	0.0654	0.6849		1,351.1937	1,351.1937	0.0195		1,351.6034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1757	28.9835	23.0567	0.0369		0.8702	0.8702		0.8702	0.8702	0.0000	3,831.2223	3,831.2223	1.1556		3,855.4906
Total	1.1757	28.9835	23.0567	0.0369		0.8702	0.8702		0.8702	0.8702	0.0000	3,831.2223	3,831.2223	1.1556		3,855.4906

3.14 Vault Installation (29) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2784	3.9616	3.6579	0.0100	1.3284	0.0582	1.3866	0.1731	0.0535	0.2266		1,009.4531	1,009.4531	7.5600e-003		1,009.6118
Vendor	0.0396	0.4876	0.3571	1.3700e-003	0.2991	0.0112	0.3102	0.0407	0.0103	0.0510		136.9024	136.9024	7.6000e-004		136.9185
Worker	0.0771	0.1049	1.0956	2.4400e-003	0.2053	1.7100e-003	0.2070	0.0545	1.5700e-003	0.0560		204.8381	204.8381	0.0112		205.0731
Total	0.3952	4.5540	5.1106	0.0138	1.8328	0.0711	1.9038	0.2682	0.0654	0.3336		1,351.1937	1,351.1937	0.0195		1,351.6034

3.15 A-Guard Structure Installation (6) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.4209	61.3743	28.4532	0.0707		2.6120	2.6120		2.4397	2.4397		7,276.2734	7,276.2734	2.0741		7,319.8299
Total	5.4209	61.3743	28.4532	0.0707		2.6120	2.6120		2.4397	2.4397		7,276.2734	7,276.2734	2.0741		7,319.8299

3.15 A-Guard Structure Installation (6) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.4694	5.5800e-003	0.4750	0.0523	5.1300e-003	0.0574		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0343	0.0466	0.4870	1.0800e-003	0.0912	7.6000e-004	0.0920	0.0242	7.0000e-004	0.0249		91.0392	91.0392	4.9700e-003		91.1436
Total	0.0541	0.2904	0.6655	1.7600e-003	0.5607	6.3400e-003	0.5670	0.0765	5.8300e-003	0.0823		159.4904	159.4904	5.3500e-003		159.6028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8788	53.2706	38.6801	0.0707		1.4146	1.4146		1.4146	1.4146	0.0000	7,276.2734	7,276.2734	2.0741		7,319.8299
Total	1.8788	53.2706	38.6801	0.0707		1.4146	1.4146		1.4146	1.4146	0.0000	7,276.2734	7,276.2734	2.0741		7,319.8299

3.15 A-Guard Structure Installation (6) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.1496	5.5800e-003	0.1551	0.0204	5.1300e-003	0.0255		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0343	0.0466	0.4870	1.0800e-003	0.0912	7.6000e-004	0.0920	0.0242	7.0000e-004	0.0249		91.0392	91.0392	4.9700e-003		91.1436
Total	0.0541	0.2904	0.6655	1.7600e-003	0.2408	6.3400e-003	0.2471	0.0446	5.8300e-003	0.0504		159.4904	159.4904	5.3500e-003		159.6028

3.16 A-Shoo-fly Pole Haul (7) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6313	17.4715	8.8435	0.0195		0.8384	0.8384		0.7714	0.7714		2,025.9996	2,025.9996	0.6111		2,038.8329
Total	1.6313	17.4715	8.8435	0.0195		0.8384	0.8384		0.7714	0.7714		2,025.9996	2,025.9996	0.6111		2,038.8329

3.16 A-Shoo-fly Pole Haul (7) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.4694	5.5800e-003	0.4750	0.0523	5.1300e-003	0.0574		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0214	0.0291	0.3043	6.8000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		56.8995	56.8995	3.1100e-003		56.9648
Total	0.0412	0.2729	0.4829	1.3600e-003	0.5265	6.0600e-003	0.5325	0.0674	5.5700e-003	0.0730		125.3507	125.3507	3.4900e-003		125.4240

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	2,025.9996	2,025.9996	0.6111		2,038.8329
Total	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	2,025.9996	2,025.9996	0.6111		2,038.8329

3.16 A-Shoo-fly Pole Haul (7) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.1496	5.5800e-003	0.1551	0.0204	5.1300e-003	0.0255		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0214	0.0291	0.3043	6.8000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		56.8995	56.8995	3.1100e-003		56.9648
Total	0.0412	0.2729	0.4829	1.3600e-003	0.2066	6.0600e-003	0.2126	0.0355	5.5700e-003	0.0410		125.3507	125.3507	3.4900e-003		125.4240

3.17 A-Shoo-fly Pole Assembly (8) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6916	28.1830	13.1884	0.0285		1.3234	1.3234		1.2437	1.2437		2,910.4292	2,910.4292	0.7917		2,927.0549
Total	2.6916	28.1830	13.1884	0.0285		1.3234	1.3234		1.2437	1.2437		2,910.4292	2,910.4292	0.7917		2,927.0549

3.17 A-Shoo-fly Pole Assembly (8) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7654	19.9733	15.5235	0.0285		0.5805	0.5805		0.5805	0.5805	0.0000	2,910.4292	2,910.4292	0.7917		2,927.0549
Total	0.7654	19.9733	15.5235	0.0285		0.5805	0.5805		0.5805	0.5805	0.0000	2,910.4292	2,910.4292	0.7917		2,927.0549

3.17 A-Shoo-fly Pole Assembly (8) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872

3.18 A-Install Shoo-fly Pole (9) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.3027	62.9974	30.6991	0.0722		2.7304	2.7304		2.5120	2.5120		7,496.6920	7,496.6920	2.2613		7,544.1786
Total	5.3027	62.9974	30.6991	0.0722		2.7304	2.7304		2.5120	2.5120		7,496.6920	7,496.6920	2.2613		7,544.1786

3.18 A-Install Shoo-fly Pole (9) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.4694	5.5800e-003	0.4750	0.0523	5.1300e-003	0.0574		68.4512	68.4512	3.8000e-004			68.4592
Worker	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003			159.5013
Total	0.0798	0.3253	1.0307	2.5800e-003	0.6291	6.9100e-003	0.6360	0.0946	6.3500e-003	0.1010		227.7698	227.7698	9.0800e-003			227.9605

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.0398	56.6407	41.0761	0.0722		1.5525	1.5525		1.5525	1.5525	0.0000	7,496.6920	7,496.6920	2.2613			7,544.1786
Total	2.0398	56.6407	41.0761	0.0722		1.5525	1.5525		1.5525	1.5525	0.0000	7,496.6920	7,496.6920	2.2613			7,544.1786

3.18 A-Install Shoo-fly Pole (9) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.1496	5.5800e-003	0.1551	0.0204	5.1300e-003	0.0255		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003		159.5013
Total	0.0798	0.3253	1.0307	2.5800e-003	0.3092	6.9100e-003	0.3161	0.0627	6.3500e-003	0.0691		227.7698	227.7698	9.0800e-003		227.9605

3.19 Duct Bank Installation (30) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6807	32.4590	21.2298	0.0394		1.9726	1.9726		1.8966	1.8966		3,929.4023	3,929.4023	0.8562		3,947.3833
Total	3.6807	32.4590	21.2298	0.0394		1.9726	1.9726		1.8966	1.8966		3,929.4023	3,929.4023	0.8562		3,947.3833

3.19 Duct Bank Installation (30) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.2539	103.2214	95.3091	0.2614	109.6238	1.5166	111.1404	11.9986	1.3950	13.3935		26,301.8623	26,301.8623	0.1969		26,305.9966
Vendor	0.0297	0.3657	0.2678	1.0200e-003	0.7041	8.3600e-003	0.7125	0.0784	7.6900e-003	0.0861		102.6768	102.6768	5.7000e-004		102.6888
Worker	0.0771	0.1049	1.0956	2.4400e-003	0.2053	1.7100e-003	0.2070	0.0545	1.5700e-003	0.0560		204.8381	204.8381	0.0112		205.0731
Total	7.3608	103.6919	96.6725	0.2648	110.5332	1.5267	112.0599	12.1314	1.4042	13.5357		26,609.3773	26,609.3773	0.2086		26,613.7585

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3265	31.7901	23.5826	0.0394		1.0665	1.0665		1.0665	1.0665	0.0000	3,929.4023	3,929.4023	0.8562		3,947.3833
Total	1.3265	31.7901	23.5826	0.0394		1.0665	1.0665		1.0665	1.0665	0.0000	3,929.4023	3,929.4023	0.8562		3,947.3833

3.19 Duct Bank Installation (30) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.2539	103.2214	95.3091	0.2614	34.6114	1.5166	36.1280	4.5099	1.3950	5.9048		26,301.8623	26,301.8623	0.1969		26,305.9966
Vendor	0.0297	0.3657	0.2678	1.0200e-003	0.2243	8.3600e-003	0.2327	0.0305	7.6900e-003	0.0382		102.6768	102.6768	5.7000e-004		102.6888
Worker	0.0771	0.1049	1.0956	2.4400e-003	0.2053	1.7100e-003	0.2070	0.0545	1.5700e-003	0.0560		204.8381	204.8381	0.0112		205.0731
Total	7.3608	103.6919	96.6725	0.2648	35.0410	1.5267	36.5677	4.5948	1.4042	5.9990		26,609.3773	26,609.3773	0.2086		26,613.7585

3.20 A-Install Shoo-fly Conductor (10) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	14.6722	169.5844	77.0657	0.1617		7.6543	7.6543		7.0419	7.0419		16,804.3036	16,804.3036	5.0688		16,910.7478
Total	14.6722	169.5844	77.0657	0.1617		7.6543	7.6543		7.0419	7.0419		16,804.3036	16,804.3036	5.0688		16,910.7478

3.20 A-Install Shoo-fly Conductor (10) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.4694	5.5800e-003	0.4750	0.0523	5.1300e-003	0.0574		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0814	0.1107	1.1565	2.5700e-003	0.2167	1.8100e-003	0.2185	0.0575	1.6600e-003	0.0591		216.2180	216.2180	0.0118		216.4660
Total	0.1012	0.3545	1.3350	3.2500e-003	0.6861	7.3900e-003	0.6935	0.1098	6.7900e-003	0.1165		284.6692	284.6692	0.0122		284.9253

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.5652	122.7160	93.2062	0.1617		3.3916	3.3916		3.3916	3.3916	0.0000	16,804.3036	16,804.3036	5.0688		16,910.7478
Total	4.5652	122.7160	93.2062	0.1617		3.3916	3.3916		3.3916	3.3916	0.0000	16,804.3036	16,804.3036	5.0688		16,910.7478

3.20 A-Install Shoo-fly Conductor (10) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.1496	5.5800e-003	0.1551	0.0204	5.1300e-003	0.0255		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0814	0.1107	1.1565	2.5700e-003	0.2167	1.8100e-003	0.2185	0.0575	1.6600e-003	0.0591		216.2180	216.2180	0.0118		216.4660
Total	0.1012	0.3545	1.3350	3.2500e-003	0.3663	7.3900e-003	0.3736	0.0778	6.7900e-003	0.0846		284.6692	284.6692	0.0122		284.9253

3.21 Splicing & Testing - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9331	8.0135	5.2763	6.3200e-003		0.6753	0.6753		0.6213	0.6213		657.2716	657.2716	0.1983		661.4350
Total	0.9331	8.0135	5.2763	6.3200e-003		0.6753	0.6753		0.6213	0.6213		657.2716	657.2716	0.1983		661.4350

3.21 Splicing & Testing - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0300	0.0408	0.4261	9.5000e-004	0.0798	6.7000e-004	0.0805	0.0212	6.1000e-004	0.0218		79.6593	79.6593	4.3500e-003		79.7507
Total	0.0300	0.0408	0.4261	9.5000e-004	0.0798	6.7000e-004	0.0805	0.0212	6.1000e-004	0.0218		79.6593	79.6593	4.3500e-003		79.7507

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	657.2716	657.2716	0.1983		661.4350
Total	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	657.2716	657.2716	0.1983		661.4350

3.21 Splicing & Testing - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0300	0.0408	0.4261	9.5000e-004	0.0798	6.7000e-004	0.0805	0.0212	6.1000e-004	0.0218		79.6593	79.6593	4.3500e-003		79.7507
Total	0.0300	0.0408	0.4261	9.5000e-004	0.0798	6.7000e-004	0.0805	0.0212	6.1000e-004	0.0218		79.6593	79.6593	4.3500e-003		79.7507

3.22 A-TSP Haul (22) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6175	30.6280	12.2871	0.0277		1.2860	1.2860		1.1831	1.1831		2,881.0251	2,881.0251	0.8690		2,899.2746
Total	2.6175	30.6280	12.2871	0.0277		1.2860	1.2860		1.1831	1.1831		2,881.0251	2,881.0251	0.8690		2,899.2746

3.22 A-TSP Haul (22) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.4694	5.5800e-003	0.4750	0.0523	5.1300e-003	0.0574		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0214	0.0291	0.3043	6.8000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		56.8995	56.8995	3.1100e-003		56.9648
Total	0.0412	0.2729	0.4829	1.3600e-003	0.5265	6.0600e-003	0.5325	0.0674	5.5700e-003	0.0730		125.3507	125.3507	3.4900e-003		125.4240

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6796	18.0639	14.7235	0.0277		0.4983	0.4983		0.4983	0.4983	0.0000	2,881.0251	2,881.0251	0.8690		2,899.2746
Total	0.6796	18.0639	14.7235	0.0277		0.4983	0.4983		0.4983	0.4983	0.0000	2,881.0251	2,881.0251	0.8690		2,899.2746

3.22 A-TSP Haul (22) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.1496	5.5800e-003	0.1551	0.0204	5.1300e-003	0.0255		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0214	0.0291	0.3043	6.8000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		56.8995	56.8995	3.1100e-003		56.9648
Total	0.0412	0.2729	0.4829	1.3600e-003	0.2066	6.0600e-003	0.2126	0.0355	5.5700e-003	0.0410		125.3507	125.3507	3.4900e-003		125.4240

3.23 A-TSP Assembly (23) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772
Total	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772

3.23 A-TSP Assembly (23) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912		3,316.0772
Total	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912		3,316.0772

3.23 A-TSP Assembly (23) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872

3.24 A-Remove Existing Conductor & GW (11) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.6239	67.9621	31.9960	0.0632		2.9580	2.9580		2.7214	2.7214		6,571.1831	6,571.1831	1.9821		6,612.8072
Total	5.6239	67.9621	31.9960	0.0632		2.9580	2.9580		2.7214	2.7214		6,571.1831	6,571.1831	1.9821		6,612.8072

3.24 A-Remove Existing Conductor & GW (11) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0594	0.7313	0.5356	2.0500e-003	1.4083	0.0167	1.4250	0.1568	0.0154	0.1722		205.3536	205.3536	1.1500e-003		205.3777
Worker	0.1371	0.1864	1.9478	4.3300e-003	0.3650	3.0500e-003	0.3680	0.0968	2.8000e-003	0.0996		364.1567	364.1567	0.0199		364.5744
Total	0.1965	0.9177	2.4834	6.3800e-003	1.7733	0.0198	1.7930	0.2536	0.0182	0.2718		569.5103	569.5103	0.0210		569.9521

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9070	48.0826	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,571.1831	6,571.1831	1.9821		6,612.8072
Total	1.9070	48.0826	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,571.1831	6,571.1831	1.9821		6,612.8072

3.24 A-Remove Existing Conductor & GW (11) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0594	0.7313	0.5356	2.0500e-003	0.4486	0.0167	0.4654	0.0610	0.0154	0.0764		205.3536	205.3536	1.1500e-003		205.3777
Worker	0.1371	0.1864	1.9478	4.3300e-003	0.3650	3.0500e-003	0.3680	0.0968	2.8000e-003	0.0996		364.1567	364.1567	0.0199		364.5744
Total	0.1965	0.9177	2.4834	6.3800e-003	0.8136	0.0198	0.8334	0.1578	0.0182	0.1760		569.5103	569.5103	0.0210		569.9521

3.25 A-TSP Erection (24) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772
Total	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772

3.25 A-TSP Erection (24) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912		3,316.0772
Total	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912		3,316.0772

3.25 A-TSP Erection (24) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872

3.26 A-Install/Transfer Conductor (25) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	12.7317	145.1006	72.0403	0.1246		7.2317	7.2317		6.6531	6.6531		12,950.3786	12,950.3786	3.9063		13,032.4108
Total	12.7317	145.1006	72.0403	0.1246		7.2317	7.2317		6.6531	6.6531		12,950.3786	12,950.3786	3.9063		13,032.4108

3.26 A-Install/Transfer Conductor (25) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0297	0.3657	0.2678	1.0200e-003	0.7041	8.3600e-003	0.7125	0.0784	7.6900e-003	0.0861		102.6768	102.6768	5.7000e-004			102.6888
Worker	0.1457	0.1981	2.0695	4.6000e-003	0.3878	3.2400e-003	0.3910	0.1028	2.9700e-003	0.1058		386.9165	386.9165	0.0211			387.3603
Total	0.1754	0.5637	2.3373	5.6200e-003	1.0919	0.0116	1.1035	0.1813	0.0107	0.1919		489.5933	489.5933	0.0217			490.0491

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	4.0759	96.4789	80.1513	0.1246		2.9661	2.9661		2.9661	2.9661	0.0000	12,950.3786	12,950.3786	3.9063			13,032.4108
Total	4.0759	96.4789	80.1513	0.1246		2.9661	2.9661		2.9661	2.9661	0.0000	12,950.3786	12,950.3786	3.9063			13,032.4108

3.26 A-Install/Transfer Conductor (25) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.3657	0.2678	1.0200e-003	0.2243	8.3600e-003	0.2327	0.0305	7.6900e-003	0.0382		102.6768	102.6768	5.7000e-004		102.6888
Worker	0.1457	0.1981	2.0695	4.6000e-003	0.3878	3.2400e-003	0.3910	0.1028	2.9700e-003	0.1058		386.9165	386.9165	0.0211		387.3603
Total	0.1754	0.5637	2.3373	5.6200e-003	0.6121	0.0116	0.6237	0.1334	0.0107	0.1440		489.5933	489.5933	0.0217		490.0491

3.27 A-LST Removal (12) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.5657	47.0670	21.5517	0.0433		2.3285	2.3285		2.1947	2.1947		4,405.4201	4,405.4201	1.1565		4,429.7056
Total	4.5657	47.0670	21.5517	0.0433		2.3285	2.3285		2.1947	2.1947		4,405.4201	4,405.4201	1.1565		4,429.7056

3.27 A-LST Removal (12) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0309	0.4402	0.4064	1.1100e-003	0.4675	6.4700e-003	0.4740	0.0512	5.9500e-003	0.0571		112.1615	112.1615	8.4000e-004		112.1791
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.4694	5.5800e-003	0.4750	0.0523	5.1300e-003	0.0574		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003		159.5013
Total	0.1107	0.7655	1.4371	3.6900e-003	1.0966	0.0134	1.1100	0.1458	0.0123	0.1581		339.9312	339.9312	9.9200e-003		340.1396

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1980	28.5871	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,405.4201	4,405.4201	1.1565		4,429.7056
Total	1.1980	28.5871	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,405.4201	4,405.4201	1.1565		4,429.7056

3.27 A-LST Removal (12) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0309	0.4402	0.4064	1.1100e-003	0.1476	6.4700e-003	0.1541	0.0192	5.9500e-003	0.0252		112.1615	112.1615	8.4000e-004		112.1791
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.1496	5.5800e-003	0.1551	0.0204	5.1300e-003	0.0255		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0600	0.0816	0.8522	1.9000e-003	0.1597	1.3300e-003	0.1610	0.0424	1.2200e-003	0.0436		159.3186	159.3186	8.7000e-003		159.5013
Total	0.1107	0.7655	1.4371	3.6900e-003	0.4568	0.0134	0.4702	0.0819	0.0123	0.0942		339.9312	339.9312	9.9200e-003		340.1396

3.28 Install Underground Cable (31) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3668	39.3308	20.1156	0.0414		1.6856	1.6856		1.5508	1.5508		4,302.7377	4,302.7377	1.2979		4,329.9928
Total	3.3668	39.3308	20.1156	0.0414		1.6856	1.6856		1.5508	1.5508		4,302.7377	4,302.7377	1.2979		4,329.9928

3.28 Install Underground Cable (31) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	8.5700e-003	0.0117	0.1217	2.7000e-004	0.0228	1.9000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		22.7598	22.7598	1.2400e-003		22.7859
Total	8.5700e-003	0.0117	0.1217	2.7000e-004	0.0228	1.9000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		22.7598	22.7598	1.2400e-003		22.7859

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2203	32.0252	24.6928	0.0414		0.8967	0.8967		0.8967	0.8967	0.0000	4,302.7377	4,302.7377	1.2979		4,329.9928
Total	1.2203	32.0252	24.6928	0.0414		0.8967	0.8967		0.8967	0.8967	0.0000	4,302.7377	4,302.7377	1.2979		4,329.9928

3.28 Install Underground Cable (31) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	8.5700e-003	0.0117	0.1217	2.7000e-004	0.0228	1.9000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		22.7598	22.7598	1.2400e-003			22.7859
Total	8.5700e-003	0.0117	0.1217	2.7000e-004	0.0228	1.9000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		22.7598	22.7598	1.2400e-003			22.7859

3.29 A-LST Foundation Removal (13) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	3.7423	35.1485	22.9143	0.0408		2.0662	2.0662		1.9533	1.9533		4,143.3066	4,143.3066	1.0774			4,165.9319
Total	3.7423	35.1485	22.9143	0.0408		2.0662	2.0662		1.9533	1.9533		4,143.3066	4,143.3066	1.0774			4,165.9319

3.29 A-LST Foundation Removal (13) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0284	0.4035	0.3726	1.0200e-003	0.4285	5.9300e-003	0.4345	0.0469	5.4500e-003	0.0524		102.8147	102.8147	7.7000e-004		102.8308
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0429	0.0583	0.6087	1.3500e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		113.7990	113.7990	6.2200e-003		113.9295
Total	0.0712	0.4618	0.9813	2.3700e-003	0.5426	6.8800e-003	0.5495	0.0772	6.3200e-003	0.0835		216.6136	216.6136	6.9900e-003		216.7603

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0408		1.0894	1.0894		1.0894	1.0894	0.0000	4,143.3066	4,143.3066	1.0774		4,165.9318
Total	1.4036	33.7179	25.6974	0.0408		1.0894	1.0894		1.0894	1.0894	0.0000	4,143.3066	4,143.3066	1.0774		4,165.9318

3.29 A-LST Foundation Removal (13) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0284	0.4035	0.3726	1.0200e-003	0.1353	5.9300e-003	0.1412	0.0176	5.4500e-003	0.0231		102.8147	102.8147	7.7000e-004		102.8308
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0429	0.0583	0.6087	1.3500e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		113.7990	113.7990	6.2200e-003		113.9295
Total	0.0712	0.4618	0.9813	2.3700e-003	0.2494	6.8800e-003	0.2562	0.0479	6.3200e-003	0.0542		216.6136	216.6136	6.9900e-003		216.7603

3.30 A-TSP Removal (14) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6657	36.4025	17.8207	0.0362		1.8446	1.8446		1.7495	1.7495		3,672.6266	3,672.6266	0.9354		3,692.2704
Total	3.6657	36.4025	17.8207	0.0362		1.8446	1.8446		1.7495	1.7495		3,672.6266	3,672.6266	0.9354		3,692.2704

3.30 A-TSP Removal (14) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0246	25.2349	20.0802	0.0362		0.7899	0.7899		0.7899	0.7899	0.0000	3,672.6266	3,672.6266	0.9354		3,692.2704
Total	1.0246	25.2349	20.0802	0.0362		0.7899	0.7899		0.7899	0.7899	0.0000	3,672.6266	3,672.6266	0.9354		3,692.2704

3.30 A-TSP Removal (14) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872

3.31 Civil Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	12.2594	136.4242	80.4367	0.1590		7.0389	7.0389		6.4936	6.4936		16,475.9385	16,475.9385	4.8900		16,578.6276
Total	12.2594	136.4242	80.4367	0.1590		7.0389	7.0389		6.4936	6.4936		16,475.9385	16,475.9385	4.8900		16,578.6276

3.31 Civil Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5156	7.3363	6.7739	0.0186	7.7913	0.1078	7.8991	0.8528	0.0991	0.9519		1,869.3577	1,869.3577	0.0140		1,869.6515
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2743	0.3728	3.8956	8.6600e-003	0.7300	6.0900e-003	0.7361	0.1936	5.6000e-003	0.1992		728.3134	728.3134	0.0398		729.1488
Total	0.7898	7.7091	10.6695	0.0272	8.5213	0.1139	8.6352	1.0464	0.1047	1.1511		2,597.6710	2,597.6710	0.0538		2,598.8003

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.2735	134.2022	99.6919	0.1590		4.0551	4.0551		4.0551	4.0551	0.0000	16,475.9385	16,475.9385	4.8900		16,578.6276
Total	5.2735	134.2022	99.6919	0.1590		4.0551	4.0551		4.0551	4.0551	0.0000	16,475.9385	16,475.9385	4.8900		16,578.6276

3.31 Civil Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5156	7.3363	6.7739	0.0186	2.4599	0.1078	2.5677	0.3205	0.0991	0.4197		1,869.3577	1,869.3577	0.0140		1,869.6515
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2743	0.3728	3.8956	8.6600e-003	0.7300	6.0900e-003	0.7361	0.1936	5.6000e-003	0.1992		728.3134	728.3134	0.0398		729.1488
Total	0.7898	7.7091	10.6695	0.0272	3.1899	0.1139	3.3038	0.5141	0.1047	0.6189		2,597.6710	2,597.6710	0.0538		2,598.8003

3.32 MEER Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.6613	45.6577	31.3773	0.0511		2.8269	2.8269		2.6592	2.6592		5,184.4938	5,184.4938	1.2877		5,211.5350
Total	4.6613	45.6577	31.3773	0.0511		2.8269	2.8269		2.6592	2.6592		5,184.4938	5,184.4938	1.2877		5,211.5350

3.32 MEER Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0109	0.1546	0.1427	3.9000e-004	0.1642	2.2700e-003	0.1665	0.0180	2.0900e-003	0.0201		39.3900	39.3900	2.9000e-004			39.3962
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.2400	0.3262	3.4086	7.5800e-003	0.6387	5.3300e-003	0.6440	0.1694	4.9000e-003	0.1743		637.2742	637.2742	0.0348			638.0052
Total	0.2508	0.4808	3.5514	7.9700e-003	0.8029	7.6000e-003	0.8105	0.1874	6.9900e-003	0.1944		676.6643	676.6643	0.0351			677.4014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.9802	43.4184	33.6853	0.0511		1.6198	1.6198		1.6198	1.6198	0.0000	5,184.4938	5,184.4938	1.2877			5,211.5350
Total	1.9802	43.4184	33.6853	0.0511		1.6198	1.6198		1.6198	1.6198	0.0000	5,184.4938	5,184.4938	1.2877			5,211.5350

3.32 MEER Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0109	0.1546	0.1427	3.9000e-004	0.0518	2.2700e-003	0.0541	6.7500e-003	2.0900e-003	8.8400e-003		39.3900	39.3900	2.9000e-004		39.3962
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2400	0.3262	3.4086	7.5800e-003	0.6387	5.3300e-003	0.6440	0.1694	4.9000e-003	0.1743		637.2742	637.2742	0.0348		638.0052
Total	0.2508	0.4808	3.5514	7.9700e-003	0.6905	7.6000e-003	0.6982	0.1761	6.9900e-003	0.1831		676.6643	676.6643	0.0351		677.4014

3.33 Control Building Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.7026	38.4056	25.6726	0.0413		2.3187	2.3187		2.1510	2.1510		4,249.9420	4,249.9420	1.2022		4,275.1874
Total	3.7026	38.4056	25.6726	0.0413		2.3187	2.3187		2.1510	2.1510		4,249.9420	4,249.9420	1.2022		4,275.1874

3.33 Control Building Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.3400e-003	0.0760	0.0702	1.9000e-004	0.0807	1.1200e-003	0.0818	8.8300e-003	1.0300e-003	9.8600e-003		19.3612	19.3612	1.4000e-004		19.3643
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2400	0.3262	3.4086	7.5800e-003	0.6387	5.3300e-003	0.6440	0.1694	4.9000e-003	0.1743		637.2742	637.2742	0.0348		638.0052
Total	0.2453	0.4022	3.4788	7.7700e-003	0.7194	6.4500e-003	0.7259	0.1782	5.9300e-003	0.1842		656.6354	656.6354	0.0350		657.3694

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6020	35.6071	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,249.9420	4,249.9420	1.2022		4,275.1874
Total	1.6020	35.6071	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,249.9420	4,249.9420	1.2022		4,275.1874

3.33 Control Building Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.3400e-003	0.0760	0.0702	1.9000e-004	0.0255	1.1200e-003	0.0266	3.3200e-003	1.0300e-003	4.3500e-003		19.3612	19.3612	1.4000e-004		19.3643
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2400	0.3262	3.4086	7.5800e-003	0.6387	5.3300e-003	0.6440	0.1694	4.9000e-003	0.1743		637.2742	637.2742	0.0348		638.0052
Total	0.2453	0.4022	3.4788	7.7700e-003	0.6642	6.4500e-003	0.6706	0.1727	5.9300e-003	0.1786		656.6354	656.6354	0.0350		657.3694

3.34 Test & Maintenance Building Phase 1 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.7026	38.4056	25.6726	0.0413		2.3187	2.3187		2.1510	2.1510		4,249.9420	4,249.9420	1.2022		4,275.1874
Total	3.7026	38.4056	25.6726	0.0413		2.3187	2.3187		2.1510	2.1510		4,249.9420	4,249.9420	1.2022		4,275.1874

3.34 Test & Maintenance Building Phase 1 - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.4400e-003	0.0917	0.0847	2.3000e-004	0.0974	1.3500e-003	0.0987	0.0107	1.2400e-003	0.0119		23.3670	23.3670	1.7000e-004		23.3706
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2400	0.3262	3.4086	7.5800e-003	0.6387	5.3300e-003	0.6440	0.1694	4.9000e-003	0.1743		637.2742	637.2742	0.0348		638.0052
Total	0.2464	0.4179	3.4933	7.8100e-003	0.7361	6.6800e-003	0.7428	0.1801	6.1400e-003	0.1862		660.6412	660.6412	0.0350		661.3758

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6020	35.6071	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,249.9420	4,249.9420	1.2022		4,275.1874
Total	1.6020	35.6071	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,249.9420	4,249.9420	1.2022		4,275.1874

3.34 Test & Maintenance Building Phase 1 - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.4400e-003	0.0917	0.0847	2.3000e-004	0.0308	1.3500e-003	0.0321	4.0100e-003	1.2400e-003	5.2500e-003		23.3670	23.3670	1.7000e-004		23.3706
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2400	0.3262	3.4086	7.5800e-003	0.6387	5.3300e-003	0.6440	0.1694	4.9000e-003	0.1743		637.2742	637.2742	0.0348		638.0052
Total	0.2464	0.4179	3.4933	7.8100e-003	0.6695	6.6800e-003	0.6761	0.1734	6.1400e-003	0.1795		660.6412	660.6412	0.0350		661.3758

3.35 A-TSP Foundation Removal (15) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.7423	35.1485	22.9143	0.0408		2.0662	2.0662		1.9533	1.9533		4,143.3066	4,143.3066	1.0774		4,165.9319
Total	3.7423	35.1485	22.9143	0.0408		2.0662	2.0662		1.9533	1.9533		4,143.3066	4,143.3066	1.0774		4,165.9319

3.35 A-TSP Foundation Removal (15) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4743	6.7494	6.2320	0.0171	7.1680	0.0992	7.2672	0.7846	0.0912	0.8758		1,719.8091	1,719.8091	0.0129		1,720.0794
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0429	0.0583	0.6087	1.3500e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		113.7990	113.7990	6.2200e-003		113.9295
Total	0.5172	6.8076	6.8407	0.0184	7.2821	0.1001	7.3822	0.8148	0.0921	0.9069		1,833.6080	1,833.6080	0.0191		1,834.0089

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0408		1.0894	1.0894		1.0894	1.0894	0.0000	4,143.3066	4,143.3066	1.0774		4,165.9318
Total	1.4036	33.7179	25.6974	0.0408		1.0894	1.0894		1.0894	1.0894	0.0000	4,143.3066	4,143.3066	1.0774		4,165.9318

3.35 A-TSP Foundation Removal (15) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4743	6.7494	6.2320	0.0171	2.2632	0.0992	2.3623	0.2949	0.0912	0.3861		1,719.809 1	1,719.809 1	0.0129		1,720.079 4
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0429	0.0583	0.6087	1.3500e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		113.7990	113.7990	6.2200e-003		113.9295
Total	0.5172	6.8076	6.8407	0.0184	2.3772	0.1001	2.4773	0.3251	0.0921	0.4172		1,833.608 0	1,833.608 0	0.0191		1,834.008 9

3.36 A-Install LST Foundations (17) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.5425	64.6057	30.0897	0.0749		2.7645	2.7645		2.5475	2.5475		7,698.378 2	7,698.378 2	2.2871		7,746.407 9
Total	5.5425	64.6057	30.0897	0.0749		2.7645	2.7645		2.5475	2.5475		7,698.378 2	7,698.378 2	2.2871		7,746.407 9

3.36 A-Install LST Foundations (17) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7133	10.1500	9.3719	0.0257	10.7795	0.1491	10.9286	1.1798	0.1372	1.3170		2,586.3113	2,586.3113	0.0194		2,586.7178
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.7819	10.2432	10.3458	0.0279	10.9620	0.1507	11.1127	1.2282	0.1386	1.3668		2,768.3897	2,768.3897	0.0293		2,769.0050

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9533	56.3664	40.2906	0.0749		1.4693	1.4693		1.4693	1.4693	0.0000	7,698.3782	7,698.3782	2.2871		7,746.4079
Total	1.9533	56.3664	40.2906	0.0749		1.4693	1.4693		1.4693	1.4693	0.0000	7,698.3782	7,698.3782	2.2871		7,746.4079

3.36 A-Install LST Foundations (17) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7133	10.1500	9.3719	0.0257	3.4034	0.1491	3.5525	0.4435	0.1372	0.5806		2,586.3113	2,586.3113	0.0194		2,586.7178
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.7819	10.2432	10.3458	0.0279	3.5859	0.1507	3.7365	0.4919	0.1386	0.6304		2,768.3897	2,768.3897	0.0293		2,769.0050

3.37 Fencing Phase 1 Block Wall - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3536	12.0376	9.2285	0.0133		0.8877	0.8877		0.8381	0.8381		1,334.5897	1,334.5897	0.3068		1,341.0333
Total	1.3536	12.0376	9.2285	0.0133		0.8877	0.8877		0.8381	0.8381		1,334.5897	1,334.5897	0.3068		1,341.0333

3.37 Fencing Phase 1 Block Wall - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0186	0.2647	0.2445	6.7000e-004	0.2812	3.8900e-003	0.2851	0.0308	3.5800e-003	0.0344		67.4594	67.4594	5.0000e-004		67.4700
Vendor	9.9000e-003	0.1219	0.0893	3.4000e-004	0.2347	2.7900e-003	0.2375	0.0261	2.5600e-003	0.0287		34.2256	34.2256	1.9000e-004		34.2296
Worker	0.0729	0.0990	1.0348	2.3000e-003	0.1939	1.6200e-003	0.1955	0.0514	1.4900e-003	0.0529		193.4582	193.4582	0.0106		193.6801
Total	0.1014	0.4857	1.3685	3.3100e-003	0.7098	8.3000e-003	0.7181	0.1083	7.6300e-003	0.1160		295.1433	295.1433	0.0113		295.3798

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5814	12.0078	9.3534	0.0133		0.4854	0.4854		0.4854	0.4854	0.0000	1,334.5897	1,334.5897	0.3068		1,341.0333
Total	0.5814	12.0078	9.3534	0.0133		0.4854	0.4854		0.4854	0.4854	0.0000	1,334.5897	1,334.5897	0.3068		1,341.0333

3.37 Fencing Phase 1 Block Wall - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0186	0.2647	0.2445	6.7000e-004	0.0888	3.8900e-003	0.0927	0.0116	3.5800e-003	0.0151		67.4594	67.4594	5.0000e-004		67.4700
Vendor	9.9000e-003	0.1219	0.0893	3.4000e-004	0.0748	2.7900e-003	0.0776	0.0102	2.5600e-003	0.0127		34.2256	34.2256	1.9000e-004		34.2296
Worker	0.0729	0.0990	1.0348	2.3000e-003	0.1939	1.6200e-003	0.1955	0.0514	1.4900e-003	0.0529		193.4582	193.4582	0.0106		193.6801
Total	0.1014	0.4857	1.3685	3.3100e-003	0.3574	8.3000e-003	0.3657	0.0732	7.6300e-003	0.0808		295.1433	295.1433	0.0113		295.3798

3.38 B-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.3365	63.3136	29.0105	0.0724		2.7126	2.7126		2.4956	2.4956		7,521.5708	7,521.5708	2.2688		7,569.2150
Total	5.3365	63.3136	29.0105	0.0724		2.7126	2.7126		2.4956	2.4956		7,521.5708	7,521.5708	2.2688		7,569.2150

3.38 B-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1423	2.0248	1.8696	5.1300e-003	2.1504	0.0298	2.1802	0.2354	0.0274	0.2627		515.9427	515.9427	3.8600e-003		516.0238
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.2109	2.1180	2.8435	7.3000e-003	2.3329	0.0313	2.3642	0.2838	0.0288	0.3125		698.0211	698.0211	0.0138		698.3110

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9533	56.3664	40.2906	0.0724		1.4693	1.4693		1.4693	1.4693	0.0000	7,521.5707	7,521.5707	2.2688		7,569.2150
Total	1.9533	56.3664	40.2906	0.0724		1.4693	1.4693		1.4693	1.4693	0.0000	7,521.5707	7,521.5707	2.2688		7,569.2150

3.38 B-Install TSP Foundations (21) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1423	2.0248	1.8696	5.1300e-003	0.6789	0.0298	0.7087	0.0885	0.0274	0.1158		515.9427	515.9427	3.8600e-003		516.0238
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.2109	2.1180	2.8435	7.3000e-003	0.8614	0.0313	0.8927	0.1369	0.0288	0.1656		698.0211	698.0211	0.0138		698.3110

3.39 A-LST Steel Haul (18) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6313	17.4715	8.8435	0.0195		0.8384	0.8384		0.7714	0.7714		2,025.9996	2,025.9996	0.6111		2,038.8329
Total	1.6313	17.4715	8.8435	0.0195		0.8384	0.8384		0.7714	0.7714		2,025.9996	2,025.9996	0.6111		2,038.8329

3.39 A-LST Steel Haul (18) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.4694	5.5800e-003	0.4750	0.0523	5.1300e-003	0.0574		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0214	0.0291	0.3043	6.8000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		56.8995	56.8995	3.1100e-003		56.9648
Total	0.0412	0.2729	0.4829	1.3600e-003	0.5265	6.0600e-003	0.5325	0.0674	5.5700e-003	0.0730		125.3507	125.3507	3.4900e-003		125.4240

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	2,025.9996	2,025.9996	0.6111		2,038.8329
Total	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	2,025.9996	2,025.9996	0.6111		2,038.8329

3.39 A-LST Steel Haul (18) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.1496	5.5800e-003	0.1551	0.0204	5.1300e-003	0.0255		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0214	0.0291	0.3043	6.8000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		56.8995	56.8995	3.1100e-003		56.9648
Total	0.0412	0.2729	0.4829	1.3600e-003	0.2066	6.0600e-003	0.2126	0.0355	5.5700e-003	0.0410		125.3507	125.3507	3.4900e-003		125.4240

3.40 A-LST Steel Assembly (19) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0569	30.2823	14.0682	0.0237		1.7124	1.7124		1.6121	1.6121		2,400.0624	2,400.0624	0.6033		2,412.7313
Total	3.0569	30.2823	14.0682	0.0237		1.7124	1.7124		1.6121	1.6121		2,400.0624	2,400.0624	0.6033		2,412.7313

3.40 A-LST Steel Assembly (19) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1029	0.1398	1.4608	3.2500e-003	0.2737	2.2800e-003	0.2760	0.0726	2.1000e-003	0.0747		273.1175	273.1175	0.0149		273.4308
Total	0.1029	0.1398	1.4608	3.2500e-003	0.2737	2.2800e-003	0.2760	0.0726	2.1000e-003	0.0747		273.1175	273.1175	0.0149		273.4308

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7389	14.8030	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,400.0624	2,400.0624	0.6033		2,412.7313
Total	0.7389	14.8030	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,400.0624	2,400.0624	0.6033		2,412.7313

3.40 A-LST Steel Assembly (19) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1029	0.1398	1.4608	3.2500e-003	0.2737	2.2800e-003	0.2760	0.0726	2.1000e-003	0.0747		273.1175	273.1175	0.0149		273.4308
Total	0.1029	0.1398	1.4608	3.2500e-003	0.2737	2.2800e-003	0.2760	0.0726	2.1000e-003	0.0747		273.1175	273.1175	0.0149		273.4308

3.41 B-TSP Haul (22) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7839	32.3683	13.8390	0.0334		1.3027	1.3027		1.1985	1.1985		3,466.4825	3,466.4825	1.0456		3,488.4404
Total	2.7839	32.3683	13.8390	0.0334		1.3027	1.3027		1.1985	1.1985		3,466.4825	3,466.4825	1.0456		3,488.4404

3.41 B-TSP Haul (22) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.4694	5.5800e-003	0.4750	0.0523	5.1300e-003	0.0574		68.4512	68.4512	3.8000e-004			68.4592
Worker	0.0214	0.0291	0.3043	6.8000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		56.8995	56.8995	3.1100e-003			56.9648
Total	0.0412	0.2729	0.4829	1.3600e-003	0.5265	6.0600e-003	0.5325	0.0674	5.5700e-003	0.0730		125.3507	125.3507	3.4900e-003			125.4240

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.8168	23.6728	17.6970	0.0334		0.5990	0.5990		0.5990	0.5990	0.0000	3,466.4825	3,466.4825	1.0456			3,488.4404
Total	0.8168	23.6728	17.6970	0.0334		0.5990	0.5990		0.5990	0.5990	0.0000	3,466.4825	3,466.4825	1.0456			3,488.4404

3.41 B-TSP Haul (22) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.2438	0.1785	6.8000e-004	0.1496	5.5800e-003	0.1551	0.0204	5.1300e-003	0.0255		68.4512	68.4512	3.8000e-004		68.4592
Worker	0.0214	0.0291	0.3043	6.8000e-004	0.0570	4.8000e-004	0.0575	0.0151	4.4000e-004	0.0156		56.8995	56.8995	3.1100e-003		56.9648
Total	0.0412	0.2729	0.4829	1.3600e-003	0.2066	6.0600e-003	0.2126	0.0355	5.5700e-003	0.0410		125.3507	125.3507	3.4900e-003		125.4240

3.42 Splice Underground Cable (32) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3548	27.1298	12.6349	0.0329		1.0235	1.0235		0.9416	0.9416		3,417.1113	3,417.1113	1.0307		3,438.7565
Total	2.3548	27.1298	12.6349	0.0329		1.0235	1.0235		0.9416	0.9416		3,417.1113	3,417.1113	1.0307		3,438.7565

3.42 Splice Underground Cable (32) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0429	0.0583	0.6087	1.3500e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		113.7990	113.7990	6.2200e-003			113.9295
Total	0.0429	0.0583	0.6087	1.3500e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		113.7990	113.7990	6.2200e-003			113.9295

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8043	25.4008	17.4253	0.0329		0.5898	0.5898		0.5898	0.5898	0.0000	3,417.1113	3,417.1113	1.0307		3,438.7565
Total	0.8043	25.4008	17.4253	0.0329		0.5898	0.5898		0.5898	0.5898	0.0000	3,417.1113	3,417.1113	1.0307		3,438.7565

3.42 Splice Underground Cable (32) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0429	0.0583	0.6087	1.3500e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		113.7990	113.7990	6.2200e-003		113.9295
Total	0.0429	0.0583	0.6087	1.3500e-003	0.1141	9.5000e-004	0.1150	0.0303	8.7000e-004	0.0311		113.7990	113.7990	6.2200e-003		113.9295

3.43 B-TSP Assembly (23) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772
Total	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772

3.43 B-TSP Assembly (23) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003			182.2872
Total	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003			182.2872

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912			3,316.0772
Total	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912			3,316.0772

3.43 B-TSP Assembly (23) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872

3.44 B-TSP Erection (24) 220 kV & 66 kV - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772
Total	3.1744	33.2396	15.3088	0.0323		1.5825	1.5825		1.4873	1.4873		3,297.3626	3,297.3626	0.8912		3,316.0772

3.44 B-TSP Erection (24) 220 kV & 66 kV - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912		3,316.0772
Total	0.8727	22.0983	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,297.3626	3,297.3626	0.8912		3,316.0772

3.44 B-TSP Erection (24) 220 kV & 66 kV - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872
Total	0.0686	0.0932	0.9739	2.1700e-003	0.1825	1.5200e-003	0.1840	0.0484	1.4000e-003	0.0498		182.0784	182.0784	9.9500e-003		182.2872

3.45 B-Install/Transfer Conductor (25) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	11.8006	134.1316	66.1910	0.1173		6.8950	6.8950		6.3434	6.3434		12,193.5363	12,193.5363	3.6780		12,270.7744
Total	11.8006	134.1316	66.1910	0.1173		6.8950	6.8950		6.3434	6.3434		12,193.5363	12,193.5363	3.6780		12,270.7744

3.45 B-Install/Transfer Conductor (25) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.3657	0.2678	1.0200e-003	0.7041	8.3600e-003	0.7125	0.0784	7.6900e-003	0.0861		102.6768	102.6768	5.7000e-004		102.6888
Worker	0.1457	0.1981	2.0695	4.6000e-003	0.3878	3.2400e-003	0.3910	0.1028	2.9700e-003	0.1058		386.9165	386.9165	0.0211		387.3603
Total	0.1754	0.5637	2.3373	5.6200e-003	1.0919	0.0116	1.1035	0.1813	0.0107	0.1919		489.5933	489.5933	0.0217		490.0491

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6579	90.4027	70.8612	0.1173		2.8051	2.8051		2.8051	2.8051	0.0000	12,193.5363	12,193.5363	3.6780		12,270.7744
Total	3.6579	90.4027	70.8612	0.1173		2.8051	2.8051		2.8051	2.8051	0.0000	12,193.5363	12,193.5363	3.6780		12,270.7744

3.45 B-Install/Transfer Conductor (25) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.3657	0.2678	1.0200e-003	0.2243	8.3600e-003	0.2327	0.0305	7.6900e-003	0.0382		102.6768	102.6768	5.7000e-004		102.6888
Worker	0.1457	0.1981	2.0695	4.6000e-003	0.3878	3.2400e-003	0.3910	0.1028	2.9700e-003	0.1058		386.9165	386.9165	0.0211		387.3603
Total	0.1754	0.5637	2.3373	5.6200e-003	0.6121	0.0116	0.6237	0.1334	0.0107	0.1440		489.5933	489.5933	0.0217		490.0491

3.46 A-LST Erection (20) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.5944	68.0606	31.8735	0.0665		3.2960	3.2960		3.1057	3.1057		6,782.3571	6,782.3571	1.8045		6,820.2510
Total	6.5944	68.0606	31.8735	0.0665		3.2960	3.2960		3.1057	3.1057		6,782.3571	6,782.3571	1.8045		6,820.2510

3.46 A-LST Erection (20) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.1200	0.1631	1.7043	3.7900e-003	0.3194	2.6600e-003	0.3220	0.0847	2.4500e-003	0.0871		318.6371	318.6371	0.0174			319.0026
Total	0.1200	0.1631	1.7043	3.7900e-003	0.3194	2.6600e-003	0.3220	0.0847	2.4500e-003	0.0871		318.6371	318.6371	0.0174			319.0026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.8213	45.7649	36.4955	0.0665		1.3896	1.3896		1.3896	1.3896	0.0000	6,782.3571	6,782.3571	1.8045			6,820.2510
Total	1.8213	45.7649	36.4955	0.0665		1.3896	1.3896		1.3896	1.3896	0.0000	6,782.3571	6,782.3571	1.8045			6,820.2510

3.46 A-LST Erection (20) - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1200	0.1631	1.7043	3.7900e-003	0.3194	2.6600e-003	0.3220	0.0847	2.4500e-003	0.0871		318.6371	318.6371	0.0174		319.0026
Total	0.1200	0.1631	1.7043	3.7900e-003	0.3194	2.6600e-003	0.3220	0.0847	2.4500e-003	0.0871		318.6371	318.6371	0.0174		319.0026

3.47 B-Remove Existing Conductor & GW (11) - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.6239	67.9621	31.9960	0.0632		2.9580	2.9580		2.7214	2.7214		6,571.1831	6,571.1831	1.9821		6,612.8072
Total	5.6239	67.9621	31.9960	0.0632		2.9580	2.9580		2.7214	2.7214		6,571.1831	6,571.1831	1.9821		6,612.8072

3.47 B-Remove Existing Conductor & GW (11) - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0594	0.7313	0.5356	2.0500e-003	1.4083	0.0167	1.4250	0.1568	0.0154	0.1722		205.3536	205.3536	1.1500e-003		205.3777
Worker	0.1371	0.1864	1.9478	4.3300e-003	0.3650	3.0500e-003	0.3680	0.0968	2.8000e-003	0.0996		364.1567	364.1567	0.0199		364.5744
Total	0.1965	0.9177	2.4834	6.3800e-003	1.7733	0.0198	1.7930	0.2536	0.0182	0.2718		569.5103	569.5103	0.0210		569.9521

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9070	48.0826	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,571.1831	6,571.1831	1.9821		6,612.8072
Total	1.9070	48.0826	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,571.1831	6,571.1831	1.9821		6,612.8072

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507717	0.059700	0.181648	0.140055	0.042936	0.006749	0.016265	0.033349	0.001955	0.002502	0.004345	0.000573	0.002206

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

6.0 Area Detail

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

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

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Survey (1)	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
Test & Maintenance Building Phase 1	0.53	0.07	-0.07	0.00	0.44	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vault Installation (29)	0.56	0.16	-0.13	0.00	0.48	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wet Crossing Installation (5)	0.57	0.15	-0.04	0.00	0.51	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wood Pole Replacement & Transfer of Facilities	0.60	0.20	-0.44	0.00	0.44	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Aerial Lifts	Diesel	Tier 2	34	34	No Change	0.00
Air Compressors	Diesel	Tier 2	28	28	No Change	0.00
Bore/Drill Rigs	Diesel	Tier 2	15	15	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 2	5	5	No Change	0.00
Concrete/Industrial Saws	Diesel	Tier 2	2	2	No Change	0.00
Cranes	Diesel	Tier 3	60	60	No Change	0.00
Crawler Tractors	Diesel	Tier 2	16	16	No Change	0.00
Excavators	Diesel	Tier 2	10	10	No Change	0.00
Forklifts	Diesel	Tier 2	21	21	No Change	0.00
Generator Sets	Diesel	Tier 2	1	1	No Change	0.00
Graders	Diesel	Tier 2	8	8	No Change	0.00
Off-Highway Trucks	Diesel	Tier 2	63	63	No Change	0.00
Other Construction Equipment	Diesel	Tier 2	15	15	No Change	0.00
Other General Industrial Equipment	Diesel	Tier 2	16	16	No Change	0.00
Plate Compactors	Diesel	Tier 2	2	2	No Change	0.00
Scrapers	Diesel	Tier 2	6	6	No Change	0.00
Skid Steer Loaders	Diesel	Tier 2	11	11	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 2	53	53	No Change	0.00
Pumps	Diesel	Tier 2	5	5	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr						Unmitigated mt/yr						
Aerial Lifts	7.11900E-002	1.17077E+000	1.37671E+000	2.10000E-003	4.81300E-002	4.42800E-002	0.00000E+000	1.97506E+002	1.97506E+002	5.95700E-002	0.00000E+000	1.98758E+002
Air Compressors	1.36880E-001	8.81280E-001	6.99880E-001	1.10000E-003	7.30400E-002	7.30400E-002	0.00000E+000	9.48534E+001	9.48534E+001	1.11800E-002	0.00000E+000	9.50882E+001
Bore/Drill Rigs	1.56290E-001	2.35563E+000	9.19640E-001	3.93000E-003	6.91500E-002	6.36200E-002	0.00000E+000	3.69747E+002	3.69747E+002	1.11530E-001	0.00000E+000	3.72089E+002
Cement and Mortar Mixers	2.04000E-003	1.28300E-002	1.07200E-002	2.00000E-005	5.20000E-004	5.20000E-004	0.00000E+000	1.59251E+000	1.59251E+000	1.70000E-004	0.00000E+000	1.59598E+000
Concrete/Industrial Saws	2.39200E-002	1.71010E-001	1.39680E-001	2.30000E-004	1.28500E-002	1.28500E-002	0.00000E+000	1.98933E+001	1.98933E+001	1.93000E-003	0.00000E+000	1.99338E+001
Cranes	7.87790E-001	9.33457E+000	3.26578E+000	6.17000E-003	4.23570E-001	3.89680E-001	0.00000E+000	5.81881E+002	5.81881E+002	1.75520E-001	0.00000E+000	5.85567E+002
Crawler Tractors	4.66220E-001	6.28299E+000	1.87317E+000	5.07000E-003	2.42270E-001	2.22880E-001	0.00000E+000	4.78192E+002	4.78192E+002	1.44240E-001	0.00000E+000	4.81221E+002
Excavators	8.15700E-002	9.31030E-001	7.20400E-001	1.11000E-003	4.58100E-002	4.21500E-002	0.00000E+000	1.04827E+002	1.04827E+002	3.16200E-002	0.00000E+000	1.05491E+002
Forklifts	1.18970E-001	1.02402E+000	6.62130E-001	8.00000E-004	8.56300E-002	7.87800E-002	0.00000E+000	7.54868E+001	7.54868E+001	2.27700E-002	0.00000E+000	7.59650E+001
Generator Sets	4.02700E-002	3.04590E-001	2.39600E-001	4.10000E-004	2.13400E-002	2.13400E-002	0.00000E+000	3.56081E+001	3.56081E+001	3.26000E-003	0.00000E+000	3.56765E+001
Graders	6.50970E-001	6.63276E+000	3.14868E+000	3.99000E-003	3.72620E-001	3.42810E-001	0.00000E+000	3.76455E+002	3.76455E+002	1.13550E-001	0.00000E+000	3.78840E+002
Off-Highway Trucks	1.74339E+000	2.00243E+001	9.42448E+000	2.42200E-002	7.61730E-001	7.00790E-001	0.00000E+000	2.28239E+003	2.28239E+003	6.88450E-001	0.00000E+000	2.29684E+003
Other Construction Equipment	1.88940E-001	2.21630E+000	1.26549E+000	2.11000E-003	1.05110E-001	9.67000E-002	0.00000E+000	1.99214E+002	1.99214E+002	6.00900E-002	0.00000E+000	2.00476E+002
Other General Industrial Equipment	3.22740E-001	3.07432E+000	2.05649E+000	2.69000E-003	2.14400E-001	1.97250E-001	0.00000E+000	2.53404E+002	2.53404E+002	7.64400E-002	0.00000E+000	2.55009E+002
Plate Compactors	7.80000E-004	4.87000E-003	4.08000E-003	1.00000E-005	1.90000E-004	1.90000E-004	0.00000E+000	6.06030E-001	6.06030E-001	6.00000E-005	0.00000E+000	6.07360E-001
Pumps	8.75200E-002	6.42500E-001	5.05480E-001	8.60000E-004	4.66300E-002	4.66300E-002	0.00000E+000	7.39715E+001	7.39715E+001	7.16000E-003	0.00000E+000	7.41219E+001
Scrapers	1.36692E+000	1.73977E+001	1.08975E+001	1.47200E-002	7.01240E-001	6.45140E-001	0.00000E+000	1.38805E+003	1.38805E+003	4.18690E-001	0.00000E+000	1.39685E+003
Skid Steer Loaders	6.48100E-002	8.38620E-001	7.89570E-001	1.16000E-003	4.68400E-002	4.30900E-002	0.00000E+000	1.08981E+002	1.08981E+002	3.28700E-002	0.00000E+000	1.09671E+002
Tractors/Loaders/Backhoes	7.16970E-001	6.85245E+000	5.07897E+000	6.55000E-003	5.27600E-001	4.85390E-001	0.00000E+000	6.18151E+002	6.18151E+002	1.86460E-001	0.00000E+000	6.22067E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Aerial Lifts	9.89200E-002	2.04290E+000	1.59131E+000	2.10000E-003	8.25800E-002	8.25800E-002	0.00000E+000	1.97506E+002	1.97506E+002	5.95700E-002	0.00000E+000	1.98757E+002
Air Compressors	4.23200E-002	8.73920E-001	6.80740E-001	1.10000E-003	3.53200E-002	3.53200E-002	0.00000E+000	9.48533E+001	9.48533E+001	1.11800E-002	0.00000E+000	9.50881E+001
Bore/Drill Rigs	9.74000E-002	3.36854E+000	2.11041E+000	3.93000E-003	7.14300E-002	7.14300E-002	0.00000E+000	3.69747E+002	3.69747E+002	1.11530E-001	0.00000E+000	3.72089E+002
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	2.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	1.59251E+000	1.59251E+000	1.70000E-004	0.00000E+000	1.59598E+000
Concrete/Industrial Saws	8.87000E-003	1.83290E-001	1.42770E-001	2.30000E-004	7.41000E-003	7.41000E-003	0.00000E+000	1.98933E+001	1.98933E+001	1.93000E-003	0.00000E+000	1.99337E+001
Cranes	1.51770E-001	2.93417E+000	3.28829E+000	6.17000E-003	1.11300E-001	1.11300E-001	0.00000E+000	5.81880E+002	5.81880E+002	1.75520E-001	0.00000E+000	5.85566E+002
Crawler Tractors	1.24670E-001	4.31163E+000	2.70126E+000	5.07000E-003	9.14300E-002	9.14300E-002	0.00000E+000	4.78191E+002	4.78191E+002	1.44240E-001	0.00000E+000	4.81220E+002
Excavators	4.33500E-002	9.51340E-001	8.44120E-001	1.11000E-003	2.92000E-002	2.92000E-002	0.00000E+000	1.04826E+002	1.04826E+002	3.16200E-002	0.00000E+000	1.05490E+002
Forklifts	3.78500E-002	7.81760E-001	6.08950E-001	8.00000E-004	3.16000E-002	3.16000E-002	0.00000E+000	7.54867E+001	7.54867E+001	2.27700E-002	0.00000E+000	7.59649E+001
Generator Sets	1.58900E-002	3.28070E-001	2.55550E-001	4.10000E-004	1.32600E-002	1.32600E-002	0.00000E+000	3.56080E+001	3.56080E+001	3.26000E-003	0.00000E+000	3.56765E+001
Graders	1.52760E-001	3.35269E+000	2.97481E+000	3.99000E-003	1.02910E-001	1.02910E-001	0.00000E+000	3.76455E+002	3.76455E+002	1.13550E-001	0.00000E+000	3.78840E+002
Off-Highway Trucks	5.97590E-001	1.87343E+001	1.29160E+001	2.42200E-002	4.37370E-001	4.37370E-001	0.00000E+000	2.28238E+003	2.28238E+003	6.88450E-001	0.00000E+000	2.29684E+003
Other Construction Equipment	6.99700E-002	1.74109E+000	1.40937E+000	2.11000E-003	4.84100E-002	4.84100E-002	0.00000E+000	1.99213E+002	1.99213E+002	6.00900E-002	0.00000E+000	2.00475E+002
Other General Industrial Equipment	1.15320E-001	2.45476E+000	2.04653E+000	2.69000E-003	8.71600E-002	8.71600E-002	0.00000E+000	2.53404E+002	2.53404E+002	7.64400E-002	0.00000E+000	2.55009E+002
Plate Compactors	0.00000E+000	0.00000E+000	0.00000E+000	1.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	6.06030E-001	6.06030E-001	6.00000E-005	0.00000E+000	6.07350E-001
Pumps	3.30000E-002	6.81530E-001	5.30880E-001	8.60000E-004	2.75500E-002	2.75500E-002	0.00000E+000	7.39714E+001	7.39714E+001	7.16000E-003	0.00000E+000	7.41218E+001
Scrapers	3.62610E-001	1.14524E+001	7.85655E+000	1.47200E-002	2.65910E-001	2.65910E-001	0.00000E+000	1.38805E+003	1.38805E+003	4.18690E-001	0.00000E+000	1.39684E+003
Skid Steer Loaders	5.45700E-002	1.12705E+000	8.77910E-001	1.16000E-003	4.55600E-002	4.55600E-002	0.00000E+000	1.08981E+002	1.08981E+002	3.28700E-002	0.00000E+000	1.09671E+002
Tractors/Loaders/Balckhoes	3.06490E-001	6.32962E+000	4.93044E+000	6.55000E-003	2.55850E-001	2.55850E-001	0.00000E+000	6.18150E+002	6.18150E+002	1.86460E-001	0.00000E+000	6.22066E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Aerial Lifts	-3.89521E-001	-7.44920E-001	-1.55879E-001	0.00000E+000	-7.15770E-001	-8.64950E-001	0.00000E+000	1.16452E-006	1.16452E-006	0.00000E+000	0.00000E+000	1.20750E-006
Air Compressors	6.90824E-001	8.35149E-003	2.73475E-002	0.00000E+000	5.16429E-001	5.16429E-001	0.00000E+000	1.26511E-006	1.26511E-006	0.00000E+000	0.00000E+000	1.26199E-006
Bore/Drill Rigs	3.76800E-001	-4.29995E-001	-1.29482E+000	0.00000E+000	-3.29718E-002	-1.22760E-001	0.00000E+000	1.19000E-006	1.19000E-006	0.00000E+000	0.00000E+000	1.20939E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	6.29181E-001	-7.18087E-002	-2.21220E-002	0.00000E+000	4.23346E-001	4.23346E-001	0.00000E+000	1.00536E-006	1.00536E-006	0.00000E+000	0.00000E+000	1.00332E-006
Cranes	8.07347E-001	6.85666E-001	-6.89269E-003	0.00000E+000	7.37234E-001	7.14381E-001	0.00000E+000	1.18581E-006	1.18581E-006	0.00000E+000	0.00000E+000	1.19542E-006
Crawler Tractors	7.32594E-001	3.13761E-001	-4.42079E-001	0.00000E+000	6.22611E-001	5.89779E-001	0.00000E+000	1.19199E-006	1.19199E-006	0.00000E+000	0.00000E+000	1.18449E-006
Excavators	4.68555E-001	-2.18145E-002	-1.71738E-001	0.00000E+000	3.62585E-001	3.07236E-001	0.00000E+000	1.14475E-006	1.14475E-006	0.00000E+000	0.00000E+000	1.13754E-006
Forklifts	6.81853E-001	2.36577E-001	8.03166E-002	0.00000E+000	6.30970E-001	5.98883E-001	0.00000E+000	1.19226E-006	1.19226E-006	0.00000E+000	0.00000E+000	1.18476E-006
Generator Sets	6.05413E-001	-7.70872E-002	-6.65693E-002	0.00000E+000	3.78632E-001	3.78632E-001	0.00000E+000	1.12334E-006	1.12334E-006	0.00000E+000	0.00000E+000	1.12119E-006
Graders	7.65335E-001	4.94526E-001	5.52200E-002	0.00000E+000	7.23821E-001	6.99805E-001	0.00000E+000	1.19536E-006	1.19536E-006	0.00000E+000	0.00000E+000	1.18784E-006
Off-Highway Trucks	6.57225E-001	6.44219E-002	-3.70476E-001	0.00000E+000	4.25820E-001	3.75890E-001	0.00000E+000	1.19173E-006	1.19173E-006	0.00000E+000	0.00000E+000	1.18859E-006
Other Construction Equipment	6.29671E-001	2.14416E-001	-1.13695E-001	0.00000E+000	5.39435E-001	4.99380E-001	0.00000E+000	1.20474E-006	1.20474E-006	0.00000E+000	0.00000E+000	1.19715E-006
Other General Industrial Equipment	6.42685E-001	2.01527E-001	4.84320E-003	0.00000E+000	5.93470E-001	5.58124E-001	0.00000E+000	1.18388E-006	1.18388E-006	0.00000E+000	0.00000E+000	1.21564E-006
Plate Compactors	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.64647E-005
Pumps	6.22943E-001	-6.07471E-002	-5.02493E-002	0.00000E+000	4.09179E-001	4.09179E-001	0.00000E+000	1.21668E-006	1.21668E-006	0.00000E+000	0.00000E+000	1.07930E-006
Scrapers	7.34725E-001	3.41728E-001	2.79047E-001	0.00000E+000	6.20800E-001	5.87826E-001	0.00000E+000	1.18872E-006	1.18872E-006	0.00000E+000	0.00000E+000	1.18839E-006
Skid Steer Loaders	1.58000E-001	-3.43934E-001	-1.11884E-001	0.00000E+000	2.73271E-002	-5.73219E-002	0.00000E+000	1.19287E-006	1.19287E-006	0.00000E+000	0.00000E+000	1.18536E-006
Tractors/Loaders/Balckhoes	5.72520E-001	7.62983E-002	2.92441E-002	0.00000E+000	5.15068E-001	4.72898E-001	0.00000E+000	1.18094E-006	1.18094E-006	0.00000E+000	0.00000E+000	1.18958E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input	Mitigation Input	Mitigation Input
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	55.00	PM2.5 Reduction	55.00	
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00	
Yes	Water Exposed Area	PM10 Reduction	55.00	PM2.5 Reduction	55.00	Frequency (per day) 2.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	15.00	
Yes	Clean Paved Road	% PM Reduction	0.00			

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
A-Guard Structure Installation (6)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-Guard Structure Installation (6)	Roads	0.01	0.00	0.00	0.00	0.56	0.41
A-Install LST Foundations (17)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-Install LST Foundations (17)	Roads	0.09	0.01	0.03	0.00	0.67	0.59
A-Install Shoo-fly Conductor (10)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-Install Shoo-fly Conductor (10)	Roads	0.00	0.00	0.00	0.00	0.45	0.28
A-Install Shoo-fly Pole (9)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-Install Shoo-fly Pole (9)	Roads	0.00	0.00	0.00	0.00	0.50	0.31
A-Install TSP Foundations (21) 220 kV & 66 kV	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-Install TSP Foundations (21) 220 kV & 66 kV	Roads	0.04	0.00	0.01	0.00	0.63	0.52
A-Install/Transfer Conductor (25)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-Install/Transfer Conductor (25)	Roads	0.05	0.01	0.03	0.01	0.43	0.25

A-LST Erection (20)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-LST Erection (20)	Roads	0.00	0.00	0.00	0.00	0.00	0.00
A-LST Foundation Removal (13)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-LST Foundation Removal (13)	Roads	0.00	0.00	0.00	0.00	0.53	0.36
A-LST Removal (12)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-LST Removal (12)	Roads	0.00	0.00	0.00	0.00	0.57	0.43
A-LST Steel Assembly (19)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-LST Steel Assembly (19)	Roads	0.01	0.00	0.01	0.00	0.00	0.00
A-LST Steel Haul (18)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-LST Steel Haul (18)	Roads	0.00	0.00	0.00	0.00	0.60	0.44
A-Remove Existing Conductor & GW (11)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-Remove Existing Conductor & GW (11)	Roads	0.01	0.00	0.01	0.00	0.53	0.36
A-Shoo-fly Pole Assembly (8)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-Shoo-fly Pole Assembly (8)	Roads	0.00	0.00	0.00	0.00	0.00	0.00
A-Shoo-fly Pole Haul (7)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-Shoo-fly Pole Haul (7)	Roads	0.00	0.00	0.00	0.00	0.60	0.47
A-TSP Assembly (23) 220 kV & 66 kV	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-TSP Assembly (23) 220 kV & 66 kV	Roads	0.00	0.00	0.00	0.00	0.00	0.00
A-TSP Erection (24) 220 kV & 66 kV	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-TSP Erection (24) 220 kV & 66 kV	Roads	0.00	0.00	0.00	0.00	0.00	0.00
A-TSP Foundation Removal (15) 220 kV & 66 kV	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-TSP Foundation Removal (15) 220 kV & 66 kV	Roads	0.01	0.00	0.00	0.00	0.67	0.59
A-TSP Haul (22) 220 kV & 66 kV	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-TSP Haul (22) 220 kV & 66 kV	Roads	0.00	0.00	0.00	0.00	0.60	0.46

A-TSP Removal (14) 220 kV & 66 kV	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
A-TSP Removal (14) 220 kV & 66 kV	Roads	0.00	0.00	0.00	0.00	0.00	0.00
B-Install TSP Foundations (21) 220 kV & 66 kV	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
B-Install TSP Foundations (21) 220 kV & 66 kV	Roads	0.01	0.00	0.00	0.00	0.63	0.50
B-Install/Transfer Conductor (25)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
B-Install/Transfer Conductor (25)	Roads	0.03	0.00	0.02	0.00	0.43	0.25
B-Remove Existing Conductor & GW (11)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
B-Remove Existing Conductor & GW (11)	Roads	0.01	0.00	0.00	0.00	0.53	0.36
B-TSP Assembly (23) 220 kV & 66 kV	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
B-TSP Assembly (23) 220 kV & 66 kV	Roads	0.00	0.00	0.00	0.00	0.00	0.00
B-TSP Erection (24) 220 kV & 66 kV	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
B-TSP Erection (24) 220 kV & 66 kV	Roads	0.00	0.00	0.00	0.00	0.00	0.00
B-TSP Haul (22) 220 kV & 66 kV	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
B-TSP Haul (22) 220 kV & 66 kV	Roads	0.00	0.00	0.00	0.00	0.59	0.50
Civil Installation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Civil Installation	Roads	0.05	0.01	0.02	0.00	0.51	0.34
Civil Phase 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Civil Phase 1	Roads	0.33	0.04	0.13	0.02	0.62	0.50
Construction and Materials Yard (2)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Construction and Materials Yard (2)	Roads	0.02	0.00	0.01	0.00	0.54	0.38
Control Building Phase 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Control Building Phase 1	Roads	0.03	0.01	0.03	0.01	0.07	0.03
Duct Bank Installation (30)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Duct Bank Installation (30)	Roads	1.88	0.21	0.60	0.08	0.68	0.61

Fencing Phase 1 Block Wall	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fencing Phase 1 Block Wall	Roads	0.02	0.00	0.01	0.00	0.49	0.31
Fiber Optic Cable Installation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic Cable Installation	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Fiber Optic/Copper Cable Removal	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/Copper Cable Removal	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Grading Phase 1	Fugitive Dust	0.02	0.00	0.01	0.00	0.55	0.55
Grading Phase 1	Roads	1.05	0.12	0.35	0.05	0.66	0.57
Install Underground Cable (31)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Install Underground Cable (31)	Roads	0.00	0.00	0.00	0.00	0.00	0.00
MEER Phase 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
MEER Phase 1	Roads	0.03	0.01	0.03	0.01	0.13	0.06
R/W Clearing (3)	Fugitive Dust	0.02	0.00	0.01	0.00	0.55	0.55
R/W Clearing (3)	Roads	0.01	0.00	0.00	0.00	0.57	0.42
Roads & Landing Work (4)	Fugitive Dust	0.02	0.00	0.01	0.00	0.55	0.55
Roads & Landing Work (4)	Roads	0.01	0.00	0.00	0.00	0.50	0.32
Splice Underground Cable (32)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Splice Underground Cable (32)	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Splicing & Testing	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Splicing & Testing	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Survey	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Survey	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Survey (1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Survey (1)	Roads	0.01	0.00	0.01	0.00	0.00	0.00

Test & Maintenance Building Phase 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Test & Maintenance Building Phase 1	Roads	0.03	0.01	0.03	0.01	0.09	0.03	
Vault Installation (29)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00	
Vault Installation (29)	Roads	0.04	0.00	0.01	0.00	0.65	0.56	
Wet Crossing Installation (5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00	
Wet Crossing Installation (5)	Roads	0.00	0.00	0.00	0.00	0.60	0.46	
Wood Pole Replacement & Transfer of Facilities	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00	
Wood Pole Replacement & Transfer of Facilities	Roads	0.01	0.00	0.01	0.00	0.00	0.00	

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				

No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		
No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	100.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	

No	Water Efficient Landscape		
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Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Mesa 500 kV Substation Project
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Equipment list and Calendar provided by SCE.

Land Use -

Construction Phase - Construction schedule provided by SCE.

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Trips and VMT - Equipment list and schedule provided by SCE. All trips assumed to be 15 miles.

On-road Fugitive Dust - Paved areas base on project design compare to trip distance.

Grading - Details taken from Chapter 3 - Project Description

Road Dust -

Energy Use -

Construction Off-road Equipment Mitigation - Mitigation equipment based on equipment list provided by SCE

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	35.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	48.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	39.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
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tblConstEquipMitigation	Tier	No Change	Tier 2
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tblConstructionPhase	NumDays	0.00	59.00

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2.0 Emissions Summary

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Survey	Site Preparation	1/1/2017	12/31/2017	6	312	
2	Survey (1)	Site Preparation	1/1/2017	12/31/2017	6	312	
3	MEER Phase 1	Site Preparation	1/1/2017	4/5/2017	6	81	
4	Fencing Phase 1 Block Wall	Site Preparation	1/1/2017	1/13/2017	6	11	
5	Grading Phase 1	Grading	1/1/2017	1/13/2017	6	11	
6	Civil Installation	Grading	1/1/2017	12/31/2017	6	312	
7	Civil Phase 1	Grading	1/1/2017	5/5/2017	6	107	
8	Construction and Materials Yard (2)	Building Construction	1/1/2017	12/31/2017	6	312	
9	Wood Pole Replacement & Transfer of Facilities	Building Construction	1/1/2017	6/30/2017	6	155	
10	Fiber Optic Cable Installation	Building Construction	1/1/2017	12/31/2017	6	312	
11	Fiber Optic/Copper Cable Removal	Building Construction	1/1/2017	6/30/2017	6	155	
12	Splicing & Testing	Building Construction	1/1/2017	12/31/2017	6	312	
13	Control Building Phase 1	Building Construction	1/1/2017	7/14/2017	6	167	
14	Test & Maintenance Building Phase 1	Building Construction	1/1/2017	6/2/2017	6	131	
15	A-Install/Transfer Conductor (25)	Building Construction	1/1/2017	2/6/2017	6	31	
16	A-LST Steel Assembly (19)	Building Construction	1/1/2017	1/17/2017	6	14	
17	B-Install/Transfer Conductor (25)	Building Construction	1/1/2017	1/23/2017	6	19	
18	B-Remove Existing Conductor & GW (11)	Building Construction	1/1/2017	3/10/2017	6	59	
19	A-Remove Shoo-fly Conductor & GW (27)	Building Construction	1/23/2017	2/10/2017	6	17	
20	A-Shoo-fly Pole Removal (26)	Building Construction	2/10/2017	2/14/2017	6	4	
21	A-Guard Structure Removal (28)	Building Construction	2/14/2017	3/6/2017	6	18	
22	B-LST Removal (12)	Building Construction	3/10/2017	3/16/2017	6	6	

23	B-LST Foundation Removal (13)	Building Construction	3/17/2017	3/23/2017	6	6
24	B-TSP Removal (14)	Building Construction	3/17/2017	3/18/2017	6	2
25	66 kV Pole Removal (16)	Building Construction	3/18/2017	4/6/2017	6	17
26	B-TSP Foundation Removal (15)	Building Construction	3/23/2017	3/27/2017	6	4
27	Testing Phase 1	Site Preparation	6/4/2017	12/31/2017	6	180
28	Install Underground Cable (30)	Building Construction	7/1/2017	12/31/2017	6	157
29	Splice Underground Cable (31)	Building Construction	7/1/2017	12/31/2017	6	157
30	B-Guard Structure Installation (6)	Building Construction	9/5/2017	9/8/2017	6	4
31	C-Remove Existing Conductor & GW (11)	Building Construction	9/8/2017	9/27/2017	6	17
32	C-LST Removal (12)	Building Construction	9/27/2017	10/4/2017	6	7
33	C-LST Foundation Removal (13)	Building Construction	10/4/2017	10/11/2017	6	7
34	C-TSP Removal (14)	Building Construction	10/4/2017	10/5/2017	6	2
35	C-TSP Foundation Removal (15)	Building Construction	10/12/2017	10/12/2017	6	1
36	Maintenance Crew Equipment Check Phase 1	Site Preparation	12/18/2017	12/31/2017	6	12
37	Asphalting Phase 1	Paving	12/18/2017	12/31/2017	6	12

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Survey	Graders	0	0.00	174	0.41
Survey	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Survey (1)	Graders	0	0.00	174	0.41
Survey (1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37

MEER Phase 1	Aerial Lifts	2	10.00	62	0.31
MEER Phase 1	Cranes	1	5.00	226	0.29
MEER Phase 1	Forklifts	3	5.00	89	0.20
MEER Phase 1	Generator Sets	1	12.00	84	0.74
MEER Phase 1	Graders	0	0.00	174	0.41
MEER Phase 1	Off-Highway Trucks	2	3.00	400	0.38
MEER Phase 1	Pumps	1	5.00	84	0.74
MEER Phase 1	Skid Steer Loaders	2	10.00	64	0.37
MEER Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
MEER Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Fencing Phase 1 Block Wall	Forklifts	1	10.00	89	0.20
Fencing Phase 1 Block Wall	Graders	0	0.00	174	0.41
Fencing Phase 1 Block Wall	Pumps	1	6.00	84	0.74
Fencing Phase 1 Block Wall	Skid Steer Loaders	1	10.00	64	0.37
Fencing Phase 1 Block Wall	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Grading Phase 1	Concrete/Industrial Saws	0	0.00	81	0.73
Grading Phase 1	Crawler Tractors	2	10.00	208	0.43
Grading Phase 1	Graders	2	10.00	174	0.41
Grading Phase 1	Off-Highway Trucks	4	10.00	400	0.38
Grading Phase 1	Rubber Tired Dozers	0	0.00	255	0.40
Grading Phase 1	Scrapers	4	10.00	361	0.48
Grading Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation	Air Compressors	1	10.00	78	0.48
Civil Installation	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Installation	Graders	2	10.00	174	0.41
Civil Installation	Off-Highway Trucks	2	10.00	400	0.38
Civil Installation	Rubber Tired Dozers	0	0.00	255	0.40
Civil Installation	Scrapers	2	10.00	361	0.48

Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Phase 1	Bore/Drill Rigs	3	10.00	205	0.50
Civil Phase 1	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Phase 1	Cranes	2	5.00	226	0.29
Civil Phase 1	Excavators	3	10.00	162	0.38
Civil Phase 1	Forklifts	4	6.00	89	0.20
Civil Phase 1	Off-Highway Trucks	3	10.00	400	0.38
Civil Phase 1	Pumps	1	5.00	84	0.74
Civil Phase 1	Rubber Tired Dozers	0	0.00	255	0.40
Civil Phase 1	Skid Steer Loaders	4	10.00	64	0.37
Civil Phase 1	Tractors/Loaders/Backhoes	6	10.00	97	0.37
Civil Phase 1	Tractors/Loaders/Backhoes	3	10.00	97	0.37
Construction and Materials Yard (2)	Cranes	1	5.00	226	0.29
Construction and Materials Yard (2)	Forklifts	1	5.00	89	0.20
Construction and Materials Yard (2)	Off-Highway Trucks	1	10.00	400	0.38
Construction and Materials Yard (2)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Wood Pole Replacement & Transfer of Facilities	Aerial Lifts	2	10.00	62	0.31
Wood Pole Replacement & Transfer of Facilities	Bore/Drill Rigs	2	10.00	205	0.50
Wood Pole Replacement & Transfer of Facilities	Cranes	2	10.00	226	0.29
Wood Pole Replacement & Transfer of Facilities	Forklifts	0	0.00	89	0.20
Wood Pole Replacement & Transfer of Facilities	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Fiber Optic Cable Installation	Aerial Lifts	2	10.00	62	0.31
Fiber Optic Cable Installation	Cranes	0	0.00	226	0.29
Fiber Optic Cable Installation	Forklifts	0	0.00	89	0.20
Fiber Optic Cable Installation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Fiber Optic/Copper Cable Removal	Aerial Lifts	2	10.00	62	0.31

Fiber Optic/Copper Cable Removal	Cranes	0	0.00	226	0.29
Fiber Optic/Copper Cable Removal	Forklifts	0	0.00	89	0.20
Fiber Optic/Copper Cable Removal	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Splicing & Testing	Cranes	0	0.00	226	0.29
Splicing & Testing	Forklifts	0	0.00	89	0.20
Splicing & Testing	Other General Industrial Equipment	2	10.00	87	0.34
Splicing & Testing	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Control Building Phase 1	Aerial Lifts	2	10.00	62	0.31
Control Building Phase 1	Cranes	1	5.00	226	0.29
Control Building Phase 1	Forklifts	3	5.00	89	0.20
Control Building Phase 1	Off-Highway Trucks	2	3.00	400	0.38
Control Building Phase 1	Pumps	1	5.00	84	0.74
Control Building Phase 1	Skid Steer Loaders	2	10.00	64	0.37
Control Building Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Control Building Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Test & Maintenance Building Phase 1	Aerial Lifts	2	10.00	62	0.31
Test & Maintenance Building Phase 1	Cranes	1	5.00	226	0.29
Test & Maintenance Building Phase 1	Forklifts	3	5.00	89	0.20
Test & Maintenance Building Phase 1	Off-Highway Trucks	2	3.00	400	0.38
Test & Maintenance Building Phase 1	Pumps	1	5.00	84	0.74
Test & Maintenance Building Phase 1	Skid Steer Loaders	2	10.00	64	0.37
Test & Maintenance Building Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Test & Maintenance Building Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
A-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
A-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
A-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
A-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
A-Install/Transfer Conductor (25)	Forklifts	0	0.00	89	0.20

A-Install/Transfer Conductor (25)	Other Construction Equipment	1	10.00	171	0.42
A-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
A-Install/Transfer Conductor (25)	Other Construction Equipment	4	10.00	171	0.42
A-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
A-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
A-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
A-LST Steel Assembly (19)	Air Compressors	2	7.00	78	0.48
A-LST Steel Assembly (19)	Cranes	2	10.00	226	0.29
A-LST Steel Assembly (19)	Forklifts	2	7.00	89	0.20
A-LST Steel Assembly (19)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
B-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
B-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
B-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
B-Install/Transfer Conductor (25)	Forklifts	0	0.00	89	0.20
B-Install/Transfer Conductor (25)	Other Construction Equipment	1	10.00	171	0.42
B-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	87	0.34
B-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
B-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
B-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
B-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
B-Remove Existing Conductor & GW (11)	Forklifts	0	0.00	89	0.20
B-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38

B-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42
B-Remove Existing Conductor & GW (11)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
A-Remove Shoo-fly Conductor & GW (27)	Aerial Lifts	2	10.00	62	0.31
A-Remove Shoo-fly Conductor & GW (27)	Cranes	4	5.00	226	0.29
A-Remove Shoo-fly Conductor & GW (27)	Forklifts	0	0.00	89	0.20
A-Remove Shoo-fly Conductor & GW (27)	Off-Highway Trucks	2	5.00	400	0.38
A-Remove Shoo-fly Conductor & GW (27)	Off-Highway Trucks	1	10.00	400	0.38
A-Remove Shoo-fly Conductor & GW (27)	Other Construction Equipment	4	5.00	171	0.42
A-Remove Shoo-fly Conductor & GW (27)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
A-Shoo-fly Pole Removal (26)	Aerial Lifts	2	10.00	62	0.31
A-Shoo-fly Pole Removal (26)	Air Compressors	2	6.00	78	0.48
A-Shoo-fly Pole Removal (26)	Cranes	2	7.00	226	0.29
A-Shoo-fly Pole Removal (26)	Forklifts	0	0.00	89	0.20
A-Shoo-fly Pole Removal (26)	Off-Highway Trucks	1	10.00	400	0.38
A-Shoo-fly Pole Removal (26)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
A-Guard Structure Removal (28)	Aerial Lifts	2	5.00	62	0.31
A-Guard Structure Removal (28)	Air Compressors	2	7.00	78	0.48
A-Guard Structure Removal (28)	Cranes	2	10.00	226	0.29
A-Guard Structure Removal (28)	Forklifts	0	0.00	89	0.20
A-Guard Structure Removal (28)	Off-Highway Trucks	1	10.00	400	0.38
A-Guard Structure Removal (28)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-LST Removal (12)	Air Compressors	2	10.00	78	0.48
B-LST Removal (12)	Cranes	2	7.00	226	0.29
B-LST Removal (12)	Cranes	2	5.00	226	0.29
B-LST Removal (12)	Forklifts	0	0.00	89	0.20
B-LST Removal (12)	Off-Highway Trucks	1	10.00	400	0.38

B-LST Removal (12)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-LST Foundation Removal (13)	Air Compressors	2	10.00	78	0.48
B-LST Foundation Removal (13)	Cranes	0	0.00	226	0.29
B-LST Foundation Removal (13)	Excavators	1	10.00	162	0.38
B-LST Foundation Removal (13)	Forklifts	0	0.00	89	0.20
B-LST Foundation Removal (13)	Off-Highway Trucks	1	10.00	400	0.38
B-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
B-TSP Removal (14)	Air Compressors	2	10.00	78	0.48
B-TSP Removal (14)	Cranes	2	7.00	226	0.29
B-TSP Removal (14)	Forklifts	0	0.00	89	0.20
B-TSP Removal (14)	Off-Highway Trucks	1	10.00	400	0.38
B-TSP Removal (14)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
66 kV Pole Removal (16)	Aerial Lifts	2	7.00	62	0.31
66 kV Pole Removal (16)	Air Compressors	1	10.00	78	0.48
66 kV Pole Removal (16)	Cranes	2	7.00	226	0.29
66 kV Pole Removal (16)	Forklifts	0	0.00	89	0.20
66 kV Pole Removal (16)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-TSP Foundation Removal (15)	Air Compressors	2	10.00	78	0.48
B-TSP Foundation Removal (15)	Cranes	0	0.00	226	0.29
B-TSP Foundation Removal (15)	Excavators	1	10.00	162	0.38
B-TSP Foundation Removal (15)	Forklifts	0	0.00	89	0.20
B-TSP Foundation Removal (15)	Off-Highway Trucks	1	10.00	400	0.38
B-TSP Foundation Removal (15)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Testing Phase 1	Graders	0	0.00	174	0.41
Testing Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Install Underground Cable (30)	Aerial Lifts	1	6.00	62	0.31
Install Underground Cable (30)	Cranes	2	6.00	226	0.29
Install Underground Cable (30)	Forklifts	0	0.00	89	0.20

Install Underground Cable (30)	Off-Highway Trucks	2	6.00	87	0.34
Install Underground Cable (30)	Other Construction Equipment	1	6.00	171	0.42
Install Underground Cable (30)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Splice Underground Cable (31)	Cranes	0	0.00	226	0.29
Splice Underground Cable (31)	Forklifts	0	0.00	89	0.20
Splice Underground Cable (31)	Other General Industrial Equipment	2	6.00	87	0.34
Splice Underground Cable (31)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Guard Structure Installation (6)	Aerial Lifts	2	5.00	62	0.31
B-Guard Structure Installation (6)	Air Compressors	2	7.00	78	0.48
B-Guard Structure Installation (6)	Bore/Drill Rigs	2	8.00	205	0.50
B-Guard Structure Installation (6)	Cranes	2	8.00	226	0.29
B-Guard Structure Installation (6)	Forklifts	0	0.00	89	0.20
B-Guard Structure Installation (6)	Off-Highway Trucks	2	10.00	400	0.38
B-Guard Structure Installation (6)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
C-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
C-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
C-Remove Existing Conductor & GW (11)	Forklifts	0	0.00	89	0.20
C-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38
C-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42
C-Remove Existing Conductor & GW (11)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-LST Removal (12)	Air Compressors	2	10.00	78	0.48
C-LST Removal (12)	Cranes	2	7.00	226	0.29
C-LST Removal (12)	Cranes	2	5.00	226	0.29
C-LST Removal (12)	Forklifts	0	0.00	89	0.20
C-LST Removal (12)	Off-Highway Trucks	1	10.00	400	0.38

C-LST Removal (12)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-LST Foundation Removal (13)	Air Compressors	2	10.00	78	0.48
C-LST Foundation Removal (13)	Cranes	0	0.00	226	0.29
C-LST Foundation Removal (13)	Excavators	1	10.00	162	0.38
C-LST Foundation Removal (13)	Forklifts	0	0.00	89	0.20
C-LST Foundation Removal (13)	Off-Highway Trucks	1	10.00	400	0.38
C-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
C-TSP Removal (14)	Air Compressors	2	10.00	78	0.48
C-TSP Removal (14)	Cranes	2	7.00	226	0.29
C-TSP Removal (14)	Forklifts	0	0.00	89	0.20
C-TSP Removal (14)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Removal (14)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-TSP Foundation Removal (15)	Air Compressors	2	10.00	78	0.48
C-TSP Foundation Removal (15)	Cranes	0	7.00	226	0.29
C-TSP Foundation Removal (15)	Excavators	1	10.00	162	0.38
C-TSP Foundation Removal (15)	Forklifts	0	0.00	89	0.20
C-TSP Foundation Removal (15)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Foundation Removal (15)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Maintenance Crew Equipment Check Phase 1	Graders	0	0.00	174	0.41
Maintenance Crew Equipment Check Phase 1	Off-Highway Trucks	2	5.00	400	0.38
Maintenance Crew Equipment Check Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting Phase 1	Cement and Mortar Mixers	0	0.00	9	0.56
Asphalting Phase 1	Other Construction Equipment	1	3.00	171	0.42
Asphalting Phase 1	Pavers	1	10.00	125	0.42
Asphalting Phase 1	Rollers	2	5.00	80	0.38
Asphalting Phase 1	Tractors/Loaders/Backhoes	1	3.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Survey	0	3.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fiber Optic Cable Installation	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fiber Optic/Copper Cable Removal	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splicing & Testing	2	7.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Control Building Phase 1	14	56.00	0.00	61.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Test & Maintenance Building Phase 1	14	56.00	0.00	56.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Steel Assembly (19)	6	24.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Remove Shoo-fly Conductor & GW (27)	13	32.00	4.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Survey (1)	0	6.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Shoo-fly Pole Removal (26)	7	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Guard Structure Removal (28)	7	16.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Removal (12)	7	14.00	2.00	12.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Foundation Removal (12)	6	10.00	0.00	11.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Removal (14)	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
66 kV Pole Removal (16)	5	14.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Foundation Removal (15)	6	10.00	0.00	156.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Testing Phase 1	0	13.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Install Underground Cable (30)	6	2.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splice Underground Cable (31)	2	1.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
MEER Phase 1	15	56.00	0.00	63.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Guard Structure Installation (6)	10	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

C-LST Removal (12)	7	14.00	2.00	14.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-LST Foundation Removal (13)	6	10.00	0.00	13.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Removal (14)	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Foundation Removal (15)	6	10.00	0.00	32.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Maintenance Crew Equipment Check Phase	2	5.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Asphalting Phase 1	5	19.00	0.00	239.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fencing Phase 1 Block Wall	4	17.00	1.00	23.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Grading Phase 1	14	18.00	0.00	556.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation	11	13.00	0.00	622.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Phase 1	29	64.00	0.00	3,800.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Construction and Materials Yard (?)	3	5.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Wood Pole Replacement & Transf	6	12.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Survey - 2017

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6900e-003	2.5300e-003	0.0263	6.0000e-005	5.2400e-003	4.0000e-005	5.2800e-003	1.3900e-003	4.0000e-005	1.4300e-003	0.0000	4.7183	4.7183	2.4000e-004	0.0000	4.7235
Total	1.6900e-003	2.5300e-003	0.0263	6.0000e-005	5.2400e-003	4.0000e-005	5.2800e-003	1.3900e-003	4.0000e-005	1.4300e-003	0.0000	4.7183	4.7183	2.4000e-004	0.0000	4.7235

3.2 Survey - 2017

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6900e-003	2.5300e-003	0.0263	6.0000e-005	5.2400e-003	4.0000e-005	5.2800e-003	1.3900e-003	4.0000e-005	1.4300e-003	0.0000	4.7183	4.7183	2.4000e-004	0.0000	4.7235
Total	1.6900e-003	2.5300e-003	0.0263	6.0000e-005	5.2400e-003	4.0000e-005	5.2800e-003	1.3900e-003	4.0000e-005	1.4300e-003	0.0000	4.7183	4.7183	2.4000e-004	0.0000	4.7235

3.3 Survey (1) - 2017

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3900e-003	5.0700e-003	0.0527	1.3000e-004	0.0105	9.0000e-005	0.0106	2.7800e-003	8.0000e-005	2.8600e-003	0.0000	9.4367	9.4367	4.9000e-004	0.0000	9.4469
Total	3.3900e-003	5.0700e-003	0.0527	1.3000e-004	0.0105	9.0000e-005	0.0106	2.7800e-003	8.0000e-005	2.8600e-003	0.0000	9.4367	9.4367	4.9000e-004	0.0000	9.4469

3.3 Survey (1) - 2017

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3900e-003	5.0700e-003	0.0527	1.3000e-004	0.0105	9.0000e-005	0.0106	2.7800e-003	8.0000e-005	2.8600e-003	0.0000	9.4367	9.4367	4.9000e-004	0.0000	9.4469
Total	3.3900e-003	5.0700e-003	0.0527	1.3000e-004	0.0105	9.0000e-005	0.0106	2.7800e-003	8.0000e-005	2.8600e-003	0.0000	9.4367	9.4367	4.9000e-004	0.0000	9.4469

3.4 MEER Phase 1 - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0000e-005	0.0000	7.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1725	1.7004	1.2464	2.0700e-003		0.1025	0.1025		0.0964	0.0964	0.0000	188.1881	188.1881	0.0468	0.0000	189.1702
Total	0.1725	1.7004	1.2464	2.0700e-003	7.0000e-005	0.1025	0.1026	1.0000e-005	0.0964	0.0964	0.0000	188.1881	188.1881	0.0468	0.0000	189.1702

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.5000e-004	6.4800e-003	6.0500e-003	2.0000e-005	6.7700e-003	9.0000e-005	6.8600e-003	7.5000e-004	9.0000e-005	8.3000e-004	0.0000	1.5792	1.5792	1.0000e-005	0.0000	1.5794
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2000e-003	0.0123	0.1276	3.1000e-004	0.0254	2.1000e-004	0.0256	6.7400e-003	1.9000e-004	6.9300e-003	0.0000	22.8658	22.8658	1.1800e-003	0.0000	22.8906
Total	8.6500e-003	0.0188	0.1337	3.3000e-004	0.0322	3.0000e-004	0.0325	7.4900e-003	2.8000e-004	7.7600e-003	0.0000	24.4450	24.4450	1.1900e-003	0.0000	24.4700

3.4 MEER Phase 1 - 2017**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0802	1.8120	1.3643	2.0700e-003		0.0656	0.0656		0.0656	0.0656	0.0000	188.1878	188.1878	0.0468	0.0000	189.1700
Total	0.0802	1.8120	1.3643	2.0700e-003	3.0000e-005	0.0656	0.0656	0.0000	0.0656	0.0656	0.0000	188.1878	188.1878	0.0468	0.0000	189.1700

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.5000e-004	6.4800e-003	6.0500e-003	2.0000e-005	2.1600e-003	9.0000e-005	2.2500e-003	2.9000e-004	9.0000e-005	3.7000e-004	0.0000	1.5792	1.5792	1.0000e-005	0.0000	1.5794
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2000e-003	0.0123	0.1276	3.1000e-004	0.0254	2.1000e-004	0.0256	6.7400e-003	1.9000e-004	6.9300e-003	0.0000	22.8658	22.8658	1.1800e-003	0.0000	22.8906
Total	8.6500e-003	0.0188	0.1337	3.3000e-004	0.0276	3.0000e-004	0.0279	7.0300e-003	2.8000e-004	7.3000e-003	0.0000	24.4450	24.4450	1.1900e-003	0.0000	24.4700

3.5 Fencing Phase 1 Block Wall - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.8300e-003	0.0616	0.0504	7.0000e-005		4.4100e-003	4.4100e-003		4.1700e-003	4.1700e-003	0.0000	6.5891	6.5891	1.5100e-003	0.0000	6.6207
Total	6.8300e-003	0.0616	0.0504	7.0000e-005	0.0000	4.4100e-003	4.4100e-003	0.0000	4.1700e-003	4.1700e-003	0.0000	6.5891	6.5891	1.5100e-003	0.0000	6.6207

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6000e-004	2.3600e-003	2.2100e-003	1.0000e-005	2.4700e-003	3.0000e-005	2.5000e-003	2.7000e-004	3.0000e-005	3.0000e-004	0.0000	0.5765	0.5765	0.0000	0.0000	0.5766
Vendor	5.0000e-005	6.0000e-004	4.3000e-004	0.0000	1.1900e-003	1.0000e-005	1.2000e-003	1.3000e-004	1.0000e-005	1.5000e-004	0.0000	0.1686	0.1686	0.0000	0.0000	0.1686
Worker	3.4000e-004	5.1000e-004	5.2600e-003	1.0000e-005	1.0500e-003	1.0000e-005	1.0600e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.9427	0.9427	5.0000e-005	0.0000	0.9437
Total	5.5000e-004	3.4700e-003	7.9000e-003	2.0000e-005	4.7100e-003	5.0000e-005	4.7600e-003	6.8000e-004	5.0000e-005	7.4000e-004	0.0000	1.6878	1.6878	5.0000e-005	0.0000	1.6889

3.5 Fencing Phase 1 Block Wall - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-003	0.0660	0.0514	7.0000e-005		2.6700e-003	2.6700e-003		2.6700e-003	2.6700e-003	0.0000	6.5890	6.5890	1.5100e-003	0.0000	6.6207
Total	3.2000e-003	0.0660	0.0514	7.0000e-005	0.0000	2.6700e-003	2.6700e-003	0.0000	2.6700e-003	2.6700e-003	0.0000	6.5890	6.5890	1.5100e-003	0.0000	6.6207

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6000e-004	2.3600e-003	2.2100e-003	1.0000e-005	7.9000e-004	3.0000e-005	8.2000e-004	1.0000e-004	3.0000e-005	1.4000e-004	0.0000	0.5765	0.5765	0.0000	0.0000	0.5766
Vendor	5.0000e-005	6.0000e-004	4.3000e-004	0.0000	3.8000e-004	1.0000e-005	3.9000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.1686	0.1686	0.0000	0.0000	0.1686
Worker	3.4000e-004	5.1000e-004	5.2600e-003	1.0000e-005	1.0500e-003	1.0000e-005	1.0600e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.9427	0.9427	5.0000e-005	0.0000	0.9437
Total	5.5000e-004	3.4700e-003	7.9000e-003	2.0000e-005	2.2200e-003	5.0000e-005	2.2700e-003	4.3000e-004	5.0000e-005	5.0000e-004	0.0000	1.6878	1.6878	5.0000e-005	0.0000	1.6889

3.6 Grading Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0106	0.0000	0.0106	1.1500e-003	0.0000	1.1500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0865	1.0186	0.5465	1.0100e-003		0.0434	0.0434		0.0399	0.0399	0.0000	93.2984	93.2984	0.0286	0.0000	93.8988
Total	0.0865	1.0186	0.5465	1.0100e-003	0.0106	0.0434	0.0540	1.1500e-003	0.0399	0.0411	0.0000	93.2984	93.2984	0.0286	0.0000	93.8988

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9600e-003	0.0572	0.0534	1.6000e-004	0.0597	8.2000e-004	0.0605	6.5800e-003	7.6000e-004	7.3300e-003	0.0000	13.9369	13.9369	1.0000e-004	0.0000	13.9391
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	5.4000e-004	5.5700e-003	1.0000e-005	1.1100e-003	1.0000e-005	1.1200e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9981	0.9981	5.0000e-005	0.0000	0.9992
Total	4.3200e-003	0.0577	0.0590	1.7000e-004	0.0608	8.3000e-004	0.0617	6.8700e-003	7.7000e-004	7.6300e-003	0.0000	14.9350	14.9350	1.5000e-004	0.0000	14.9382

3.6 Grading Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.7700e-003	0.0000	4.7700e-003	5.2000e-004	0.0000	5.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0268	0.8014	0.5628	1.0100e-003		0.0197	0.0197		0.0197	0.0197	0.0000	93.2983	93.2983	0.0286	0.0000	93.8986
Total	0.0268	0.8014	0.5628	1.0100e-003	4.7700e-003	0.0197	0.0245	5.2000e-004	0.0197	0.0202	0.0000	93.2983	93.2983	0.0286	0.0000	93.8986

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9600e-003	0.0572	0.0534	1.6000e-004	0.0190	8.2000e-004	0.0198	2.5200e-003	7.6000e-004	3.2700e-003	0.0000	13.9369	13.9369	1.0000e-004	0.0000	13.9391
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	5.4000e-004	5.5700e-003	1.0000e-005	1.1100e-003	1.0000e-005	1.1200e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9981	0.9981	5.0000e-005	0.0000	0.9992
Total	4.3200e-003	0.0577	0.0590	1.7000e-004	0.0201	8.3000e-004	0.0210	2.8100e-003	7.7000e-004	3.5700e-003	0.0000	14.9350	14.9350	1.5000e-004	0.0000	14.9382

3.7 Civil Installation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5517	16.9020	10.0444	0.0166		0.8326	0.8326		0.7696	0.7696	0.0000	1,531.7430	1,531.7430	0.4560	0.0000	1,541.3188
Total	1.5517	16.9020	10.0444	0.0166	0.0000	0.8326	0.8326	0.0000	0.7696	0.7696	0.0000	1,531.7430	1,531.7430	0.4560	0.0000	1,541.3188

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.4300e-003	0.0640	0.0597	1.7000e-004	0.0668	9.2000e-004	0.0677	7.3600e-003	8.4000e-004	8.2000e-003	0.0000	15.5913	15.5913	1.2000e-004	0.0000	15.5937
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3400e-003	0.0110	0.1141	2.8000e-004	0.0227	1.9000e-004	0.0229	6.0300e-003	1.7000e-004	6.2000e-003	0.0000	20.4461	20.4461	1.0600e-003	0.0000	20.4683
Total	0.0118	0.0749	0.1738	4.5000e-004	0.0895	1.1100e-003	0.0906	0.0134	1.0100e-003	0.0144	0.0000	36.0374	36.0374	1.1800e-003	0.0000	36.0620

3.7 Civil Installation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5049	13.4829	9.9361	0.0166		0.3792	0.3792		0.3792	0.3792	0.0000	1,531.7412	1,531.7412	0.4560	0.0000	1,541.3170
Total	0.5049	13.4829	9.9361	0.0166	0.0000	0.3792	0.3792	0.0000	0.3792	0.3792	0.0000	1,531.7412	1,531.7412	0.4560	0.0000	1,541.3170

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.4300e-003	0.0640	0.0597	1.7000e-004	0.0213	9.2000e-004	0.0222	2.8100e-003	8.4000e-004	3.6600e-003	0.0000	15.5913	15.5913	1.2000e-004	0.0000	15.5937
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3400e-003	0.0110	0.1141	2.8000e-004	0.0227	1.9000e-004	0.0229	6.0300e-003	1.7000e-004	6.2000e-003	0.0000	20.4461	20.4461	1.0600e-003	0.0000	20.4683
Total	0.0118	0.0749	0.1738	4.5000e-004	0.0440	1.1100e-003	0.0451	8.8400e-003	1.0100e-003	9.8600e-003	0.0000	36.0374	36.0374	1.1800e-003	0.0000	36.0620

3.8 Civil Phase 1 - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.3200e-003	0.0000	4.3200e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6269	6.8517	4.3506	8.7100e-003		0.3543	0.3543		0.3268	0.3268	0.0000	806.7087	806.7087	0.2430	0.0000	811.8120
Total	0.6269	6.8517	4.3506	8.7100e-003	4.3200e-003	0.3543	0.3587	6.5000e-004	0.3268	0.3275	0.0000	806.7087	806.7087	0.2430	0.0000	811.8120

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0271	0.3907	0.3649	1.0600e-003	0.4081	5.6100e-003	0.4137	0.0450	5.1600e-003	0.0501	0.0000	95.2521	95.2521	7.0000e-004	0.0000	95.2669
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	0.0185	0.1926	4.7000e-004	0.0383	3.1000e-004	0.0387	0.0102	2.9000e-004	0.0105	0.0000	34.5205	34.5205	1.7800e-003	0.0000	34.5579
Total	0.0395	0.4092	0.5575	1.5300e-003	0.4464	5.9200e-003	0.4524	0.0551	5.4500e-003	0.0606	0.0000	129.7726	129.7726	2.4800e-003	0.0000	129.8248

3.8 Civil Phase 1 - 2017**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.9400e-003	0.0000	1.9400e-003	2.9000e-004	0.0000	2.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2921	7.5265	5.4934	8.7100e-003		0.2252	0.2252		0.2252	0.2252	0.0000	806.7078	806.7078	0.2430	0.0000	811.8110
Total	0.2921	7.5265	5.4934	8.7100e-003	1.9400e-003	0.2252	0.2272	2.9000e-004	0.2252	0.2255	0.0000	806.7078	806.7078	0.2430	0.0000	811.8110

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0271	0.3907	0.3649	1.0600e-003	0.1300	5.6100e-003	0.1356	0.0172	5.1600e-003	0.0224	0.0000	95.2521	95.2521	7.0000e-004	0.0000	95.2669
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	0.0185	0.1926	4.7000e-004	0.0383	3.1000e-004	0.0387	0.0102	2.9000e-004	0.0105	0.0000	34.5205	34.5205	1.7800e-003	0.0000	34.5579
Total	0.0395	0.4092	0.5575	1.5300e-003	0.1683	5.9200e-003	0.1743	0.0274	5.4500e-003	0.0328	0.0000	129.7726	129.7726	2.4800e-003	0.0000	129.8248

3.9 Construction and Materials Yard (2) - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2538	2.8458	1.3042	3.2600e-003		0.1193	0.1193		0.1098	0.1098	0.0000	302.6792	302.6792	0.0927	0.0000	304.6268
Total	0.2538	2.8458	1.3042	3.2600e-003		0.1193	0.1193		0.1098	0.1098	0.0000	302.6792	302.6792	0.0927	0.0000	304.6268

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3500e-003	0.0171	0.0122	5.0000e-005	0.0337	3.8000e-004	0.0340	3.7800e-003	3.5000e-004	4.1200e-003	0.0000	4.7824	4.7824	2.0000e-005	0.0000	4.7829
Worker	2.8200e-003	4.2200e-003	0.0439	1.1000e-004	8.7300e-003	7.0000e-005	8.8000e-003	2.3200e-003	7.0000e-005	2.3800e-003	0.0000	7.8639	7.8639	4.1000e-004	0.0000	7.8724
Total	4.1700e-003	0.0213	0.0561	1.6000e-004	0.0424	4.5000e-004	0.0428	6.1000e-003	4.2000e-004	6.5000e-003	0.0000	12.6463	12.6463	4.3000e-004	0.0000	12.6553

3.9 Construction and Materials Yard (2) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0833	2.5944	1.7655	3.2600e-003		0.0618	0.0618		0.0618	0.0618	0.0000	302.6789	302.6789	0.0927	0.0000	304.6264
Total	0.0833	2.5944	1.7655	3.2600e-003		0.0618	0.0618		0.0618	0.0618	0.0000	302.6789	302.6789	0.0927	0.0000	304.6264

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3500e-003	0.0171	0.0122	5.0000e-005	0.0108	3.8000e-004	0.0112	1.5000e-003	3.5000e-004	1.8400e-003	0.0000	4.7824	4.7824	2.0000e-005	0.0000	4.7829
Worker	2.8200e-003	4.2200e-003	0.0439	1.1000e-004	8.7300e-003	7.0000e-005	8.8000e-003	2.3200e-003	7.0000e-005	2.3800e-003	0.0000	7.8639	7.8639	4.1000e-004	0.0000	7.8724
Total	4.1700e-003	0.0213	0.0561	1.6000e-004	0.0196	4.5000e-004	0.0200	3.8200e-003	4.2000e-004	4.2200e-003	0.0000	12.6463	12.6463	4.3000e-004	0.0000	12.6553

3.10 Wood Pole Replacement & Transfer of Facilities - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1957	2.5289	1.1292	3.1100e-003		0.0973	0.0973		0.0895	0.0895	0.0000	288.1641	288.1641	0.0883	0.0000	290.0182
Total	0.1957	2.5289	1.1292	3.1100e-003		0.0973	0.0973		0.0895	0.0895	0.0000	288.1641	288.1641	0.0883	0.0000	290.0182

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3600e-003	5.0400e-003	0.0523	1.3000e-004	0.0104	9.0000e-005	0.0105	2.7600e-003	8.0000e-005	2.8400e-003	0.0000	9.3762	9.3762	4.8000e-004	0.0000	9.3864
Total	3.3600e-003	5.0400e-003	0.0523	1.3000e-004	0.0104	9.0000e-005	0.0105	2.7600e-003	8.0000e-005	2.8400e-003	0.0000	9.3762	9.3762	4.8000e-004	0.0000	9.3864

3.10 Wood Pole Replacement & Transfer of Facilities - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0840	2.6950	1.7360	3.1100e-003		0.0631	0.0631		0.0631	0.0631	0.0000	288.1637	288.1637	0.0883	0.0000	290.0179
Total	0.0840	2.6950	1.7360	3.1100e-003		0.0631	0.0631		0.0631	0.0631	0.0000	288.1637	288.1637	0.0883	0.0000	290.0179

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3600e-003	5.0400e-003	0.0523	1.3000e-004	0.0104	9.0000e-005	0.0105	2.7600e-003	8.0000e-005	2.8400e-003	0.0000	9.3762	9.3762	4.8000e-004	0.0000	9.3864
Total	3.3600e-003	5.0400e-003	0.0523	1.3000e-004	0.0104	9.0000e-005	0.0105	2.7600e-003	8.0000e-005	2.8400e-003	0.0000	9.3762	9.3762	4.8000e-004	0.0000	9.3864

3.11 Fiber Optic Cable Installation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0189	0.3125	0.4210	6.5000e-004		0.0110	0.0110		0.0102	0.0102	0.0000	59.7676	59.7676	0.0183	0.0000	60.1522
Total	0.0189	0.3125	0.4210	6.5000e-004		0.0110	0.0110		0.0102	0.0102	0.0000	59.7676	59.7676	0.0183	0.0000	60.1522

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.9000e-003	0.0118	0.1229	3.0000e-004	0.0245	2.0000e-004	0.0247	6.4900e-003	1.8000e-004	6.6800e-003	0.0000	22.0189	22.0189	1.1400e-003	0.0000	22.0428
Total	7.9000e-003	0.0118	0.1229	3.0000e-004	0.0245	2.0000e-004	0.0247	6.4900e-003	1.8000e-004	6.6800e-003	0.0000	22.0189	22.0189	1.1400e-003	0.0000	22.0428

3.11 Fiber Optic Cable Installation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0304	0.6280	0.4892	6.5000e-004		0.0254	0.0254		0.0254	0.0254	0.0000	59.7676	59.7676	0.0183	0.0000	60.1521
Total	0.0304	0.6280	0.4892	6.5000e-004		0.0254	0.0254		0.0254	0.0254	0.0000	59.7676	59.7676	0.0183	0.0000	60.1521

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.9000e-003	0.0118	0.1229	3.0000e-004	0.0245	2.0000e-004	0.0247	6.4900e-003	1.8000e-004	6.6800e-003	0.0000	22.0189	22.0189	1.1400e-003	0.0000	22.0428
Total	7.9000e-003	0.0118	0.1229	3.0000e-004	0.0245	2.0000e-004	0.0247	6.4900e-003	1.8000e-004	6.6800e-003	0.0000	22.0189	22.0189	1.1400e-003	0.0000	22.0428

3.12 Fiber Optic/Copper Cable Removal - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.3700e-003	0.1552	0.2091	3.2000e-004		5.4800e-003	5.4800e-003		5.0400e-003	5.0400e-003	0.0000	29.6923	29.6923	9.1000e-003	0.0000	29.8833
Total	9.3700e-003	0.1552	0.2091	3.2000e-004		5.4800e-003	5.4800e-003		5.0400e-003	5.0400e-003	0.0000	29.6923	29.6923	9.1000e-003	0.0000	29.8833

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9200e-003	5.8800e-003	0.0610	1.5000e-004	0.0122	1.0000e-004	0.0123	3.2300e-003	9.0000e-005	3.3200e-003	0.0000	10.9389	10.9389	5.6000e-004	0.0000	10.9507
Total	3.9200e-003	5.8800e-003	0.0610	1.5000e-004	0.0122	1.0000e-004	0.0123	3.2300e-003	9.0000e-005	3.3200e-003	0.0000	10.9389	10.9389	5.6000e-004	0.0000	10.9507

3.12 Fiber Optic/Copper Cable Removal - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0151	0.3120	0.2430	3.2000e-004		0.0126	0.0126		0.0126	0.0126	0.0000	29.6922	29.6922	9.1000e-003	0.0000	29.8833
Total	0.0151	0.3120	0.2430	3.2000e-004		0.0126	0.0126		0.0126	0.0126	0.0000	29.6922	29.6922	9.1000e-003	0.0000	29.8833

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9200e-003	5.8800e-003	0.0610	1.5000e-004	0.0122	1.0000e-004	0.0123	3.2300e-003	9.0000e-005	3.3200e-003	0.0000	10.9389	10.9389	5.6000e-004	0.0000	10.9507
Total	3.9200e-003	5.8800e-003	0.0610	1.5000e-004	0.0122	1.0000e-004	0.0123	3.2300e-003	9.0000e-005	3.3200e-003	0.0000	10.9389	10.9389	5.6000e-004	0.0000	10.9507

3.13 Splicing & Testing - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1343	1.1641	0.8135	9.9000e-004		0.0957	0.0957		0.0881	0.0881	0.0000	91.5718	91.5718	0.0281	0.0000	92.1610
Total	0.1343	1.1641	0.8135	9.9000e-004		0.0957	0.0957		0.0881	0.0881	0.0000	91.5718	91.5718	0.0281	0.0000	92.1610

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9500e-003	5.9100e-003	0.0614	1.5000e-004	0.0122	1.0000e-004	0.0123	3.2500e-003	9.0000e-005	3.3400e-003	0.0000	11.0095	11.0095	5.7000e-004	0.0000	11.0214
Total	3.9500e-003	5.9100e-003	0.0614	1.5000e-004	0.0122	1.0000e-004	0.0123	3.2500e-003	9.0000e-005	3.3400e-003	0.0000	11.0095	11.0095	5.7000e-004	0.0000	11.0214

3.13 Splicing & Testing - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0468	0.9665	0.7528	9.9000e-004		0.0391	0.0391		0.0391	0.0391	0.0000	91.5716	91.5716	0.0281	0.0000	92.1608
Total	0.0468	0.9665	0.7528	9.9000e-004		0.0391	0.0391		0.0391	0.0391	0.0000	91.5716	91.5716	0.0281	0.0000	92.1608

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9500e-003	5.9100e-003	0.0614	1.5000e-004	0.0122	1.0000e-004	0.0123	3.2500e-003	9.0000e-005	3.3400e-003	0.0000	11.0095	11.0095	5.7000e-004	0.0000	11.0214
Total	3.9500e-003	5.9100e-003	0.0614	1.5000e-004	0.0122	1.0000e-004	0.0123	3.2500e-003	9.0000e-005	3.3400e-003	0.0000	11.0095	11.0095	5.7000e-004	0.0000	11.0214

3.14 Control Building Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2842	2.9467	2.0970	3.4400e-003		0.1738	0.1738		0.1612	0.1612	0.0000	317.2005	317.2005	0.0907	0.0000	319.1051
Total	0.2842	2.9467	2.0970	3.4400e-003		0.1738	0.1738		0.1612	0.1612	0.0000	317.2005	317.2005	0.0907	0.0000	319.1051

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.3000e-004	6.2700e-003	5.8600e-003	2.0000e-005	6.5500e-003	9.0000e-005	6.6400e-003	7.2000e-004	8.0000e-005	8.0000e-004	0.0000	1.5291	1.5291	1.0000e-005	0.0000	1.5293
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0169	0.0253	0.2631	6.4000e-004	0.0524	4.3000e-004	0.0528	0.0139	3.9000e-004	0.0143	0.0000	47.1431	47.1431	2.4300e-003	0.0000	47.1942
Total	0.0173	0.0316	0.2689	6.6000e-004	0.0589	5.2000e-004	0.0594	0.0146	4.7000e-004	0.0151	0.0000	48.6721	48.6721	2.4400e-003	0.0000	48.7235

3.14 Control Building Phase 1 - 2017**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1338	3.0836	2.3047	3.4400e-003		0.1089	0.1089		0.1089	0.1089	0.0000	317.2001	317.2001	0.0907	0.0000	319.1047
Total	0.1338	3.0836	2.3047	3.4400e-003		0.1089	0.1089		0.1089	0.1089	0.0000	317.2001	317.2001	0.0907	0.0000	319.1047

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.3000e-004	6.2700e-003	5.8600e-003	2.0000e-005	2.0900e-003	9.0000e-005	2.1800e-003	2.8000e-004	8.0000e-005	3.6000e-004	0.0000	1.5291	1.5291	1.0000e-005	0.0000	1.5293
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0169	0.0253	0.2631	6.4000e-004	0.0524	4.3000e-004	0.0528	0.0139	3.9000e-004	0.0143	0.0000	47.1431	47.1431	2.4300e-003	0.0000	47.1942
Total	0.0173	0.0316	0.2689	6.6000e-004	0.0544	5.2000e-004	0.0550	0.0142	4.7000e-004	0.0147	0.0000	48.6721	48.6721	2.4400e-003	0.0000	48.7235

3.15 Test & Maintenance Building Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2230	2.3115	1.6450	2.7000e-003		0.1363	0.1363		0.1264	0.1264	0.0000	248.8219	248.8219	0.0711	0.0000	250.3159
Total	0.2230	2.3115	1.6450	2.7000e-003		0.1363	0.1363		0.1264	0.1264	0.0000	248.8219	248.8219	0.0711	0.0000	250.3159

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-004	5.7600e-003	5.3800e-003	2.0000e-005	6.0100e-003	8.0000e-005	6.1000e-003	6.6000e-004	8.0000e-005	7.4000e-004	0.0000	1.4037	1.4037	1.0000e-005	0.0000	1.4039
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0133	0.0199	0.2064	5.0000e-004	0.0411	3.4000e-004	0.0414	0.0109	3.1000e-004	0.0112	0.0000	36.9805	36.9805	1.9100e-003	0.0000	37.0206
Total	0.0137	0.0256	0.2117	5.2000e-004	0.0471	4.2000e-004	0.0475	0.0116	3.9000e-004	0.0120	0.0000	38.3842	38.3842	1.9200e-003	0.0000	38.4245

3.15 Test & Maintenance Building Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1049	2.4189	1.8078	2.7000e-003		0.0854	0.0854		0.0854	0.0854	0.0000	248.8216	248.8216	0.0711	0.0000	250.3156
Total	0.1049	2.4189	1.8078	2.7000e-003		0.0854	0.0854		0.0854	0.0854	0.0000	248.8216	248.8216	0.0711	0.0000	250.3156

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-004	5.7600e-003	5.3800e-003	2.0000e-005	1.9200e-003	8.0000e-005	2.0000e-003	2.5000e-004	8.0000e-005	3.3000e-004	0.0000	1.4037	1.4037	1.0000e-005	0.0000	1.4039
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0133	0.0199	0.2064	5.0000e-004	0.0411	3.4000e-004	0.0414	0.0109	3.1000e-004	0.0112	0.0000	36.9805	36.9805	1.9100e-003	0.0000	37.0206
Total	0.0137	0.0256	0.2117	5.2000e-004	0.0430	4.2000e-004	0.0434	0.0112	3.9000e-004	0.0116	0.0000	38.3842	38.3842	1.9200e-003	0.0000	38.4245

3.16 A-Install/Transfer Conductor (25) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1875	2.1332	1.0903	1.8300e-003		0.1076	0.1076		0.0990	0.0990	0.0000	169.5788	169.5788	0.0520	0.0000	170.6700
Total	0.1875	2.1332	1.0903	1.8300e-003		0.1076	0.1076		0.0990	0.0990	0.0000	169.5788	169.5788	0.0520	0.0000	170.6700

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-004	5.1000e-003	3.6400e-003	2.0000e-005	0.0100	1.1000e-004	0.0101	1.1300e-003	1.0000e-004	1.2300e-003	0.0000	1.4255	1.4255	1.0000e-005	0.0000	1.4257
Worker	1.9100e-003	2.8500e-003	0.0297	7.0000e-005	5.9000e-003	5.0000e-005	5.9500e-003	1.5700e-003	4.0000e-005	1.6100e-003	0.0000	5.3132	5.3132	2.7000e-004	0.0000	5.3189
Total	2.3100e-003	7.9500e-003	0.0333	9.0000e-005	0.0159	1.6000e-004	0.0161	2.7000e-003	1.4000e-004	2.8400e-003	0.0000	6.7387	6.7387	2.8000e-004	0.0000	6.7446

3.16 A-Install/Transfer Conductor (25) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0629	1.5935	1.2235	1.8300e-003		0.0454	0.0454		0.0454	0.0454	0.0000	169.5786	169.5786	0.0520	0.0000	170.6698
Total	0.0629	1.5935	1.2235	1.8300e-003		0.0454	0.0454		0.0454	0.0454	0.0000	169.5786	169.5786	0.0520	0.0000	170.6698

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-004	5.1000e-003	3.6400e-003	2.0000e-005	3.2300e-003	1.1000e-004	3.3400e-003	4.5000e-004	1.0000e-004	5.5000e-004	0.0000	1.4255	1.4255	1.0000e-005	0.0000	1.4257
Worker	1.9100e-003	2.8500e-003	0.0297	7.0000e-005	5.9000e-003	5.0000e-005	5.9500e-003	1.5700e-003	4.0000e-005	1.6100e-003	0.0000	5.3132	5.3132	2.7000e-004	0.0000	5.3189
Total	2.3100e-003	7.9500e-003	0.0333	9.0000e-005	9.1300e-003	1.6000e-004	9.2900e-003	2.0200e-003	1.4000e-004	2.1600e-003	0.0000	6.7387	6.7387	2.8000e-004	0.0000	6.7446

3.17 A-LST Steel Assembly (19) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0194	0.1927	0.0941	1.7000e-004		0.0107	0.0107		0.0101	0.0101	0.0000	15.0709	15.0709	3.7800e-003	0.0000	15.1502
Total	0.0194	0.1927	0.0941	1.7000e-004		0.0107	0.0107		0.0101	0.0101	0.0000	15.0709	15.0709	3.7800e-003	0.0000	15.1502

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1000e-004	9.1000e-004	9.4500e-003	2.0000e-005	1.8800e-003	2.0000e-005	1.9000e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.6938	1.6938	9.0000e-005	0.0000	1.6956
Total	6.1000e-004	9.1000e-004	9.4500e-003	2.0000e-005	1.8800e-003	2.0000e-005	1.9000e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.6938	1.6938	9.0000e-005	0.0000	1.6956

3.17 A-LST Steel Assembly (19) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.1700e-003	0.1406	0.0968	1.7000e-004		4.0700e-003	4.0700e-003		4.0700e-003	4.0700e-003	0.0000	15.0708	15.0708	3.7800e-003	0.0000	15.1502
Total	5.1700e-003	0.1406	0.0968	1.7000e-004		4.0700e-003	4.0700e-003		4.0700e-003	4.0700e-003	0.0000	15.0708	15.0708	3.7800e-003	0.0000	15.1502

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1000e-004	9.1000e-004	9.4500e-003	2.0000e-005	1.8800e-003	2.0000e-005	1.9000e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.6938	1.6938	9.0000e-005	0.0000	1.6956
Total	6.1000e-004	9.1000e-004	9.4500e-003	2.0000e-005	1.8800e-003	2.0000e-005	1.9000e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.6938	1.6938	9.0000e-005	0.0000	1.6956

3.18 B-Install/Transfer Conductor (25) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1012	1.1187	0.5665	9.5000e-004		0.0601	0.0601		0.0553	0.0553	0.0000	88.0189	88.0189	0.0270	0.0000	88.5852
Total	0.1012	1.1187	0.5665	9.5000e-004		0.0601	0.0601		0.0553	0.0553	0.0000	88.0189	88.0189	0.0270	0.0000	88.5852

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	3.1200e-003	2.2300e-003	1.0000e-005	6.1500e-003	7.0000e-005	6.2200e-003	6.9000e-004	6.0000e-005	7.5000e-004	0.0000	0.8737	0.8737	0.0000	0.0000	0.8738
Worker	1.1700e-003	1.7500e-003	0.0182	4.0000e-005	3.6200e-003	3.0000e-005	3.6500e-003	9.6000e-004	3.0000e-005	9.9000e-004	0.0000	3.2565	3.2565	1.7000e-004	0.0000	3.2600
Total	1.4200e-003	4.8700e-003	0.0204	5.0000e-005	9.7700e-003	1.0000e-004	9.8700e-003	1.6500e-003	9.0000e-005	1.7400e-003	0.0000	4.1302	4.1302	1.7000e-004	0.0000	4.1338

3.18 B-Install/Transfer Conductor (25) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0328	0.8435	0.6190	9.5000e-004		0.0249	0.0249		0.0249	0.0249	0.0000	88.0188	88.0188	0.0270	0.0000	88.5851
Total	0.0328	0.8435	0.6190	9.5000e-004		0.0249	0.0249		0.0249	0.0249	0.0000	88.0188	88.0188	0.0270	0.0000	88.5851

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	3.1200e-003	2.2300e-003	1.0000e-005	1.9800e-003	7.0000e-005	2.0500e-003	2.7000e-004	6.0000e-005	3.4000e-004	0.0000	0.8737	0.8737	0.0000	0.0000	0.8738
Worker	1.1700e-003	1.7500e-003	0.0182	4.0000e-005	3.6200e-003	3.0000e-005	3.6500e-003	9.6000e-004	3.0000e-005	9.9000e-004	0.0000	3.2565	3.2565	1.7000e-004	0.0000	3.2600
Total	1.4200e-003	4.8700e-003	0.0204	5.0000e-005	5.6000e-003	1.0000e-004	5.7000e-003	1.2300e-003	9.0000e-005	1.3300e-003	0.0000	4.1302	4.1302	1.7000e-004	0.0000	4.1338

3.19 B-Remove Existing Conductor & GW (11) - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1536	1.8407	0.9050	1.8700e-003		0.0788	0.0788		0.0725	0.0725	0.0000	173.0848	173.0848	0.0530	0.0000	174.1984
Total	0.1536	1.8407	0.9050	1.8700e-003		0.0788	0.0788		0.0725	0.0725	0.0000	173.0848	173.0848	0.0530	0.0000	174.1984

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5400e-003	0.0194	0.0138	6.0000e-005	0.0382	4.3000e-004	0.0386	4.2900e-003	3.9000e-004	4.6800e-003	0.0000	5.4262	5.4262	3.0000e-005	0.0000	5.4268
Worker	3.4100e-003	5.1100e-003	0.0531	1.3000e-004	0.0106	9.0000e-005	0.0107	2.8100e-003	8.0000e-005	2.8900e-003	0.0000	9.5173	9.5173	4.9000e-004	0.0000	9.5277
Total	4.9500e-003	0.0245	0.0670	1.9000e-004	0.0488	5.2000e-004	0.0493	7.1000e-003	4.7000e-004	7.5700e-003	0.0000	14.9435	14.9435	5.2000e-004	0.0000	14.9544

3.19 B-Remove Existing Conductor & GW (11) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0563	1.5744	1.1256	1.8700e-003		0.0416	0.0416		0.0416	0.0416	0.0000	173.0846	173.0846	0.0530	0.0000	174.1982
Total	0.0563	1.5744	1.1256	1.8700e-003		0.0416	0.0416		0.0416	0.0416	0.0000	173.0846	173.0846	0.0530	0.0000	174.1982

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5400e-003	0.0194	0.0138	6.0000e-005	0.0123	4.3000e-004	0.0127	1.7000e-003	3.9000e-004	2.0900e-003	0.0000	5.4262	5.4262	3.0000e-005	0.0000	5.4268
Worker	3.4100e-003	5.1100e-003	0.0531	1.3000e-004	0.0106	9.0000e-005	0.0107	2.8100e-003	8.0000e-005	2.8900e-003	0.0000	9.5173	9.5173	4.9000e-004	0.0000	9.5277
Total	4.9500e-003	0.0245	0.0670	1.9000e-004	0.0229	5.2000e-004	0.0234	4.5100e-003	4.7000e-004	4.9800e-003	0.0000	14.9435	14.9435	5.2000e-004	0.0000	14.9544

3.20 A-Remove Shoo-fly Conductor & GW (27) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0468	0.5374	0.2709	5.6000e-004		0.0235	0.0235		0.0216	0.0216	0.0000	52.4087	52.4087	0.0161	0.0000	52.7459
Total	0.0468	0.5374	0.2709	5.6000e-004		0.0235	0.0235		0.0216	0.0216	0.0000	52.4087	52.4087	0.0161	0.0000	52.7459

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-004	3.7300e-003	2.6600e-003	1.0000e-005	7.3400e-003	8.0000e-005	7.4200e-003	8.2000e-004	8.0000e-005	9.0000e-004	0.0000	1.0423	1.0423	1.0000e-005	0.0000	1.0424
Worker	9.8000e-004	1.4700e-003	0.0153	4.0000e-005	3.0500e-003	2.0000e-005	3.0700e-003	8.1000e-004	2.0000e-005	8.3000e-004	0.0000	2.7423	2.7423	1.4000e-004	0.0000	2.7453
Total	1.2800e-003	5.2000e-003	0.0180	5.0000e-005	0.0104	1.0000e-004	0.0105	1.6300e-003	1.0000e-004	1.7300e-003	0.0000	3.7846	3.7846	1.5000e-004	0.0000	3.7877

3.20 A-Remove Shoo-fly Conductor & GW (27) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0166	0.4643	0.3382	5.6000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	52.4086	52.4086	0.0161	0.0000	52.7458
Total	0.0166	0.4643	0.3382	5.6000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	52.4086	52.4086	0.0161	0.0000	52.7458

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-004	3.7300e-003	2.6600e-003	1.0000e-005	2.3600e-003	8.0000e-005	2.4400e-003	3.3000e-004	8.0000e-005	4.0000e-004	0.0000	1.0423	1.0423	1.0000e-005	0.0000	1.0424
Worker	9.8000e-004	1.4700e-003	0.0153	4.0000e-005	3.0500e-003	2.0000e-005	3.0700e-003	8.1000e-004	2.0000e-005	8.3000e-004	0.0000	2.7423	2.7423	1.4000e-004	0.0000	2.7453
Total	1.2800e-003	5.2000e-003	0.0180	5.0000e-005	5.4100e-003	1.0000e-004	5.5100e-003	1.1400e-003	1.0000e-004	1.2300e-003	0.0000	3.7846	3.7846	1.5000e-004	0.0000	3.7877

3.21 A-Shoo-fly Pole Removal (26) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.0200e-003	0.0643	0.0342	7.0000e-005		2.9500e-003	2.9500e-003		2.7700e-003	2.7700e-003	0.0000	6.6691	6.6691	1.8400e-003	0.0000	6.7077
Total	6.0200e-003	0.0643	0.0342	7.0000e-005		2.9500e-003	2.9500e-003		2.7700e-003	2.7700e-003	0.0000	6.6691	6.6691	1.8400e-003	0.0000	6.7077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	4.4000e-004	3.1000e-004	0.0000	8.6000e-004	1.0000e-005	8.7000e-004	1.0000e-004	1.0000e-005	1.1000e-004	0.0000	0.1226	0.1226	0.0000	0.0000	0.1226
Worker	6.0000e-005	9.0000e-005	9.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1613	0.1613	1.0000e-005	0.0000	0.1615
Total	9.0000e-005	5.3000e-004	1.2100e-003	0.0000	1.0400e-003	1.0000e-005	1.0500e-003	1.5000e-004	1.0000e-005	1.6000e-004	0.0000	0.2839	0.2839	1.0000e-005	0.0000	0.2841

3.21 A-Shoo-fly Pole Removal (26) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.1400e-003	0.0597	0.0416	7.0000e-005		1.6500e-003	1.6500e-003		1.6500e-003	1.6500e-003	0.0000	6.6691	6.6691	1.8400e-003	0.0000	6.7077
Total	2.1400e-003	0.0597	0.0416	7.0000e-005		1.6500e-003	1.6500e-003		1.6500e-003	1.6500e-003	0.0000	6.6691	6.6691	1.8400e-003	0.0000	6.7077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	4.4000e-004	3.1000e-004	0.0000	2.8000e-004	1.0000e-005	2.9000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.1226	0.1226	0.0000	0.0000	0.1226
Worker	6.0000e-005	9.0000e-005	9.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1613	0.1613	1.0000e-005	0.0000	0.1615
Total	9.0000e-005	5.3000e-004	1.2100e-003	0.0000	4.6000e-004	1.0000e-005	4.7000e-004	9.0000e-005	1.0000e-005	1.0000e-004	0.0000	0.2839	0.2839	1.0000e-005	0.0000	0.2841

3.22 A-Guard Structure Removal (28) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0319	0.3386	0.1661	3.6000e-004		0.0158	0.0158		0.0148	0.0148	0.0000	32.5876	32.5876	8.9100e-003	0.0000	32.7747
Total	0.0319	0.3386	0.1661	3.6000e-004		0.0158	0.0158		0.0148	0.0148	0.0000	32.5876	32.5876	8.9100e-003	0.0000	32.7747

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6000e-004	1.9700e-003	1.4100e-003	1.0000e-005	3.8800e-003	4.0000e-005	3.9300e-003	4.4000e-004	4.0000e-005	4.8000e-004	0.0000	0.5518	0.5518	0.0000	0.0000	0.5519
Worker	5.2000e-004	7.8000e-004	8.1000e-003	2.0000e-005	1.6100e-003	1.0000e-005	1.6300e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.4518	1.4518	7.0000e-005	0.0000	1.4534
Total	6.8000e-004	2.7500e-003	9.5100e-003	3.0000e-005	5.4900e-003	5.0000e-005	5.5600e-003	8.7000e-004	5.0000e-005	9.2000e-004	0.0000	2.0036	2.0036	7.0000e-005	0.0000	2.0052

3.22 A-Guard Structure Removal (28) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0100	0.2898	0.1986	3.6000e-004		7.6700e-003	7.6700e-003		7.6700e-003	7.6700e-003	0.0000	32.5876	32.5876	8.9100e-003	0.0000	32.7746
Total	0.0100	0.2898	0.1986	3.6000e-004		7.6700e-003	7.6700e-003		7.6700e-003	7.6700e-003	0.0000	32.5876	32.5876	8.9100e-003	0.0000	32.7746

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6000e-004	1.9700e-003	1.4100e-003	1.0000e-005	1.2500e-003	4.0000e-005	1.2900e-003	1.7000e-004	4.0000e-005	2.1000e-004	0.0000	0.5518	0.5518	0.0000	0.0000	0.5519
Worker	5.2000e-004	7.8000e-004	8.1000e-003	2.0000e-005	1.6100e-003	1.0000e-005	1.6300e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.4518	1.4518	7.0000e-005	0.0000	1.4534
Total	6.8000e-004	2.7500e-003	9.5100e-003	3.0000e-005	2.8600e-003	5.0000e-005	2.9200e-003	6.0000e-004	5.0000e-005	6.5000e-004	0.0000	2.0036	2.0036	7.0000e-005	0.0000	2.0052

3.23 B-LST Removal (12) - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0124	0.1280	0.0611	1.3000e-004		6.1900e-003	6.1900e-003		5.8300e-003	5.8300e-003	0.0000	11.8393	11.8393	3.1100e-003	0.0000	11.9047
Total	0.0124	0.1280	0.0611	1.3000e-004		6.1900e-003	6.1900e-003		5.8300e-003	5.8300e-003	0.0000	11.8393	11.8393	3.1100e-003	0.0000	11.9047

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-005	1.2300e-003	1.1500e-003	0.0000	1.2900e-003	2.0000e-005	1.3100e-003	1.4000e-004	2.0000e-005	1.6000e-004	0.0000	0.3008	0.3008	0.0000	0.0000	0.3008
Vendor	5.0000e-005	6.6000e-004	4.7000e-004	0.0000	1.2900e-003	1.0000e-005	1.3100e-003	1.5000e-004	1.0000e-005	1.6000e-004	0.0000	0.1839	0.1839	0.0000	0.0000	0.1840
Worker	1.5000e-004	2.3000e-004	2.3600e-003	1.0000e-005	4.7000e-004	0.0000	4.7000e-004	1.2000e-004	0.0000	1.3000e-004	0.0000	0.4234	0.4234	2.0000e-005	0.0000	0.4239
Total	2.9000e-004	2.1200e-003	3.9800e-003	1.0000e-005	3.0500e-003	3.0000e-005	3.0900e-003	4.1000e-004	3.0000e-005	4.5000e-004	0.0000	0.9082	0.9082	2.0000e-005	0.0000	0.9087

3.23 B-LST Removal (12) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5900e-003	0.1048	0.0715	1.3000e-004		2.7500e-003	2.7500e-003		2.7500e-003	2.7500e-003	0.0000	11.8393	11.8393	3.1100e-003	0.0000	11.9047
Total	3.5900e-003	0.1048	0.0715	1.3000e-004		2.7500e-003	2.7500e-003		2.7500e-003	2.7500e-003	0.0000	11.8393	11.8393	3.1100e-003	0.0000	11.9047

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-005	1.2300e-003	1.1500e-003	0.0000	4.1000e-004	2.0000e-005	4.3000e-004	5.0000e-005	2.0000e-005	7.0000e-005	0.0000	0.3008	0.3008	0.0000	0.0000	0.3008
Vendor	5.0000e-005	6.6000e-004	4.7000e-004	0.0000	4.2000e-004	1.0000e-005	4.3000e-004	6.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.1839	0.1839	0.0000	0.0000	0.1840
Worker	1.5000e-004	2.3000e-004	2.3600e-003	1.0000e-005	4.7000e-004	0.0000	4.7000e-004	1.2000e-004	0.0000	1.3000e-004	0.0000	0.4234	0.4234	2.0000e-005	0.0000	0.4239
Total	2.9000e-004	2.1200e-003	3.9800e-003	1.0000e-005	1.3000e-003	3.0000e-005	1.3300e-003	2.3000e-004	3.0000e-005	2.7000e-004	0.0000	0.9082	0.9082	2.0000e-005	0.0000	0.9087

3.24 B-LST Foundation Removal (13) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0103	0.0966	0.0670	1.2000e-004		5.5600e-003	5.5600e-003		5.2500e-003	5.2500e-003	0.0000	11.1331	11.1331	2.9000e-003	0.0000	11.1940
Total	0.0103	0.0966	0.0670	1.2000e-004		5.5600e-003	5.5600e-003		5.2500e-003	5.2500e-003	0.0000	11.1331	11.1331	2.9000e-003	0.0000	11.1940

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	1.1300e-003	1.0600e-003	0.0000	1.1800e-003	2.0000e-005	1.2000e-003	1.3000e-004	1.0000e-005	1.5000e-004	0.0000	0.2757	0.2757	0.0000	0.0000	0.2758
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	1.6000e-004	1.6900e-003	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3025	0.3025	2.0000e-005	0.0000	0.3028
Total	1.9000e-004	1.2900e-003	2.7500e-003	0.0000	1.5200e-003	2.0000e-005	1.5400e-003	2.2000e-004	1.0000e-005	2.4000e-004	0.0000	0.5782	0.5782	2.0000e-005	0.0000	0.5786

3.24 B-LST Foundation Removal (13) - 2017**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.2100e-003	0.1012	0.0771	1.2000e-004		3.2700e-003	3.2700e-003		3.2700e-003	3.2700e-003	0.0000	11.1331	11.1331	2.9000e-003	0.0000	11.1940
Total	4.2100e-003	0.1012	0.0771	1.2000e-004		3.2700e-003	3.2700e-003		3.2700e-003	3.2700e-003	0.0000	11.1331	11.1331	2.9000e-003	0.0000	11.1940

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	1.1300e-003	1.0600e-003	0.0000	3.8000e-004	2.0000e-005	3.9000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.2757	0.2757	0.0000	0.0000	0.2758
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	1.6000e-004	1.6900e-003	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3025	0.3025	2.0000e-005	0.0000	0.3028
Total	1.9000e-004	1.2900e-003	2.7500e-003	0.0000	7.2000e-004	2.0000e-005	7.3000e-004	1.4000e-004	1.0000e-005	1.5000e-004	0.0000	0.5782	0.5782	2.0000e-005	0.0000	0.5786

3.25 B-TSP Removal (14) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3300e-003	0.0330	0.0169	4.0000e-005		1.6300e-003	1.6300e-003		1.5500e-003	1.5500e-003	0.0000	3.2919	3.2919	8.4000e-004	0.0000	3.3095
Total	3.3300e-003	0.0330	0.0169	4.0000e-005		1.6300e-003	1.6300e-003		1.5500e-003	1.5500e-003	0.0000	3.2919	3.2919	8.4000e-004	0.0000	3.3095

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	9.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1613	0.1613	1.0000e-005	0.0000	0.1615
Total	6.0000e-005	9.0000e-005	9.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1613	0.1613	1.0000e-005	0.0000	0.1615

3.25 B-TSP Removal (14) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0200e-003	0.0289	0.0201	4.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	3.2919	3.2919	8.4000e-004	0.0000	3.3095
Total	1.0200e-003	0.0289	0.0201	4.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	3.2919	3.2919	8.4000e-004	0.0000	3.3095

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	9.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1613	0.1613	1.0000e-005	0.0000	0.1615
Total	6.0000e-005	9.0000e-005	9.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1613	0.1613	1.0000e-005	0.0000	0.1615

3.26 66 kV Pole Removal (16) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0151	0.1573	0.0835	1.5000e-004		7.9800e-003	7.9800e-003		7.5400e-003	7.5400e-003	0.0000	13.6862	13.6862	3.4700e-003	0.0000	13.7590
Total	0.0151	0.1573	0.0835	1.5000e-004		7.9800e-003	7.9800e-003		7.5400e-003	7.5400e-003	0.0000	13.6862	13.6862	3.4700e-003	0.0000	13.7590

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	1.8600e-003	1.3300e-003	1.0000e-005	3.6700e-003	4.0000e-005	3.7100e-003	4.1000e-004	4.0000e-005	4.5000e-004	0.0000	0.5212	0.5212	0.0000	0.0000	0.5212
Worker	4.3000e-004	6.4000e-004	6.6900e-003	2.0000e-005	1.3300e-003	1.0000e-005	1.3400e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.1998	1.1998	6.0000e-005	0.0000	1.2011
Total	5.8000e-004	2.5000e-003	8.0200e-003	3.0000e-005	5.0000e-003	5.0000e-005	5.0500e-003	7.6000e-004	5.0000e-005	8.1000e-004	0.0000	1.7209	1.7209	6.0000e-005	0.0000	1.7223

3.26 66 kV Pole Removal (16) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8400e-003	0.1286	0.0893	1.5000e-004		3.8300e-003	3.8300e-003		3.8300e-003	3.8300e-003	0.0000	13.6862	13.6862	3.4700e-003	0.0000	13.7590
Total	4.8400e-003	0.1286	0.0893	1.5000e-004		3.8300e-003	3.8300e-003		3.8300e-003	3.8300e-003	0.0000	13.6862	13.6862	3.4700e-003	0.0000	13.7590

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	1.8600e-003	1.3300e-003	1.0000e-005	1.1800e-003	4.0000e-005	1.2200e-003	1.6000e-004	4.0000e-005	2.0000e-004	0.0000	0.5212	0.5212	0.0000	0.0000	0.5212
Worker	4.3000e-004	6.4000e-004	6.6900e-003	2.0000e-005	1.3300e-003	1.0000e-005	1.3400e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.1998	1.1998	6.0000e-005	0.0000	1.2011
Total	5.8000e-004	2.5000e-003	8.0200e-003	3.0000e-005	2.5100e-003	5.0000e-005	2.5600e-003	5.1000e-004	5.0000e-005	5.6000e-004	0.0000	1.7209	1.7209	6.0000e-005	0.0000	1.7223

3.27 B-TSP Foundation Removal (15) - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.8800e-003	0.0644	0.0447	8.0000e-005		3.7100e-003	3.7100e-003		3.5000e-003	3.5000e-003	0.0000	7.4221	7.4221	1.9300e-003	0.0000	7.4627
Total	6.8800e-003	0.0644	0.0447	8.0000e-005		3.7100e-003	3.7100e-003		3.5000e-003	3.5000e-003	0.0000	7.4221	7.4221	1.9300e-003	0.0000	7.4627

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1100e-003	0.0160	0.0150	4.0000e-005	0.0168	2.3000e-004	0.0170	1.8500e-003	2.1000e-004	2.0600e-003	0.0000	3.9104	3.9104	3.0000e-005	0.0000	3.9110
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	1.1000e-004	1.1300e-003	0.0000	2.2000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.2016	0.2016	1.0000e-005	0.0000	0.2019
Total	1.1800e-003	0.0162	0.0161	4.0000e-005	0.0170	2.3000e-004	0.0172	1.9100e-003	2.1000e-004	2.1200e-003	0.0000	4.1120	4.1120	4.0000e-005	0.0000	4.1128

3.27 B-TSP Foundation Removal (15) - 2017**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8100e-003	0.0674	0.0514	8.0000e-005		2.1800e-003	2.1800e-003		2.1800e-003	2.1800e-003	0.0000	7.4221	7.4221	1.9300e-003	0.0000	7.4627
Total	2.8100e-003	0.0674	0.0514	8.0000e-005		2.1800e-003	2.1800e-003		2.1800e-003	2.1800e-003	0.0000	7.4221	7.4221	1.9300e-003	0.0000	7.4627

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1100e-003	0.0160	0.0150	4.0000e-005	5.3400e-003	2.3000e-004	5.5700e-003	7.1000e-004	2.1000e-004	9.2000e-004	0.0000	3.9104	3.9104	3.0000e-005	0.0000	3.9110
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	1.1000e-004	1.1300e-003	0.0000	2.2000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.2016	0.2016	1.0000e-005	0.0000	0.2019
Total	1.1800e-003	0.0162	0.0161	4.0000e-005	5.5600e-003	2.3000e-004	5.8000e-003	7.7000e-004	2.1000e-004	9.8000e-004	0.0000	4.1120	4.1120	4.0000e-005	0.0000	4.1128

3.28 Testing Phase 1 - 2017

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2300e-003	6.3400e-003	0.0658	1.6000e-004	0.0131	1.1000e-004	0.0132	3.4800e-003	1.0000e-004	3.5800e-003	0.0000	11.7959	11.7959	6.1000e-004	0.0000	11.8086
Total	4.2300e-003	6.3400e-003	0.0658	1.6000e-004	0.0131	1.1000e-004	0.0132	3.4800e-003	1.0000e-004	3.5800e-003	0.0000	11.7959	11.7959	6.1000e-004	0.0000	11.8086

3.28 Testing Phase 1 - 2017

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2300e-003	6.3400e-003	0.0658	1.6000e-004	0.0131	1.1000e-004	0.0132	3.4800e-003	1.0000e-004	3.5800e-003	0.0000	11.7959	11.7959	6.1000e-004	0.0000	11.8086
Total	4.2300e-003	6.3400e-003	0.0658	1.6000e-004	0.0131	1.1000e-004	0.0132	3.4800e-003	1.0000e-004	3.5800e-003	0.0000	11.7959	11.7959	6.1000e-004	0.0000	11.8086

3.29 Install Underground Cable (30) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1165	1.3628	0.6370	1.1200e-003		0.0637	0.0637		0.0586	0.0586	0.0000	104.2357	104.2357	0.0319	0.0000	104.9064
Total	0.1165	1.3628	0.6370	1.1200e-003		0.0637	0.0637		0.0586	0.0586	0.0000	104.2357	104.2357	0.0319	0.0000	104.9064

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7000e-004	8.5000e-004	8.8300e-003	2.0000e-005	1.7600e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.5829	1.5829	8.0000e-005	0.0000	1.5846
Total	5.7000e-004	8.5000e-004	8.8300e-003	2.0000e-005	1.7600e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.5829	1.5829	8.0000e-005	0.0000	1.5846

3.29 Install Underground Cable (30) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0351	0.9706	0.7037	1.1200e-003		0.0254	0.0254		0.0254	0.0254	0.0000	104.2356	104.2356	0.0319	0.0000	104.9063
Total	0.0351	0.9706	0.7037	1.1200e-003		0.0254	0.0254		0.0254	0.0254	0.0000	104.2356	104.2356	0.0319	0.0000	104.9063

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7000e-004	8.5000e-004	8.8300e-003	2.0000e-005	1.7600e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.5829	1.5829	8.0000e-005	0.0000	1.5846
Total	5.7000e-004	8.5000e-004	8.8300e-003	2.0000e-005	1.7600e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.5829	1.5829	8.0000e-005	0.0000	1.5846

3.30 Splice Underground Cable (31) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0405	0.3515	0.2456	3.0000e-004		0.0289	0.0289		0.0266	0.0266	0.0000	27.6476	27.6476	8.4700e-003	0.0000	27.8255
Total	0.0405	0.3515	0.2456	3.0000e-004		0.0289	0.0289		0.0266	0.0266	0.0000	27.6476	27.6476	8.4700e-003	0.0000	27.8255

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	4.3000e-004	4.4200e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.9000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7914	0.7914	4.0000e-005	0.0000	0.7923
Total	2.8000e-004	4.3000e-004	4.4200e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.9000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7914	0.7914	4.0000e-005	0.0000	0.7923

3.30 Splice Underground Cable (31) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0141	0.2918	0.2273	3.0000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	27.6476	27.6476	8.4700e-003	0.0000	27.8255
Total	0.0141	0.2918	0.2273	3.0000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	27.6476	27.6476	8.4700e-003	0.0000	27.8255

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	4.3000e-004	4.4200e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.9000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7914	0.7914	4.0000e-005	0.0000	0.7923
Total	2.8000e-004	4.3000e-004	4.4200e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.9000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7914	0.7914	4.0000e-005	0.0000	0.7923

3.31 B-Guard Structure Installation (6) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.8800e-003	0.1104	0.0538	1.4000e-004		4.6000e-003	4.6000e-003		4.3000e-003	4.3000e-003	0.0000	13.0083	13.0083	3.7500e-003	0.0000	13.0870
Total	9.8800e-003	0.1104	0.0538	1.4000e-004		4.6000e-003	4.6000e-003		4.3000e-003	4.3000e-003	0.0000	13.0083	13.0083	3.7500e-003	0.0000	13.0870

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	4.4000e-004	3.1000e-004	0.0000	8.6000e-004	1.0000e-005	8.7000e-004	1.0000e-004	1.0000e-005	1.1000e-004	0.0000	0.1226	0.1226	0.0000	0.0000	0.1226
Worker	6.0000e-005	9.0000e-005	9.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1613	0.1613	1.0000e-005	0.0000	0.1615
Total	9.0000e-005	5.3000e-004	1.2100e-003	0.0000	1.0400e-003	1.0000e-005	1.0500e-003	1.5000e-004	1.0000e-005	1.6000e-004	0.0000	0.2839	0.2839	1.0000e-005	0.0000	0.2841

3.31 B-Guard Structure Installation (6) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.7600e-003	0.1150	0.0774	1.4000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003	0.0000	13.0083	13.0083	3.7500e-003	0.0000	13.0870
Total	3.7600e-003	0.1150	0.0774	1.4000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003	0.0000	13.0083	13.0083	3.7500e-003	0.0000	13.0870

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	4.4000e-004	3.1000e-004	0.0000	2.8000e-004	1.0000e-005	2.9000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.1226	0.1226	0.0000	0.0000	0.1226
Worker	6.0000e-005	9.0000e-005	9.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1613	0.1613	1.0000e-005	0.0000	0.1615
Total	9.0000e-005	5.3000e-004	1.2100e-003	0.0000	4.6000e-004	1.0000e-005	4.7000e-004	9.0000e-005	1.0000e-005	1.0000e-004	0.0000	0.2839	0.2839	1.0000e-005	0.0000	0.2841

3.32 C-Remove Existing Conductor & GW (11) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0442	0.5304	0.2608	5.4000e-004		0.0227	0.0227		0.0209	0.0209	0.0000	49.8719	49.8719	0.0153	0.0000	50.1928
Total	0.0442	0.5304	0.2608	5.4000e-004		0.0227	0.0227		0.0209	0.0209	0.0000	49.8719	49.8719	0.0153	0.0000	50.1928

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4000e-004	5.5900e-003	3.9900e-003	2.0000e-005	0.0110	1.2000e-004	0.0111	1.2400e-003	1.1000e-004	1.3500e-003	0.0000	1.5635	1.5635	1.0000e-005	0.0000	1.5637
Worker	9.8000e-004	1.4700e-003	0.0153	4.0000e-005	3.0500e-003	2.0000e-005	3.0700e-003	8.1000e-004	2.0000e-005	8.3000e-004	0.0000	2.7423	2.7423	1.4000e-004	0.0000	2.7453
Total	1.4200e-003	7.0600e-003	0.0193	6.0000e-005	0.0141	1.4000e-004	0.0142	2.0500e-003	1.3000e-004	2.1800e-003	0.0000	4.3058	4.3058	1.5000e-004	0.0000	4.3089

3.32 C-Remove Existing Conductor & GW (11) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0162	0.4537	0.3243	5.4000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	49.8718	49.8718	0.0153	0.0000	50.1927
Total	0.0162	0.4537	0.3243	5.4000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	49.8718	49.8718	0.0153	0.0000	50.1927

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4000e-004	5.5900e-003	3.9900e-003	2.0000e-005	3.5400e-003	1.2000e-004	3.6600e-003	4.9000e-004	1.1000e-004	6.0000e-004	0.0000	1.5635	1.5635	1.0000e-005	0.0000	1.5637
Worker	9.8000e-004	1.4700e-003	0.0153	4.0000e-005	3.0500e-003	2.0000e-005	3.0700e-003	8.1000e-004	2.0000e-005	8.3000e-004	0.0000	2.7423	2.7423	1.4000e-004	0.0000	2.7453
Total	1.4200e-003	7.0600e-003	0.0193	6.0000e-005	6.5900e-003	1.4000e-004	6.7300e-003	1.3000e-003	1.3000e-004	1.4300e-003	0.0000	4.3058	4.3058	1.5000e-004	0.0000	4.3089

3.33 C-LST Removal (12) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0145	0.1493	0.0712	1.5000e-004		7.2200e-003	7.2200e-003		6.8000e-003	6.8000e-003	0.0000	13.8125	13.8125	3.6300e-003	0.0000	13.8888
Total	0.0145	0.1493	0.0712	1.5000e-004		7.2200e-003	7.2200e-003		6.8000e-003	6.8000e-003	0.0000	13.8125	13.8125	3.6300e-003	0.0000	13.8888

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-004	1.4400e-003	1.3400e-003	0.0000	1.5000e-003	2.0000e-005	1.5200e-003	1.7000e-004	2.0000e-005	1.8000e-004	0.0000	0.3509	0.3509	0.0000	0.0000	0.3510
Vendor	6.0000e-005	7.7000e-004	5.5000e-004	0.0000	1.5100e-003	2.0000e-005	1.5300e-003	1.7000e-004	2.0000e-005	1.9000e-004	0.0000	0.2146	0.2146	0.0000	0.0000	0.2146
Worker	1.8000e-004	2.7000e-004	2.7600e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4940	0.4940	3.0000e-005	0.0000	0.4946
Total	3.4000e-004	2.4800e-003	4.6500e-003	1.0000e-005	3.5600e-003	4.0000e-005	3.6000e-003	4.9000e-004	4.0000e-005	5.2000e-004	0.0000	1.0595	1.0595	3.0000e-005	0.0000	1.0602

3.33 C-LST Removal (12) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.1900e-003	0.1223	0.0834	1.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003	0.0000	13.8125	13.8125	3.6300e-003	0.0000	13.8888
Total	4.1900e-003	0.1223	0.0834	1.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003	0.0000	13.8125	13.8125	3.6300e-003	0.0000	13.8888

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-004	1.4400e-003	1.3400e-003	0.0000	4.8000e-004	2.0000e-005	5.0000e-004	6.0000e-005	2.0000e-005	8.0000e-005	0.0000	0.3509	0.3509	0.0000	0.0000	0.3510
Vendor	6.0000e-005	7.7000e-004	5.5000e-004	0.0000	4.9000e-004	2.0000e-005	5.0000e-004	7.0000e-005	2.0000e-005	8.0000e-005	0.0000	0.2146	0.2146	0.0000	0.0000	0.2146
Worker	1.8000e-004	2.7000e-004	2.7600e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4940	0.4940	3.0000e-005	0.0000	0.4946
Total	3.4000e-004	2.4800e-003	4.6500e-003	1.0000e-005	1.5200e-003	4.0000e-005	1.5500e-003	2.8000e-004	4.0000e-005	3.1000e-004	0.0000	1.0595	1.0595	3.0000e-005	0.0000	1.0602

3.34 C-LST Foundation Removal (13) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0121	0.1127	0.0782	1.4000e-004		6.4900e-003	6.4900e-003		6.1300e-003	6.1300e-003	0.0000	12.9887	12.9887	3.3800e-003	0.0000	13.0597
Total	0.0121	0.1127	0.0782	1.4000e-004		6.4900e-003	6.4900e-003		6.1300e-003	6.1300e-003	0.0000	12.9887	12.9887	3.3800e-003	0.0000	13.0597

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-005	1.3400e-003	1.2500e-003	0.0000	1.4000e-003	2.0000e-005	1.4200e-003	1.5000e-004	2.0000e-005	1.7000e-004	0.0000	0.3259	0.3259	0.0000	0.0000	0.3259
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	1.9000e-004	1.9700e-003	0.0000	3.9000e-004	0.0000	4.0000e-004	1.0000e-004	0.0000	1.1000e-004	0.0000	0.3529	0.3529	2.0000e-005	0.0000	0.3533
Total	2.2000e-004	1.5300e-003	3.2200e-003	0.0000	1.7900e-003	2.0000e-005	1.8200e-003	2.5000e-004	2.0000e-005	2.8000e-004	0.0000	0.6787	0.6787	2.0000e-005	0.0000	0.6792

3.34 C-LST Foundation Removal (13) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.9100e-003	0.1180	0.0899	1.4000e-004		3.8100e-003	3.8100e-003		3.8100e-003	3.8100e-003	0.0000	12.9886	12.9886	3.3800e-003	0.0000	13.0597
Total	4.9100e-003	0.1180	0.0899	1.4000e-004		3.8100e-003	3.8100e-003		3.8100e-003	3.8100e-003	0.0000	12.9886	12.9886	3.3800e-003	0.0000	13.0597

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-005	1.3400e-003	1.2500e-003	0.0000	4.4000e-004	2.0000e-005	4.6000e-004	6.0000e-005	2.0000e-005	8.0000e-005	0.0000	0.3259	0.3259	0.0000	0.0000	0.3259
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	1.9000e-004	1.9700e-003	0.0000	3.9000e-004	0.0000	4.0000e-004	1.0000e-004	0.0000	1.1000e-004	0.0000	0.3529	0.3529	2.0000e-005	0.0000	0.3533
Total	2.2000e-004	1.5300e-003	3.2200e-003	0.0000	8.3000e-004	2.0000e-005	8.6000e-004	1.6000e-004	2.0000e-005	1.9000e-004	0.0000	0.6787	0.6787	2.0000e-005	0.0000	0.6792

3.35 C-TSP Removal (14) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3300e-003	0.0330	0.0169	4.0000e-005		1.6300e-003	1.6300e-003		1.5500e-003	1.5500e-003	0.0000	3.2919	3.2919	8.4000e-004	0.0000	3.3095
Total	3.3300e-003	0.0330	0.0169	4.0000e-005		1.6300e-003	1.6300e-003		1.5500e-003	1.5500e-003	0.0000	3.2919	3.2919	8.4000e-004	0.0000	3.3095

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	9.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1613	0.1613	1.0000e-005	0.0000	0.1615
Total	6.0000e-005	9.0000e-005	9.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1613	0.1613	1.0000e-005	0.0000	0.1615

3.35 C-TSP Removal (14) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0200e-003	0.0289	0.0201	4.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	3.2919	3.2919	8.4000e-004	0.0000	3.3095
Total	1.0200e-003	0.0289	0.0201	4.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	3.2919	3.2919	8.4000e-004	0.0000	3.3095

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	9.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1613	0.1613	1.0000e-005	0.0000	0.1615
Total	6.0000e-005	9.0000e-005	9.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1613	0.1613	1.0000e-005	0.0000	0.1615

3.36 C-TSP Foundation Removal (15) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7200e-003	0.0161	0.0112	2.0000e-005		9.3000e-004	9.3000e-004		8.8000e-004	8.8000e-004	0.0000	1.8555	1.8555	4.8000e-004	0.0000	1.8657
Total	1.7200e-003	0.0161	0.0112	2.0000e-005		9.3000e-004	9.3000e-004		8.8000e-004	8.8000e-004	0.0000	1.8555	1.8555	4.8000e-004	0.0000	1.8657

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.3000e-004	3.2900e-003	3.0700e-003	1.0000e-005	3.4400e-003	5.0000e-005	3.4800e-003	3.8000e-004	4.0000e-005	4.2000e-004	0.0000	0.8021	0.8021	1.0000e-005	0.0000	0.8023
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	3.0000e-005	2.8000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0504	0.0504	0.0000	0.0000	0.0505
Total	2.5000e-004	3.3200e-003	3.3500e-003	1.0000e-005	3.5000e-003	5.0000e-005	3.5400e-003	3.9000e-004	4.0000e-005	4.4000e-004	0.0000	0.8525	0.8525	1.0000e-005	0.0000	0.8527

3.36 C-TSP Foundation Removal (15) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.0000e-004	0.0169	0.0129	2.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	1.8555	1.8555	4.8000e-004	0.0000	1.8657
Total	7.0000e-004	0.0169	0.0129	2.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	1.8555	1.8555	4.8000e-004	0.0000	1.8657

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.3000e-004	3.2900e-003	3.0700e-003	1.0000e-005	1.0900e-003	5.0000e-005	1.1400e-003	1.4000e-004	4.0000e-005	1.9000e-004	0.0000	0.8021	0.8021	1.0000e-005	0.0000	0.8023
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	3.0000e-005	2.8000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0504	0.0504	0.0000	0.0000	0.0505
Total	2.5000e-004	3.3200e-003	3.3500e-003	1.0000e-005	1.1500e-003	5.0000e-005	1.2000e-003	1.5000e-004	4.0000e-005	2.1000e-004	0.0000	0.8525	0.8525	1.0000e-005	0.0000	0.8527

3.37 Maintenance Crew Equipment Check Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.5400e-003	0.0738	0.0351	1.0000e-004		2.7400e-003	2.7400e-003		2.5200e-003	2.5200e-003	0.0000	9.1462	9.1462	2.8000e-003	0.0000	9.2051
Total	6.5400e-003	0.0738	0.0351	1.0000e-004	0.0000	2.7400e-003	2.7400e-003	0.0000	2.5200e-003	2.5200e-003	0.0000	9.1462	9.1462	2.8000e-003	0.0000	9.2051

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	1.6000e-004	1.6900e-003	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3025	0.3025	2.0000e-005	0.0000	0.3028
Total	1.1000e-004	1.6000e-004	1.6900e-003	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3025	0.3025	2.0000e-005	0.0000	0.3028

3.37 Maintenance Crew Equipment Check Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4100e-003	0.0762	0.0523	1.0000e-004		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003	0.0000	9.1462	9.1462	2.8000e-003	0.0000	9.2051
Total	2.4100e-003	0.0762	0.0523	1.0000e-004	0.0000	1.7700e-003	1.7700e-003	0.0000	1.7700e-003	1.7700e-003	0.0000	9.1462	9.1462	2.8000e-003	0.0000	9.2051

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	1.6000e-004	1.6900e-003	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3025	0.3025	2.0000e-005	0.0000	0.3028
Total	1.1000e-004	1.6000e-004	1.6900e-003	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3025	0.3025	2.0000e-005	0.0000	0.3028

3.38 Asphaltting Phase 1 - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.1700e-003	0.0745	0.0511	7.0000e-005		4.4100e-003	4.4100e-003		4.0500e-003	4.0500e-003	0.0000	6.8999	6.8999	2.1100e-003	0.0000	6.9443
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.1700e-003	0.0745	0.0511	7.0000e-005		4.4100e-003	4.4100e-003		4.0500e-003	4.0500e-003	0.0000	6.8999	6.8999	2.1100e-003	0.0000	6.9443

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.7000e-003	0.0246	0.0230	7.0000e-005	0.0257	3.5000e-004	0.0260	2.8300e-003	3.2000e-004	3.1500e-003	0.0000	5.9909	5.9909	4.0000e-005	0.0000	5.9918
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	6.2000e-004	6.4100e-003	2.0000e-005	1.2800e-003	1.0000e-005	1.2900e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.1493	1.1493	6.0000e-005	0.0000	1.1506
Total	2.1100e-003	0.0252	0.0294	9.0000e-005	0.0270	3.6000e-004	0.0273	3.1700e-003	3.3000e-004	3.5000e-003	0.0000	7.1402	7.1402	1.0000e-004	0.0000	7.1424

3.38 Asphaltting Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1100e-003	0.0667	0.0564	7.0000e-005		2.3000e-003	2.3000e-003		2.3000e-003	2.3000e-003	0.0000	6.8999	6.8999	2.1100e-003	0.0000	6.9443
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.1100e-003	0.0667	0.0564	7.0000e-005		2.3000e-003	2.3000e-003		2.3000e-003	2.3000e-003	0.0000	6.8999	6.8999	2.1100e-003	0.0000	6.9443

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.7000e-003	0.0246	0.0230	7.0000e-005	8.1800e-003	3.5000e-004	8.5300e-003	1.0800e-003	3.2000e-004	1.4100e-003	0.0000	5.9909	5.9909	4.0000e-005	0.0000	5.9918
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	6.2000e-004	6.4100e-003	2.0000e-005	1.2800e-003	1.0000e-005	1.2900e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.1493	1.1493	6.0000e-005	0.0000	1.1506
Total	2.1100e-003	0.0252	0.0294	9.0000e-005	9.4600e-003	3.6000e-004	9.8200e-003	1.4200e-003	3.3000e-004	1.7600e-003	0.0000	7.1402	7.1402	1.0000e-004	0.0000	7.1424

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

4.2 Trip Summary Information

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

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507717	0.059700	0.181648	0.140055	0.042936	0.006749	0.016265	0.033349	0.001955	0.002502	0.004345	0.000573	0.002206

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

6.0 Area Detail

6.1 Mitigation Measures Area

6.2 Area by SubCategory

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Mesa 500 kV Substation Project
South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Equipment list and Calendar provided by SCE.

Land Use -

Construction Phase - Construction schedule provided by SCE.

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Trips and VMT - Equipment list and schedule provided by SCE. All trips assumed to be 15 miles.

On-road Fugitive Dust - Paved areas base on project design compare to trip distance.

Grading - Details taken from Chapter 3 - Project Description

Road Dust -

Energy Use -

Construction Off-road Equipment Mitigation - Mitigation equipment based on equipment list provided by SCE

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	35.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	48.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	39.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
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tblConstructionPhase	PhaseStartDate	3/11/2017	1/23/2017
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tblConstructionPhase	PhaseStartDate	4/7/2017	3/23/2017
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tblGrading	AcresOfGrading	1,170.00	0.00
tblGrading	MaterialExported	0.00	36,285.50
tblGrading	MaterialExported	0.00	1,196.00

tblGrading	MaterialImported	0.00	40,069.90
tblOffRoadEquipment	HorsePower	400.00	87.00
tblOffRoadEquipment	LoadFactor	0.38	0.34
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
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2.0 Emissions Summary

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Survey	Site Preparation	1/1/2017	12/31/2017	6	312	
2	Survey (1)	Site Preparation	1/1/2017	12/31/2017	6	312	
3	MEER Phase 1	Site Preparation	1/1/2017	4/5/2017	6	81	
4	Fencing Phase 1 Block Wall	Site Preparation	1/1/2017	1/13/2017	6	11	
5	Grading Phase 1	Grading	1/1/2017	1/13/2017	6	11	
6	Civil Installation	Grading	1/1/2017	12/31/2017	6	312	
7	Civil Phase 1	Grading	1/1/2017	5/5/2017	6	107	
8	Construction and Materials Yard (2)	Building Construction	1/1/2017	12/31/2017	6	312	
9	Wood Pole Replacement & Transfer of Facilities	Building Construction	1/1/2017	6/30/2017	6	155	
10	Fiber Optic Cable Installation	Building Construction	1/1/2017	12/31/2017	6	312	
11	Fiber Optic/Copper Cable Removal	Building Construction	1/1/2017	6/30/2017	6	155	
12	Splicing & Testing	Building Construction	1/1/2017	12/31/2017	6	312	
13	Control Building Phase 1	Building Construction	1/1/2017	7/14/2017	6	167	
14	Test & Maintenance Building Phase 1	Building Construction	1/1/2017	6/2/2017	6	131	
15	A-Install/Transfer Conductor (25)	Building Construction	1/1/2017	2/6/2017	6	31	
16	A-LST Steel Assembly (19)	Building Construction	1/1/2017	1/17/2017	6	14	
17	B-Install/Transfer Conductor (25)	Building Construction	1/1/2017	1/23/2017	6	19	
18	B-Remove Existing Conductor & GW (11)	Building Construction	1/1/2017	3/10/2017	6	59	
19	A-Remove Shoo-fly Conductor & GW (27)	Building Construction	1/23/2017	2/10/2017	6	17	
20	A-Shoo-fly Pole Removal (26)	Building Construction	2/10/2017	2/14/2017	6	4	
21	A-Guard Structure Removal (28)	Building Construction	2/14/2017	3/6/2017	6	18	
22	B-LST Removal (12)	Building Construction	3/10/2017	3/16/2017	6	6	

23	B-LST Foundation Removal (13)	Building Construction	3/17/2017	3/23/2017	6	6
24	B-TSP Removal (14)	Building Construction	3/17/2017	3/18/2017	6	2
25	66 kV Pole Removal (16)	Building Construction	3/18/2017	4/6/2017	6	17
26	B-TSP Foundation Removal (15)	Building Construction	3/23/2017	3/27/2017	6	4
27	Testing Phase 1	Site Preparation	6/4/2017	12/31/2017	6	180
28	Install Underground Cable (30)	Building Construction	7/1/2017	12/31/2017	6	157
29	Splice Underground Cable (31)	Building Construction	7/1/2017	12/31/2017	6	157
30	B-Guard Structure Installation (6)	Building Construction	9/5/2017	9/8/2017	6	4
31	C-Remove Existing Conductor & GW (11)	Building Construction	9/8/2017	9/27/2017	6	17
32	C-LST Removal (12)	Building Construction	9/27/2017	10/4/2017	6	7
33	C-LST Foundation Removal (13)	Building Construction	10/4/2017	10/11/2017	6	7
34	C-TSP Removal (14)	Building Construction	10/4/2017	10/5/2017	6	2
35	C-TSP Foundation Removal (15)	Building Construction	10/12/2017	10/12/2017	6	1
36	Maintenance Crew Equipment Check Phase 1	Site Preparation	12/18/2017	12/31/2017	6	12
37	Asphalting Phase 1	Paving	12/18/2017	12/31/2017	6	12

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Survey	Graders	0	0.00	174	0.41
Survey	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Survey (1)	Graders	0	0.00	174	0.41
Survey (1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37

MEER Phase 1	Aerial Lifts	2	10.00	62	0.31
MEER Phase 1	Cranes	1	5.00	226	0.29
MEER Phase 1	Forklifts	3	5.00	89	0.20
MEER Phase 1	Generator Sets	1	12.00	84	0.74
MEER Phase 1	Graders	0	0.00	174	0.41
MEER Phase 1	Off-Highway Trucks	2	3.00	400	0.38
MEER Phase 1	Pumps	1	5.00	84	0.74
MEER Phase 1	Skid Steer Loaders	2	10.00	64	0.37
MEER Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
MEER Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Fencing Phase 1 Block Wall	Forklifts	1	10.00	89	0.20
Fencing Phase 1 Block Wall	Graders	0	0.00	174	0.41
Fencing Phase 1 Block Wall	Pumps	1	6.00	84	0.74
Fencing Phase 1 Block Wall	Skid Steer Loaders	1	10.00	64	0.37
Fencing Phase 1 Block Wall	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Grading Phase 1	Concrete/Industrial Saws	0	0.00	81	0.73
Grading Phase 1	Crawler Tractors	2	10.00	208	0.43
Grading Phase 1	Graders	2	10.00	174	0.41
Grading Phase 1	Off-Highway Trucks	4	10.00	400	0.38
Grading Phase 1	Rubber Tired Dozers	0	0.00	255	0.40
Grading Phase 1	Scrapers	4	10.00	361	0.48
Grading Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation	Air Compressors	1	10.00	78	0.48
Civil Installation	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Installation	Graders	2	10.00	174	0.41
Civil Installation	Off-Highway Trucks	2	10.00	400	0.38
Civil Installation	Rubber Tired Dozers	0	0.00	255	0.40
Civil Installation	Scrapers	2	10.00	361	0.48

Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Phase 1	Bore/Drill Rigs	3	10.00	205	0.50
Civil Phase 1	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Phase 1	Cranes	2	5.00	226	0.29
Civil Phase 1	Excavators	3	10.00	162	0.38
Civil Phase 1	Forklifts	4	6.00	89	0.20
Civil Phase 1	Off-Highway Trucks	3	10.00	400	0.38
Civil Phase 1	Pumps	1	5.00	84	0.74
Civil Phase 1	Rubber Tired Dozers	0	0.00	255	0.40
Civil Phase 1	Skid Steer Loaders	4	10.00	64	0.37
Civil Phase 1	Tractors/Loaders/Backhoes	6	10.00	97	0.37
Civil Phase 1	Tractors/Loaders/Backhoes	3	10.00	97	0.37
Construction and Materials Yard (2)	Cranes	1	5.00	226	0.29
Construction and Materials Yard (2)	Forklifts	1	5.00	89	0.20
Construction and Materials Yard (2)	Off-Highway Trucks	1	10.00	400	0.38
Construction and Materials Yard (2)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Wood Pole Replacement & Transfer of Facilities	Aerial Lifts	2	10.00	62	0.31
Wood Pole Replacement & Transfer of Facilities	Bore/Drill Rigs	2	10.00	205	0.50
Wood Pole Replacement & Transfer of Facilities	Cranes	2	10.00	226	0.29
Wood Pole Replacement & Transfer of Facilities	Forklifts	0	0.00	89	0.20
Wood Pole Replacement & Transfer of Facilities	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Fiber Optic Cable Installation	Aerial Lifts	2	10.00	62	0.31
Fiber Optic Cable Installation	Cranes	0	0.00	226	0.29
Fiber Optic Cable Installation	Forklifts	0	0.00	89	0.20
Fiber Optic Cable Installation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Fiber Optic/Copper Cable Removal	Aerial Lifts	2	10.00	62	0.31

Fiber Optic/Copper Cable Removal	Cranes	0	0.00	226	0.29
Fiber Optic/Copper Cable Removal	Forklifts	0	0.00	89	0.20
Fiber Optic/Copper Cable Removal	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Splicing & Testing	Cranes	0	0.00	226	0.29
Splicing & Testing	Forklifts	0	0.00	89	0.20
Splicing & Testing	Other General Industrial Equipment	2	10.00	87	0.34
Splicing & Testing	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Control Building Phase 1	Aerial Lifts	2	10.00	62	0.31
Control Building Phase 1	Cranes	1	5.00	226	0.29
Control Building Phase 1	Forklifts	3	5.00	89	0.20
Control Building Phase 1	Off-Highway Trucks	2	3.00	400	0.38
Control Building Phase 1	Pumps	1	5.00	84	0.74
Control Building Phase 1	Skid Steer Loaders	2	10.00	64	0.37
Control Building Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Control Building Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Test & Maintenance Building Phase 1	Aerial Lifts	2	10.00	62	0.31
Test & Maintenance Building Phase 1	Cranes	1	5.00	226	0.29
Test & Maintenance Building Phase 1	Forklifts	3	5.00	89	0.20
Test & Maintenance Building Phase 1	Off-Highway Trucks	2	3.00	400	0.38
Test & Maintenance Building Phase 1	Pumps	1	5.00	84	0.74
Test & Maintenance Building Phase 1	Skid Steer Loaders	2	10.00	64	0.37
Test & Maintenance Building Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Test & Maintenance Building Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
A-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
A-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
A-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
A-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
A-Install/Transfer Conductor (25)	Forklifts	0	0.00	89	0.20

A-Install/Transfer Conductor (25)	Other Construction Equipment	1	10.00	171	0.42
A-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
A-Install/Transfer Conductor (25)	Other Construction Equipment	4	10.00	171	0.42
A-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
A-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
A-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
A-LST Steel Assembly (19)	Air Compressors	2	7.00	78	0.48
A-LST Steel Assembly (19)	Cranes	2	10.00	226	0.29
A-LST Steel Assembly (19)	Forklifts	2	7.00	89	0.20
A-LST Steel Assembly (19)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
B-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
B-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
B-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
B-Install/Transfer Conductor (25)	Forklifts	0	0.00	89	0.20
B-Install/Transfer Conductor (25)	Other Construction Equipment	1	10.00	171	0.42
B-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	87	0.34
B-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
B-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
B-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
B-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
B-Remove Existing Conductor & GW (11)	Forklifts	0	0.00	89	0.20
B-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38

B-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42
B-Remove Existing Conductor & GW (11)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
A-Remove Shoo-fly Conductor & GW (27)	Aerial Lifts	2	10.00	62	0.31
A-Remove Shoo-fly Conductor & GW (27)	Cranes	4	5.00	226	0.29
A-Remove Shoo-fly Conductor & GW (27)	Forklifts	0	0.00	89	0.20
A-Remove Shoo-fly Conductor & GW (27)	Off-Highway Trucks	2	5.00	400	0.38
A-Remove Shoo-fly Conductor & GW (27)	Off-Highway Trucks	1	10.00	400	0.38
A-Remove Shoo-fly Conductor & GW (27)	Other Construction Equipment	4	5.00	171	0.42
A-Remove Shoo-fly Conductor & GW (27)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
A-Shoo-fly Pole Removal (26)	Aerial Lifts	2	10.00	62	0.31
A-Shoo-fly Pole Removal (26)	Air Compressors	2	6.00	78	0.48
A-Shoo-fly Pole Removal (26)	Cranes	2	7.00	226	0.29
A-Shoo-fly Pole Removal (26)	Forklifts	0	0.00	89	0.20
A-Shoo-fly Pole Removal (26)	Off-Highway Trucks	1	10.00	400	0.38
A-Shoo-fly Pole Removal (26)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
A-Guard Structure Removal (28)	Aerial Lifts	2	5.00	62	0.31
A-Guard Structure Removal (28)	Air Compressors	2	7.00	78	0.48
A-Guard Structure Removal (28)	Cranes	2	10.00	226	0.29
A-Guard Structure Removal (28)	Forklifts	0	0.00	89	0.20
A-Guard Structure Removal (28)	Off-Highway Trucks	1	10.00	400	0.38
A-Guard Structure Removal (28)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-LST Removal (12)	Air Compressors	2	10.00	78	0.48
B-LST Removal (12)	Cranes	2	7.00	226	0.29
B-LST Removal (12)	Cranes	2	5.00	226	0.29
B-LST Removal (12)	Forklifts	0	0.00	89	0.20
B-LST Removal (12)	Off-Highway Trucks	1	10.00	400	0.38

B-LST Removal (12)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-LST Foundation Removal (13)	Air Compressors	2	10.00	78	0.48
B-LST Foundation Removal (13)	Cranes	0	0.00	226	0.29
B-LST Foundation Removal (13)	Excavators	1	10.00	162	0.38
B-LST Foundation Removal (13)	Forklifts	0	0.00	89	0.20
B-LST Foundation Removal (13)	Off-Highway Trucks	1	10.00	400	0.38
B-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
B-TSP Removal (14)	Air Compressors	2	10.00	78	0.48
B-TSP Removal (14)	Cranes	2	7.00	226	0.29
B-TSP Removal (14)	Forklifts	0	0.00	89	0.20
B-TSP Removal (14)	Off-Highway Trucks	1	10.00	400	0.38
B-TSP Removal (14)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
66 kV Pole Removal (16)	Aerial Lifts	2	7.00	62	0.31
66 kV Pole Removal (16)	Air Compressors	1	10.00	78	0.48
66 kV Pole Removal (16)	Cranes	2	7.00	226	0.29
66 kV Pole Removal (16)	Forklifts	0	0.00	89	0.20
66 kV Pole Removal (16)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-TSP Foundation Removal (15)	Air Compressors	2	10.00	78	0.48
B-TSP Foundation Removal (15)	Cranes	0	0.00	226	0.29
B-TSP Foundation Removal (15)	Excavators	1	10.00	162	0.38
B-TSP Foundation Removal (15)	Forklifts	0	0.00	89	0.20
B-TSP Foundation Removal (15)	Off-Highway Trucks	1	10.00	400	0.38
B-TSP Foundation Removal (15)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Testing Phase 1	Graders	0	0.00	174	0.41
Testing Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Install Underground Cable (30)	Aerial Lifts	1	6.00	62	0.31
Install Underground Cable (30)	Cranes	2	6.00	226	0.29
Install Underground Cable (30)	Forklifts	0	0.00	89	0.20

Install Underground Cable (30)	Off-Highway Trucks	2	6.00	87	0.34
Install Underground Cable (30)	Other Construction Equipment	1	6.00	171	0.42
Install Underground Cable (30)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Splice Underground Cable (31)	Cranes	0	0.00	226	0.29
Splice Underground Cable (31)	Forklifts	0	0.00	89	0.20
Splice Underground Cable (31)	Other General Industrial Equipment	2	6.00	87	0.34
Splice Underground Cable (31)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Guard Structure Installation (6)	Aerial Lifts	2	5.00	62	0.31
B-Guard Structure Installation (6)	Air Compressors	2	7.00	78	0.48
B-Guard Structure Installation (6)	Bore/Drill Rigs	2	8.00	205	0.50
B-Guard Structure Installation (6)	Cranes	2	8.00	226	0.29
B-Guard Structure Installation (6)	Forklifts	0	0.00	89	0.20
B-Guard Structure Installation (6)	Off-Highway Trucks	2	10.00	400	0.38
B-Guard Structure Installation (6)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
C-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
C-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
C-Remove Existing Conductor & GW (11)	Forklifts	0	0.00	89	0.20
C-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38
C-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42
C-Remove Existing Conductor & GW (11)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-LST Removal (12)	Air Compressors	2	10.00	78	0.48
C-LST Removal (12)	Cranes	2	7.00	226	0.29
C-LST Removal (12)	Cranes	2	5.00	226	0.29
C-LST Removal (12)	Forklifts	0	0.00	89	0.20
C-LST Removal (12)	Off-Highway Trucks	1	10.00	400	0.38

C-LST Removal (12)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-LST Foundation Removal (13)	Air Compressors	2	10.00	78	0.48
C-LST Foundation Removal (13)	Cranes	0	0.00	226	0.29
C-LST Foundation Removal (13)	Excavators	1	10.00	162	0.38
C-LST Foundation Removal (13)	Forklifts	0	0.00	89	0.20
C-LST Foundation Removal (13)	Off-Highway Trucks	1	10.00	400	0.38
C-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
C-TSP Removal (14)	Air Compressors	2	10.00	78	0.48
C-TSP Removal (14)	Cranes	2	7.00	226	0.29
C-TSP Removal (14)	Forklifts	0	0.00	89	0.20
C-TSP Removal (14)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Removal (14)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-TSP Foundation Removal (15)	Air Compressors	2	10.00	78	0.48
C-TSP Foundation Removal (15)	Cranes	0	7.00	226	0.29
C-TSP Foundation Removal (15)	Excavators	1	10.00	162	0.38
C-TSP Foundation Removal (15)	Forklifts	0	0.00	89	0.20
C-TSP Foundation Removal (15)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Foundation Removal (15)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Maintenance Crew Equipment Check Phase 1	Graders	0	0.00	174	0.41
Maintenance Crew Equipment Check Phase 1	Off-Highway Trucks	2	5.00	400	0.38
Maintenance Crew Equipment Check Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting Phase 1	Cement and Mortar Mixers	0	0.00	9	0.56
Asphalting Phase 1	Other Construction Equipment	1	3.00	171	0.42
Asphalting Phase 1	Pavers	1	10.00	125	0.42
Asphalting Phase 1	Rollers	2	5.00	80	0.38
Asphalting Phase 1	Tractors/Loaders/Backhoes	1	3.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Survey	0	3.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fiber Optic Cable Installation	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fiber Optic/Copper Cable Removal	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splicing & Testing	2	7.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Control Building Phase 1	14	56.00	0.00	61.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Test & Maintenance Building Phase 1	14	56.00	0.00	56.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Steel Assembly (19)	6	24.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Remove Shoo-fly Conductor & GW (27)	13	32.00	4.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Survey (1)	0	6.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Shoo-fly Pole Removal (26)	7	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Guard Structure Removal (28)	7	16.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Removal (12)	7	14.00	2.00	12.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Foundation Removal (12)	6	10.00	0.00	11.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Removal (14)	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
66 kV Pole Removal (16)	5	14.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Foundation Removal (15)	6	10.00	0.00	156.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Testing Phase 1	0	13.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Install Underground Cable (30)	6	2.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splice Underground Cable (31)	2	1.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
MEER Phase 1	15	56.00	0.00	63.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Guard Structure Installation (6)	10	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

C-LST Removal (12)	7	14.00	2.00	14.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-LST Foundation Removal (13)	6	10.00	0.00	13.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Removal (14)	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Foundation Removal (15)	6	10.00	0.00	32.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Maintenance Crew Equipment Check Phase	2	5.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Asphalting Phase 1	5	19.00	0.00	239.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fencing Phase 1 Block Wall	4	17.00	1.00	23.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Grading Phase 1	14	18.00	0.00	556.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation	11	13.00	0.00	622.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Phase 1	29	64.00	0.00	3,800.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Construction and Materials Yard (?)	3	5.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Wood Pole Replacement & Transf	6	12.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Survey - 2017

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0113	0.0144	0.1794	4.3000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3300e-003		35.0082	35.0082	1.7200e-003		35.0443
Total	0.0113	0.0144	0.1794	4.3000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3300e-003		35.0082	35.0082	1.7200e-003		35.0443

3.2 Survey - 2017

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0113	0.0144	0.1794	4.3000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3300e-003		35.0082	35.0082	1.7200e-003		35.0443
Total	0.0113	0.0144	0.1794	4.3000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3300e-003		35.0082	35.0082	1.7200e-003		35.0443

3.3 Survey (1) - 2017

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0226	0.0287	0.3588	8.7000e-004	0.0684	5.5000e-004	0.0690	0.0182	5.1000e-004	0.0187		70.0163	70.0163	3.4400e-003		70.0886
Total	0.0226	0.0287	0.3588	8.7000e-004	0.0684	5.5000e-004	0.0690	0.0182	5.1000e-004	0.0187		70.0163	70.0163	3.4400e-003		70.0886

3.3 Survey (1) - 2017**Mitigated Construction On-Site**

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0226	0.0287	0.3588	8.7000e-004	0.0684	5.5000e-004	0.0690	0.0182	5.1000e-004	0.0187		70.0163	70.0163	3.4400e-003		70.0886
Total	0.0226	0.0287	0.3588	8.7000e-004	0.0684	5.5000e-004	0.0690	0.0182	5.1000e-004	0.0187		70.0163	70.0163	3.4400e-003		70.0886

3.4 MEER Phase 1 - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6700e-003	0.0000	1.6700e-003	2.5000e-004	0.0000	2.5000e-004			0.0000			0.0000
Off-Road	4.2591	41.9860	30.7743	0.0511		2.5315	2.5315		2.3807	2.3807		5,122.0207	5,122.0207	1.2729		5,148.7524
Total	4.2591	41.9860	30.7743	0.0511	1.6700e-003	2.5315	2.5331	2.5000e-004	2.3807	2.3810		5,122.0207	5,122.0207	1.2729		5,148.7524

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0106	0.1519	0.1302	4.3000e-004	0.1818	2.2900e-003	0.1841	0.0199	2.1100e-003	0.0220		43.0382	43.0382	3.1000e-004		43.0449
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2111	0.2682	3.3485	8.0900e-003	0.6387	5.1300e-003	0.6438	0.1694	4.7300e-003	0.1741		653.4856	653.4856	0.0321		654.1603
Total	0.2217	0.4201	3.4786	8.5200e-003	0.8205	7.4200e-003	0.8279	0.1893	6.8400e-003	0.1961		696.5239	696.5239	0.0324		697.2051

3.4 MEER Phase 1 - 2017**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	1.1000e-004	0.0000	1.1000e-004			0.0000			0.0000
Off-Road	1.9802	44.7405	33.6853	0.0511		1.6198	1.6198		1.6198	1.6198	0.0000	5,122.0206	5,122.0206	1.2729		5,148.7524
Total	1.9802	44.7405	33.6853	0.0511	7.5000e-004	1.6198	1.6205	1.1000e-004	1.6198	1.6199	0.0000	5,122.0206	5,122.0206	1.2729		5,148.7524

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0106	0.1519	0.1302	4.3000e-004	0.0574	2.2900e-003	0.0597	7.4800e-003	2.1100e-003	9.5900e-003		43.0382	43.0382	3.1000e-004		43.0449
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2111	0.2682	3.3485	8.0900e-003	0.6387	5.1300e-003	0.6438	0.1694	4.7300e-003	0.1741		653.4856	653.4856	0.0321		654.1603
Total	0.2217	0.4201	3.4786	8.5200e-003	0.6961	7.4200e-003	0.7035	0.1769	6.8400e-003	0.1837		696.5239	696.5239	0.0324		697.2051

3.5 Fencing Phase 1 Block Wall - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2419	11.2025	9.1599	0.0133		0.8027	0.8027		0.7574	0.7574		1,320.5787	1,320.5787	0.3017		1,326.9153
Total	1.2419	11.2025	9.1599	0.0133	0.0000	0.8027	0.8027	0.0000	0.7574	0.7574		1,320.5787	1,320.5787	0.3017		1,326.9153

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0285	0.4085	0.3499	1.1700e-003	0.4887	6.1700e-003	0.4949	0.0535	5.6700e-003	0.0592		115.7002	115.7002	8.5000e-004		115.7180
Vendor	8.3400e-003	0.1044	0.0700	3.4000e-004	0.2347	2.4000e-003	0.2371	0.0261	2.2100e-003	0.0284		33.8713	33.8713	1.7000e-004		33.8750
Worker	0.0641	0.0814	1.0165	2.4500e-003	0.1939	1.5600e-003	0.1955	0.0514	1.4400e-003	0.0529		198.3796	198.3796	9.7500e-003		198.5844
Total	0.1009	0.5942	1.4364	3.9600e-003	0.9173	0.0101	0.9275	0.1311	9.3200e-003	0.1404		347.9511	347.9511	0.0108		348.1773

3.5 Fencing Phase 1 Block Wall - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5814	12.0078	9.3534	0.0133		0.4854	0.4854		0.4854	0.4854	0.0000	1,320.5787	1,320.5787	0.3017		1,326.9153
Total	0.5814	12.0078	9.3534	0.0133	0.0000	0.4854	0.4854	0.0000	0.4854	0.4854	0.0000	1,320.5787	1,320.5787	0.3017		1,326.9153

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0285	0.4085	0.3499	1.1700e-003	0.1543	6.1700e-003	0.1605	0.0201	5.6700e-003	0.0258		115.7002	115.7002	8.5000e-004		115.7180
Vendor	8.3400e-003	0.1044	0.0700	3.4000e-004	0.0748	2.4000e-003	0.0772	0.0102	2.2100e-003	0.0124		33.8713	33.8713	1.7000e-004		33.8750
Worker	0.0641	0.0814	1.0165	2.4500e-003	0.1939	1.5600e-003	0.1955	0.0514	1.4400e-003	0.0529		198.3796	198.3796	9.7500e-003		198.5844
Total	0.1009	0.5942	1.4364	3.9600e-003	0.4230	0.0101	0.4331	0.0817	9.3200e-003	0.0910		347.9511	347.9511	0.0108		348.1773

3.6 Grading Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9282	0.0000	1.9282	0.2082	0.0000	0.2082			0.0000			0.0000
Off-Road	15.7226	185.1902	99.3671	0.1828		7.8929	7.8929		7.2614	7.2614		18,698.89 37	18,698.89 37	5.7293		18,819.20 91
Total	15.7226	185.1902	99.3671	0.1828	1.9282	7.8929	9.8210	0.2082	7.2614	7.4696		18,698.89 37	18,698.89 37	5.7293		18,819.20 91

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6892	9.8738	8.4585	0.0282	11.8146	0.1491	11.9637	1.2932	0.1372	1.4303		2,796.926 7	2,796.926 7	0.0205		2,797.356 6
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0678	0.0862	1.0763	2.6000e-003	0.2053	1.6500e-003	0.2070	0.0545	1.5200e-003	0.0560		210.0490	210.0490	0.0103		210.2658
Total	0.7570	9.9600	9.5348	0.0308	12.0199	0.1508	12.1706	1.3476	0.1387	1.4863		3,006.975 7	3,006.975 7	0.0308		3,007.622 4

3.6 Grading Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8677	0.0000	0.8677	0.0937	0.0000	0.0937			0.0000			0.0000
Off-Road	4.8770	145.7151	102.3276	0.1828		3.5778	3.5778		3.5778	3.5778	0.0000	18,698.89 37	18,698.89 37	5.7293		18,819.20 91
Total	4.8770	145.7151	102.3276	0.1828	0.8677	3.5778	4.4455	0.0937	3.5778	3.6715	0.0000	18,698.89 37	18,698.89 37	5.7293		18,819.20 91

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6892	9.8738	8.4585	0.0282	3.7303	0.1491	3.8794	0.4861	0.1372	0.6232		2,796.926 7	2,796.926 7	0.0205		2,797.356 6
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0678	0.0862	1.0763	2.6000e-003	0.2053	1.6500e-003	0.2070	0.0545	1.5200e-003	0.0560		210.0490	210.0490	0.0103		210.2658
Total	0.7570	9.9600	9.5348	0.0308	3.9356	0.1508	4.0863	0.5405	0.1387	0.6792		3,006.975 7	3,006.975 7	0.0308		3,007.622 4

3.7 Civil Installation - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	9.9470	108.3459	64.3870	0.1062		5.3372	5.3372		4.9333	4.9333		10,823.4462	10,823.4462	3.2221		10,891.1100
Total	9.9470	108.3459	64.3870	0.1062	0.0000	5.3372	5.3372	0.0000	4.9333	4.9333		10,823.4462	10,823.4462	3.2221		10,891.1100

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	0.3894	0.3336	1.1100e-003	0.4660	5.8800e-003	0.4719	0.0510	5.4100e-003	0.0564		110.3151	110.3151	8.1000e-004		110.3320
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0490	0.0623	0.7773	1.8800e-003	0.1483	1.1900e-003	0.1495	0.0393	1.1000e-003	0.0404		151.7020	151.7020	7.4600e-003		151.8586
Total	0.0762	0.4517	1.1109	2.9900e-003	0.6143	7.0700e-003	0.6213	0.0903	6.5100e-003	0.0968		262.0171	262.0171	8.2700e-003		262.1906

3.7 Civil Installation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.2365	86.4289	63.6931	0.1062		2.4309	2.4309		2.4309	2.4309	0.0000	10,823.4462	10,823.4462	3.2221		10,891.1100
Total	3.2365	86.4289	63.6931	0.1062	0.0000	2.4309	2.4309	0.0000	2.4309	2.4309	0.0000	10,823.4462	10,823.4462	3.2221		10,891.1100

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	0.3894	0.3336	1.1100e-003	0.1471	5.8800e-003	0.1530	0.0192	5.4100e-003	0.0246		110.3151	110.3151	8.1000e-004		110.3320
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0490	0.0623	0.7773	1.8800e-003	0.1483	1.1900e-003	0.1495	0.0393	1.1000e-003	0.0404		151.7020	151.7020	7.4600e-003		151.8586
Total	0.0762	0.4517	1.1109	2.9900e-003	0.2954	7.0700e-003	0.3025	0.0585	6.5100e-003	0.0650		262.0171	262.0171	8.2700e-003		262.1906

3.8 Civil Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0807	0.0000	0.0807	0.0122	0.0000	0.0122			0.0000			0.0000
Off-Road	11.7182	128.0696	81.3187	0.1629		6.6231	6.6231		6.1089	6.1089		16,621.3859	16,621.3859	5.0070		16,726.5334
Total	11.7182	128.0696	81.3187	0.1629	0.0807	6.6231	6.7038	0.0122	6.1089	6.1212		16,621.3859	16,621.3859	5.0070		16,726.5334

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4842	6.9375	5.9431	0.0198	8.3011	0.1048	8.4059	0.9086	0.0964	1.0050		1,965.1640	1,965.1640	0.0144		1,965.4660
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2412	0.3065	3.8268	9.2400e-003	0.7300	5.8600e-003	0.7358	0.1936	5.4100e-003	0.1990		746.8407	746.8407	0.0367		747.6117
Total	0.7254	7.2440	9.7699	0.0291	9.0311	0.1106	9.1417	1.1022	0.1018	1.2040		2,712.0047	2,712.0047	0.0511		2,713.0777

3.8 Civil Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0363	0.0000	0.0363	5.5000e-003	0.0000	5.5000e-003			0.0000			0.0000
Off-Road	5.4592	140.6822	102.6799	0.1629		4.2101	4.2101		4.2101	4.2101	0.0000	16,621.3859	16,621.3859	5.0070		16,726.5334
Total	5.4592	140.6822	102.6799	0.1629	0.0363	4.2101	4.2465	5.5000e-003	4.2101	4.2156	0.0000	16,621.3859	16,621.3859	5.0070		16,726.5334

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4842	6.9375	5.9431	0.0198	2.6210	0.1048	2.7257	0.3415	0.0964	0.4379		1,965.1640	1,965.1640	0.0144		1,965.4660
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2412	0.3065	3.8268	9.2400e-003	0.7300	5.8600e-003	0.7358	0.1936	5.4100e-003	0.1990		746.8407	746.8407	0.0367		747.6117
Total	0.7254	7.2440	9.7699	0.0291	3.3509	0.1106	3.4615	0.5351	0.1018	0.6369		2,712.0047	2,712.0047	0.0511		2,713.0777

3.9 Construction and Materials Yard (2) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6268	18.2426	8.3601	0.0209		0.7649	0.7649		0.7037	0.7037		2,138.7611	2,138.7611	0.6553		2,152.5226
Total	1.6268	18.2426	8.3601	0.0209		0.7649	0.7649		0.7037	0.7037		2,138.7611	2,138.7611	0.6553		2,152.5226

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.1044	0.0700	3.4000e-004	0.2347	2.4000e-003	0.2371	0.0261	2.2100e-003	0.0284		33.8713	33.8713	1.7000e-004		33.8750
Worker	0.0188	0.0239	0.2990	7.2000e-004	0.0570	4.6000e-004	0.0575	0.0151	4.2000e-004	0.0156		58.3469	58.3469	2.8700e-003		58.4072
Total	0.0272	0.1283	0.3689	1.0600e-003	0.2918	2.8600e-003	0.2946	0.0413	2.6300e-003	0.0439		92.2182	92.2182	3.0400e-003		92.2821

3.9 Construction and Materials Yard (2) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5340	16.6306	11.3170	0.0209		0.3961	0.3961		0.3961	0.3961	0.0000	2,138.7610	2,138.7610	0.6553		2,152.5226
Total	0.5340	16.6306	11.3170	0.0209		0.3961	0.3961		0.3961	0.3961	0.0000	2,138.7610	2,138.7610	0.6553		2,152.5226

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.1044	0.0700	3.4000e-004	0.0748	2.4000e-003	0.0772	0.0102	2.2100e-003	0.0124		33.8713	33.8713	1.7000e-004		33.8750
Worker	0.0188	0.0239	0.2990	7.2000e-004	0.0570	4.6000e-004	0.0575	0.0151	4.2000e-004	0.0156		58.3469	58.3469	2.8700e-003		58.4072
Total	0.0272	0.1283	0.3689	1.0600e-003	0.1318	2.8600e-003	0.1347	0.0253	2.6300e-003	0.0279		92.2182	92.2182	3.0400e-003		92.2821

3.10 Wood Pole Replacement & Transfer of Facilities - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5250	32.6315	14.5703	0.0401		1.2557	1.2557		1.1553	1.1553		4,098.6646	4,098.6646	1.2558		4,125.0369
Total	2.5250	32.6315	14.5703	0.0401		1.2557	1.2557		1.1553	1.1553		4,098.6646	4,098.6646	1.2558		4,125.0369

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0452	0.0575	0.7175	1.7300e-003	0.1369	1.1000e-003	0.1380	0.0363	1.0100e-003	0.0373		140.0326	140.0326	6.8800e-003		140.1772
Total	0.0452	0.0575	0.7175	1.7300e-003	0.1369	1.1000e-003	0.1380	0.0363	1.0100e-003	0.0373		140.0326	140.0326	6.8800e-003		140.1772

3.10 Wood Pole Replacement & Transfer of Facilities - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0840	34.7740	22.3998	0.0401		0.8147	0.8147		0.8147	0.8147	0.0000	4,098.6646	4,098.6646	1.2558		4,125.0369
Total	1.0840	34.7740	22.3998	0.0401		0.8147	0.8147		0.8147	0.8147	0.0000	4,098.6646	4,098.6646	1.2558		4,125.0369

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0452	0.0575	0.7175	1.7300e-003	0.1369	1.1000e-003	0.1380	0.0363	1.0100e-003	0.0373		140.0326	140.0326	6.8800e-003		140.1772
Total	0.0452	0.0575	0.7175	1.7300e-003	0.1369	1.1000e-003	0.1380	0.0363	1.0100e-003	0.0373		140.0326	140.0326	6.8800e-003		140.1772

3.11 Fiber Optic Cable Installation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1209	2.0031	2.6986	4.1300e-003		0.0707	0.0707		0.0651	0.0651		422.3240	422.3240	0.1294		425.0414
Total	0.1209	2.0031	2.6986	4.1300e-003		0.0707	0.0707		0.0651	0.0651		422.3240	422.3240	0.1294		425.0414

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401
Total	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401

3.11 Fiber Optic Cable Installation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	422.3240	422.3240	0.1294		425.0414
Total	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	422.3240	422.3240	0.1294		425.0414

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401
Total	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401

3.12 Fiber Optic/Copper Cable Removal - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1209	2.0031	2.6986	4.1300e-003		0.0707	0.0707		0.0651	0.0651		422.3240	422.3240	0.1294		425.0414
Total	0.1209	2.0031	2.6986	4.1300e-003		0.0707	0.0707		0.0651	0.0651		422.3240	422.3240	0.1294		425.0414

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401
Total	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401

3.12 Fiber Optic/Copper Cable Removal - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	422.3240	422.3240	0.1294		425.0414
Total	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	422.3240	422.3240	0.1294		425.0414

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401
Total	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401

3.13 Splicing & Testing - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8608	7.4621	5.2146	6.3200e-003		0.6136	0.6136		0.5645	0.5645		647.0550	647.0550	0.1983		651.2184
Total	0.8608	7.4621	5.2146	6.3200e-003		0.6136	0.6136		0.5645	0.5645		647.0550	647.0550	0.1983		651.2184

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0264	0.0335	0.4186	1.0100e-003	0.0798	6.4000e-004	0.0805	0.0212	5.9000e-004	0.0218		81.6857	81.6857	4.0200e-003		81.7700
Total	0.0264	0.0335	0.4186	1.0100e-003	0.0798	6.4000e-004	0.0805	0.0212	5.9000e-004	0.0218		81.6857	81.6857	4.0200e-003		81.7700

3.13 Splicing & Testing - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	647.0550	647.0550	0.1983		651.2183
Total	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	647.0550	647.0550	0.1983		651.2183

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0264	0.0335	0.4186	1.0100e-003	0.0798	6.4000e-004	0.0805	0.0212	5.9000e-004	0.0218		81.6857	81.6857	4.0200e-003		81.7700
Total	0.0264	0.0335	0.4186	1.0100e-003	0.0798	6.4000e-004	0.0805	0.0212	5.9000e-004	0.0218		81.6857	81.6857	4.0200e-003		81.7700

3.14 Control Building Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4040	35.2898	25.1140	0.0413		2.0809	2.0809		1.9302	1.9302		4,187.4688	4,187.4688	1.1973		4,212.6120
Total	3.4040	35.2898	25.1140	0.0413		2.0809	2.0809		1.9302	1.9302		4,187.4688	4,187.4688	1.1973		4,212.6120

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9800e-003	0.0714	0.0611	2.0000e-004	0.0854	1.0800e-003	0.0865	9.3500e-003	9.9000e-004	0.0103		20.2121	20.2121	1.5000e-004		20.2153
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2111	0.2682	3.3485	8.0900e-003	0.6387	5.1300e-003	0.6438	0.1694	4.7300e-003	0.1741		653.4856	653.4856	0.0321		654.1603
Total	0.2160	0.3395	3.4096	8.2900e-003	0.7241	6.2100e-003	0.7303	0.1787	5.7200e-003	0.1845		673.6978	673.6978	0.0323		674.3755

3.14 Control Building Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6020	36.9292	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,187.4688	4,187.4688	1.1973		4,212.6120
Total	1.6020	36.9292	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,187.4688	4,187.4688	1.1973		4,212.6120

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9800e-003	0.0714	0.0611	2.0000e-004	0.0270	1.0800e-003	0.0280	3.5100e-003	9.9000e-004	4.5000e-003		20.2121	20.2121	1.5000e-004		20.2153
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2111	0.2682	3.3485	8.0900e-003	0.6387	5.1300e-003	0.6438	0.1694	4.7300e-003	0.1741		653.4856	653.4856	0.0321		654.1603
Total	0.2160	0.3395	3.4096	8.2900e-003	0.6657	6.2100e-003	0.6719	0.1729	5.7200e-003	0.1786		673.6978	673.6978	0.0323		674.3755

3.15 Test & Maintenance Building Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4040	35.2898	25.1140	0.0413		2.0809	2.0809		1.9302	1.9302		4,187.4688	4,187.4688	1.1973		4,212.6120
Total	3.4040	35.2898	25.1140	0.0413		2.0809	2.0809		1.9302	1.9302		4,187.4688	4,187.4688	1.1973		4,212.6120

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.8300e-003	0.0835	0.0715	2.4000e-004	0.0999	1.2600e-003	0.1012	0.0109	1.1600e-003	0.0121		23.6546	23.6546	1.7000e-004		23.6582
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2111	0.2682	3.3485	8.0900e-003	0.6387	5.1300e-003	0.6438	0.1694	4.7300e-003	0.1741		653.4856	653.4856	0.0321		654.1603
Total	0.2169	0.3517	3.4200	8.3300e-003	0.7386	6.3900e-003	0.7450	0.1803	5.8900e-003	0.1862		677.1402	677.1402	0.0323		677.8185

3.15 Test & Maintenance Building Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6020	36.9292	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,187.4688	4,187.4688	1.1973		4,212.6120
Total	1.6020	36.9292	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,187.4688	4,187.4688	1.1973		4,212.6120

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.8300e-003	0.0835	0.0715	2.4000e-004	0.0316	1.2600e-003	0.0328	4.1100e-003	1.1600e-003	5.2700e-003		23.6546	23.6546	1.7000e-004		23.6582
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2111	0.2682	3.3485	8.0900e-003	0.6387	5.1300e-003	0.6438	0.1694	4.7300e-003	0.1741		653.4856	653.4856	0.0321		654.1603
Total	0.2169	0.3517	3.4200	8.3300e-003	0.6703	6.3900e-003	0.6767	0.1735	5.8900e-003	0.1794		677.1402	677.1402	0.0323		677.8185

3.16 A-Install/Transfer Conductor (25) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	12.0956	137.6275	70.3446	0.1179		6.9414	6.9414		6.3861	6.3861		12,059.9129	12,059.9129	3.6951		12,137.5108
Total	12.0956	137.6275	70.3446	0.1179		6.9414	6.9414		6.3861	6.3861		12,059.9129	12,059.9129	3.6951		12,137.5108

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0250	0.3131	0.2099	1.0300e-003	0.7042	7.2100e-003	0.7114	0.0784	6.6300e-003	0.0851		101.6139	101.6139	5.2000e-004		101.6249
Worker	0.1281	0.1628	2.0330	4.9100e-003	0.3878	3.1100e-003	0.3909	0.1028	2.8700e-003	0.1057		396.7591	396.7591	0.0195		397.1687
Total	0.1532	0.4759	2.2429	5.9400e-003	1.0920	0.0103	1.1023	0.1813	9.5000e-003	0.1908		498.3731	498.3731	0.0200		498.7936

3.16 A-Install/Transfer Conductor (25) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0587	102.8039	78.9350	0.1179		2.9305	2.9305		2.9305	2.9305	0.0000	12,059.9129	12,059.9129	3.6951		12,137.5108
Total	4.0587	102.8039	78.9350	0.1179		2.9305	2.9305		2.9305	2.9305	0.0000	12,059.9129	12,059.9129	3.6951		12,137.5108

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0250	0.3131	0.2099	1.0300e-003	0.2243	7.2100e-003	0.2316	0.0305	6.6300e-003	0.0372		101.6139	101.6139	5.2000e-004		101.6249
Worker	0.1281	0.1628	2.0330	4.9100e-003	0.3878	3.1100e-003	0.3909	0.1028	2.8700e-003	0.1057		396.7591	396.7591	0.0195		397.1687
Total	0.1532	0.4759	2.2429	5.9400e-003	0.6121	0.0103	0.6225	0.1334	9.5000e-003	0.1429		498.3731	498.3731	0.0200		498.7936

3.17 A-LST Steel Assembly (19) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7645	27.5271	13.4356	0.0237		1.5256	1.5256		1.4359	1.4359		2,373.2530	2,373.2530	0.5953		2,385.7538
Total	2.7645	27.5271	13.4356	0.0237		1.5256	1.5256		1.4359	1.4359		2,373.2530	2,373.2530	0.5953		2,385.7538

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0905	0.1149	1.4351	3.4700e-003	0.2737	2.2000e-003	0.2759	0.0726	2.0300e-003	0.0746		280.0653	280.0653	0.0138		280.3544
Total	0.0905	0.1149	1.4351	3.4700e-003	0.2737	2.2000e-003	0.2759	0.0726	2.0300e-003	0.0746		280.0653	280.0653	0.0138		280.3544

3.17 A-LST Steel Assembly (19) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7389	20.0913	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,373.2530	2,373.2530	0.5953		2,385.7538
Total	0.7389	20.0913	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,373.2530	2,373.2530	0.5953		2,385.7538

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0905	0.1149	1.4351	3.4700e-003	0.2737	2.2000e-003	0.2759	0.0726	2.0300e-003	0.0746		280.0653	280.0653	0.0138		280.3544
Total	0.0905	0.1149	1.4351	3.4700e-003	0.2737	2.2000e-003	0.2759	0.0726	2.0300e-003	0.0746		280.0653	280.0653	0.0138		280.3544

3.18 B-Install/Transfer Conductor (25) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	10.6478	117.7544	59.6348	0.0998		6.3302	6.3302		5.8238	5.8238		10,213.0730	10,213.0730	3.1293		10,278.7876
Total	10.6478	117.7544	59.6348	0.0998		6.3302	6.3302		5.8238	5.8238		10,213.0730	10,213.0730	3.1293		10,278.7876

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0250	0.3131	0.2099	1.0300e-003	0.7042	7.2100e-003	0.7114	0.0784	6.6300e-003	0.0851		101.6139	101.6139	5.2000e-004		101.6249
Worker	0.1281	0.1628	2.0330	4.9100e-003	0.3878	3.1100e-003	0.3909	0.1028	2.8700e-003	0.1057		396.7591	396.7591	0.0195		397.1687
Total	0.1532	0.4759	2.2429	5.9400e-003	1.0920	0.0103	1.1023	0.1813	9.5000e-003	0.1908		498.3731	498.3731	0.0200		498.7936

3.18 B-Install/Transfer Conductor (25) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4553	88.7839	65.1527	0.0998		2.6207	2.6207		2.6207	2.6207	0.0000	10,213.0730	10,213.0730	3.1293		10,278.7876
Total	3.4553	88.7839	65.1527	0.0998		2.6207	2.6207		2.6207	2.6207	0.0000	10,213.0730	10,213.0730	3.1293		10,278.7876

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0250	0.3131	0.2099	1.0300e-003	0.2243	7.2100e-003	0.2316	0.0305	6.6300e-003	0.0372		101.6139	101.6139	5.2000e-004		101.6249
Worker	0.1281	0.1628	2.0330	4.9100e-003	0.3878	3.1100e-003	0.3909	0.1028	2.8700e-003	0.1057		396.7591	396.7591	0.0195		397.1687
Total	0.1532	0.4759	2.2429	5.9400e-003	0.6121	0.0103	0.6225	0.1334	9.5000e-003	0.1429		498.3731	498.3731	0.0200		498.7936

3.19 B-Remove Existing Conductor & GW (11) - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.2052	62.3963	30.6776	0.0632		2.6694	2.6694		2.4559	2.4559		6,467.5689	6,467.5689	1.9817		6,509.1835
Total	5.2052	62.3963	30.6776	0.0632		2.6694	2.6694		2.4559	2.4559		6,467.5689	6,467.5689	1.9817		6,509.1835

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0501	0.6262	0.4197	2.0600e-003	1.4083	0.0144	1.4227	0.1569	0.0133	0.1701		203.2279	203.2279	1.0400e-003		203.2497
Worker	0.1206	0.1533	1.9134	4.6200e-003	0.3650	2.9300e-003	0.3679	0.0968	2.7000e-003	0.0995		373.4204	373.4204	0.0184		373.8059
Total	0.1707	0.7794	2.3331	6.6800e-003	1.7733	0.0174	1.7907	0.2537	0.0160	0.2696		576.6482	576.6482	0.0194		577.0556

3.19 B-Remove Existing Conductor & GW (11) - 2017**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9070	53.3710	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,467.5689	6,467.5689	1.9817		6,509.1835
Total	1.9070	53.3710	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,467.5689	6,467.5689	1.9817		6,509.1835

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0501	0.6262	0.4197	2.0600e-003	0.4487	0.0144	0.4631	0.0611	0.0133	0.0743		203.2279	203.2279	1.0400e-003		203.2497
Worker	0.1206	0.1533	1.9134	4.6200e-003	0.3650	2.9300e-003	0.3679	0.0968	2.7000e-003	0.0995		373.4204	373.4204	0.0184		373.8059
Total	0.1707	0.7794	2.3331	6.6800e-003	0.8137	0.0174	0.8310	0.1578	0.0160	0.1738		576.6482	576.6482	0.0194		577.0556

3.20 A-Remove Shoo-fly Conductor & GW (27) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.5056	63.2202	31.8722	0.0665		2.7600	2.7600		2.5392	2.5392		6,796.5501	6,796.5501	2.0825		6,840.2815
Total	5.5056	63.2202	31.8722	0.0665		2.7600	2.7600		2.5392	2.5392		6,796.5501	6,796.5501	2.0825		6,840.2815

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0334	0.4174	0.2798	1.3700e-003	0.9389	9.6100e-003	0.9485	0.1046	8.8400e-003	0.1134		135.4853	135.4853	6.9000e-004		135.4998
Worker	0.1206	0.1533	1.9134	4.6200e-003	0.3650	2.9300e-003	0.3679	0.0968	2.7000e-003	0.0995		373.4204	373.4204	0.0184		373.8059
Total	0.1540	0.5707	2.1932	5.9900e-003	1.3039	0.0125	1.3164	0.2014	0.0115	0.2129		508.9056	508.9056	0.0191		509.3057

3.20 A-Remove Shoo-fly Conductor & GW (27) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9476	54.6242	39.7913	0.0665		1.4121	1.4121		1.4121	1.4121	0.0000	6,796.5501	6,796.5501	2.0825		6,840.2815
Total	1.9476	54.6242	39.7913	0.0665		1.4121	1.4121		1.4121	1.4121	0.0000	6,796.5501	6,796.5501	2.0825		6,840.2815

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0334	0.4174	0.2798	1.3700e-003	0.2991	9.6100e-003	0.3087	0.0407	8.8400e-003	0.0495		135.4853	135.4853	6.9000e-004		135.4998
Worker	0.1206	0.1533	1.9134	4.6200e-003	0.3650	2.9300e-003	0.3679	0.0968	2.7000e-003	0.0995		373.4204	373.4204	0.0184		373.8059
Total	0.1540	0.5707	2.1932	5.9900e-003	0.6641	0.0125	0.6766	0.1375	0.0115	0.1490		508.9056	508.9056	0.0191		509.3057

3.21 A-Shoo-fly Pole Removal (26) - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0095	32.1289	17.1150	0.0364		1.4739	1.4739		1.3837	1.3837		3,675.7147	3,675.7147	1.0132		3,696.9917
Total	3.0095	32.1289	17.1150	0.0364		1.4739	1.4739		1.3837	1.3837		3,675.7147	3,675.7147	1.0132		3,696.9917

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.2087	0.1399	6.9000e-004	0.4694	4.8100e-003	0.4743	0.0523	4.4200e-003	0.0567		67.7426	67.7426	3.5000e-004		67.7499
Worker	0.0302	0.0383	0.4784	1.1600e-003	0.0912	7.3000e-004	0.0920	0.0242	6.8000e-004	0.0249		93.3551	93.3551	4.5900e-003		93.4515
Total	0.0468	0.2470	0.6183	1.8500e-003	0.5607	5.5400e-003	0.5662	0.0765	5.1000e-003	0.0816		161.0977	161.0977	4.9400e-003		161.2014

3.21 A-Shoo-fly Pole Removal (26) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0676	29.8256	20.7726	0.0364		0.8258	0.8258		0.8258	0.8258	0.0000	3,675.7147	3,675.7147	1.0132		3,696.9917
Total	1.0676	29.8256	20.7726	0.0364		0.8258	0.8258		0.8258	0.8258	0.0000	3,675.7147	3,675.7147	1.0132		3,696.9917

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.2087	0.1399	6.9000e-004	0.1496	4.8100e-003	0.1544	0.0204	4.4200e-003	0.0248		67.7426	67.7426	3.5000e-004		67.7499
Worker	0.0302	0.0383	0.4784	1.1600e-003	0.0912	7.3000e-004	0.0920	0.0242	6.8000e-004	0.0249		93.3551	93.3551	4.5900e-003		93.4515
Total	0.0468	0.2470	0.6183	1.8500e-003	0.2408	5.5400e-003	0.2463	0.0446	5.1000e-003	0.0496		161.0977	161.0977	4.9400e-003		161.2014

3.22 A-Guard Structure Removal (28) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5458	37.6254	18.4556	0.0395		1.7536	1.7536		1.6456	1.6456		3,991.297 2	3,991.297 2	1.0911		4,014.209 2
Total	3.5458	37.6254	18.4556	0.0395		1.7536	1.7536		1.6456	1.6456		3,991.297 2	3,991.297 2	1.0911		4,014.209 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.2087	0.1399	6.9000e-004	0.4694	4.8100e-003	0.4743	0.0523	4.4200e-003	0.0567		67.7426	67.7426	3.5000e-004		67.7499
Worker	0.0603	0.0766	0.9567	2.3100e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		186.7102	186.7102	9.1800e-003		186.9029
Total	0.0770	0.2853	1.0966	3.0000e-003	0.6519	6.2800e-003	0.6582	0.1007	5.7700e-003	0.1065		254.4528	254.4528	9.5300e-003		254.6528

3.22 A-Guard Structure Removal (28) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1121	32.1948	22.0696	0.0395		0.8524	0.8524		0.8524	0.8524	0.0000	3,991.2972	3,991.2972	1.0911		4,014.2092
Total	1.1121	32.1948	22.0696	0.0395		0.8524	0.8524		0.8524	0.8524	0.0000	3,991.2972	3,991.2972	1.0911		4,014.2092

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.2087	0.1399	6.9000e-004	0.1496	4.8100e-003	0.1544	0.0204	4.4200e-003	0.0248		67.7426	67.7426	3.5000e-004		67.7499
Worker	0.0603	0.0766	0.9567	2.3100e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		186.7102	186.7102	9.1800e-003		186.9029
Total	0.0770	0.2853	1.0966	3.0000e-003	0.3321	6.2800e-003	0.3383	0.0688	5.7700e-003	0.0745		254.4528	254.4528	9.5300e-003		254.6528

3.23 B-LST Removal (12) - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1417	42.6553	20.3526	0.0433		2.0630	2.0630		1.9442	1.9442		4,350.202 2	4,350.202 2	1.1445		4,374.236 6
Total	4.1417	42.6553	20.3526	0.0433		2.0630	2.0630		1.9442	1.9442		4,350.202 2	4,350.202 2	1.1445		4,374.236 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0273	0.3907	0.3347	1.1200e-003	0.4675	5.9000e-003	0.4734	0.0512	5.4300e-003	0.0566		110.6698	110.6698	8.1000e-004		110.6868
Vendor	0.0167	0.2087	0.1399	6.9000e-004	0.4694	4.8100e-003	0.4743	0.0523	4.4200e-003	0.0567		67.7426	67.7426	3.5000e-004		67.7499
Worker	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401
Total	0.0967	0.6665	1.3117	3.8300e-003	1.0966	0.0120	1.1086	0.1458	0.0110	0.1568		341.7838	341.7838	9.1900e-003		341.9767

3.23 B-LST Removal (12) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1980	34.9331	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,350.2022	4,350.2022	1.1445		4,374.2366
Total	1.1980	34.9331	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,350.2022	4,350.2022	1.1445		4,374.2366

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0273	0.3907	0.3347	1.1200e-003	0.1476	5.9000e-003	0.1535	0.0192	5.4300e-003	0.0247		110.6698	110.6698	8.1000e-004		110.6868
Vendor	0.0167	0.2087	0.1399	6.9000e-004	0.1496	4.8100e-003	0.1544	0.0204	4.4200e-003	0.0248		67.7426	67.7426	3.5000e-004		67.7499
Worker	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401
Total	0.0967	0.6665	1.3117	3.8300e-003	0.4568	0.0120	0.4688	0.0819	0.0110	0.0930		341.7838	341.7838	9.1900e-003		341.9767

3.24 B-LST Foundation Removal (13) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926
Total	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0250	0.3581	0.3068	1.0200e-003	0.4285	5.4100e-003	0.4339	0.0469	4.9700e-003	0.0519		101.4473	101.4473	7.4000e-004		101.4629
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0377	0.0479	0.5979	1.4400e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		116.6939	116.6939	5.7400e-003		116.8143
Total	0.0627	0.4060	0.9047	2.4600e-003	0.5426	6.3300e-003	0.5489	0.0772	5.8100e-003	0.0830		218.1411	218.1411	6.4800e-003		218.2772

3.24 B-LST Foundation Removal (13) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926
Total	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0250	0.3581	0.3068	1.0200e-003	0.1353	5.4100e-003	0.1407	0.0176	4.9700e-003	0.0226		101.4473	101.4473	7.4000e-004		101.4629
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0377	0.0479	0.5979	1.4400e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		116.6939	116.6939	5.7400e-003		116.8143
Total	0.0627	0.4060	0.9047	2.4600e-003	0.2494	6.3300e-003	0.2557	0.0479	5.8100e-003	0.0537		218.1411	218.1411	6.4800e-003		218.2772

3.25 B-TSP Removal (14) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3317	33.0391	16.9072	0.0362		1.6343	1.6343		1.5498	1.5498		3,628.6547	3,628.6547	0.9234		3,648.0464
Total	3.3317	33.0391	16.9072	0.0362		1.6343	1.6343		1.5498	1.5498		3,628.6547	3,628.6547	0.9234		3,648.0464

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0603	0.0766	0.9567	2.3100e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		186.7102	186.7102	9.1800e-003		186.9029
Total	0.0603	0.0766	0.9567	2.3100e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		186.7102	186.7102	9.1800e-003		186.9029

3.25 B-TSP Removal (14) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0246	28.9367	20.0802	0.0362		0.7899	0.7899		0.7899	0.7899	0.0000	3,628.6547	3,628.6547	0.9234		3,648.0464
Total	1.0246	28.9367	20.0802	0.0362		0.7899	0.7899		0.7899	0.7899	0.0000	3,628.6547	3,628.6547	0.9234		3,648.0464

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0603	0.0766	0.9567	2.3100e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		186.7102	186.7102	9.1800e-003		186.9029
Total	0.0603	0.0766	0.9567	2.3100e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		186.7102	186.7102	9.1800e-003		186.9029

3.26 66 kV Pole Removal (16) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7725	18.5066	9.8260	0.0177		0.9386	0.9386		0.8866	0.8866		1,774.8734	1,774.8734	0.4496		1,784.3154
Total	1.7725	18.5066	9.8260	0.0177		0.9386	0.9386		0.8866	0.8866		1,774.8734	1,774.8734	0.4496		1,784.3154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.2087	0.1399	6.9000e-004	0.4694	4.8100e-003	0.4743	0.0523	4.4200e-003	0.0567		67.7426	67.7426	3.5000e-004		67.7499
Worker	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401
Total	0.0695	0.2758	0.9770	2.7100e-003	0.6291	6.0900e-003	0.6352	0.0946	5.6000e-003	0.1002		231.1140	231.1140	8.3800e-003		231.2900

3.26 66 kV Pole Removal (16) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5690	15.1334	10.5084	0.0177		0.4504	0.4504		0.4504	0.4504	0.0000	1,774.8734	1,774.8734	0.4496		1,784.3154
Total	0.5690	15.1334	10.5084	0.0177		0.4504	0.4504		0.4504	0.4504	0.0000	1,774.8734	1,774.8734	0.4496		1,784.3154

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.2087	0.1399	6.9000e-004	0.1496	4.8100e-003	0.1544	0.0204	4.4200e-003	0.0248		67.7426	67.7426	3.5000e-004		67.7499
Worker	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401
Total	0.0695	0.2758	0.9770	2.7100e-003	0.3092	6.0900e-003	0.3153	0.0627	5.6000e-003	0.0683		231.1140	231.1140	8.3800e-003		231.2900

3.27 B-TSP Foundation Removal (15) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926
Total	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5318	7.6184	6.5265	0.0218	9.1159	0.1150	9.2310	0.9978	0.1058	1.1036		2,158.0604	2,158.0604	0.0158		2,158.3920
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0377	0.0479	0.5979	1.4400e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		116.6939	116.6939	5.7400e-003		116.8143
Total	0.5695	7.6663	7.1244	0.0232	9.2300	0.1160	9.3459	1.0280	0.1067	1.1347		2,274.7542	2,274.7542	0.0215		2,275.2063

3.27 B-TSP Foundation Removal (15) - 2017**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926
Total	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5318	7.6184	6.5265	0.0218	2.8782	0.1150	2.9933	0.3751	0.1058	0.4809		2,158.0604	2,158.0604	0.0158		2,158.3920
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0377	0.0479	0.5979	1.4400e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		116.6939	116.6939	5.7400e-003		116.8143
Total	0.5695	7.6663	7.1244	0.0232	2.9923	0.1160	3.1082	0.4053	0.1067	0.5120		2,274.7542	2,274.7542	0.0215		2,275.2063

3.28 Testing Phase 1 - 2017

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0490	0.0623	0.7773	1.8800e-003	0.1483	1.1900e-003	0.1495	0.0393	1.1000e-003	0.0404		151.7020	151.7020	7.4600e-003		151.8586
Total	0.0490	0.0623	0.7773	1.8800e-003	0.1483	1.1900e-003	0.1495	0.0393	1.1000e-003	0.0404		151.7020	151.7020	7.4600e-003		151.8586

3.28 Testing Phase 1 - 2017

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0490	0.0623	0.7773	1.8800e-003	0.1483	1.1900e-003	0.1495	0.0393	1.1000e-003	0.0404		151.7020	151.7020	7.4600e-003		151.8586
Total	0.0490	0.0623	0.7773	1.8800e-003	0.1483	1.1900e-003	0.1495	0.0393	1.1000e-003	0.0404		151.7020	151.7020	7.4600e-003		151.8586

3.29 Install Underground Cable (30) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4837	17.3600	8.1149	0.0143		0.8114	0.8114		0.7465	0.7465		1,463.6967	1,463.6967	0.4485		1,473.1146
Total	1.4837	17.3600	8.1149	0.0143		0.8114	0.8114		0.7465	0.7465		1,463.6967	1,463.6967	0.4485		1,473.1146

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.5400e-003	9.5800e-003	0.1196	2.9000e-004	0.0228	1.8000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		23.3388	23.3388	1.1500e-003		23.3629
Total	7.5400e-003	9.5800e-003	0.1196	2.9000e-004	0.0228	1.8000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		23.3388	23.3388	1.1500e-003		23.3629

3.29 Install Underground Cable (30) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4470	12.3648	8.9639	0.0143		0.3230	0.3230		0.3230	0.3230	0.0000	1,463.6967	1,463.6967	0.4485		1,473.1146
Total	0.4470	12.3648	8.9639	0.0143		0.3230	0.3230		0.3230	0.3230	0.0000	1,463.6967	1,463.6967	0.4485		1,473.1146

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.5400e-003	9.5800e-003	0.1196	2.9000e-004	0.0228	1.8000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		23.3388	23.3388	1.1500e-003		23.3629
Total	7.5400e-003	9.5800e-003	0.1196	2.9000e-004	0.0228	1.8000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		23.3388	23.3388	1.1500e-003		23.3629

3.30 Splice Underground Cable (31) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5165	4.4773	3.1287	3.7900e-003		0.3682	0.3682		0.3387	0.3387		388.2330	388.2330	0.1190		390.7310
Total	0.5165	4.4773	3.1287	3.7900e-003		0.3682	0.3682		0.3387	0.3387		388.2330	388.2330	0.1190		390.7310

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.7700e-003	4.7900e-003	0.0598	1.4000e-004	0.0114	9.0000e-005	0.0115	3.0200e-003	8.0000e-005	3.1100e-003		11.6694	11.6694	5.7000e-004		11.6814
Total	3.7700e-003	4.7900e-003	0.0598	1.4000e-004	0.0114	9.0000e-005	0.0115	3.0200e-003	8.0000e-005	3.1100e-003		11.6694	11.6694	5.7000e-004		11.6814

3.30 Splice Underground Cable (31) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1800	3.7171	2.8955	3.7900e-003		0.1503	0.1503		0.1503	0.1503	0.0000	388.2330	388.2330	0.1190		390.7310
Total	0.1800	3.7171	2.8955	3.7900e-003		0.1503	0.1503		0.1503	0.1503	0.0000	388.2330	388.2330	0.1190		390.7310

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.7700e-003	4.7900e-003	0.0598	1.4000e-004	0.0114	9.0000e-005	0.0115	3.0200e-003	8.0000e-005	3.1100e-003		11.6694	11.6694	5.7000e-004		11.6814
Total	3.7700e-003	4.7900e-003	0.0598	1.4000e-004	0.0114	9.0000e-005	0.0115	3.0200e-003	8.0000e-005	3.1100e-003		11.6694	11.6694	5.7000e-004		11.6814

3.31 B-Guard Structure Installation (6) - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.9391	55.1885	26.9189	0.0706		2.3005	2.3005		2.1488	2.1488		7,169.6027	7,169.6027	2.0649		7,212.9650
Total	4.9391	55.1885	26.9189	0.0706		2.3005	2.3005		2.1488	2.1488		7,169.6027	7,169.6027	2.0649		7,212.9650

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.2087	0.1399	6.9000e-004	0.4694	4.8100e-003	0.4743	0.0523	4.4200e-003	0.0567		67.7426	67.7426	3.5000e-004		67.7499
Worker	0.0302	0.0383	0.4784	1.1600e-003	0.0912	7.3000e-004	0.0920	0.0242	6.8000e-004	0.0249		93.3551	93.3551	4.5900e-003		93.4515
Total	0.0468	0.2470	0.6183	1.8500e-003	0.5607	5.5400e-003	0.5662	0.0765	5.1000e-003	0.0816		161.0977	161.0977	4.9400e-003		161.2014

3.31 B-Guard Structure Installation (6) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8788	57.5013	38.6801	0.0706		1.4146	1.4146		1.4146	1.4146	0.0000	7,169.6027	7,169.6027	2.0649		7,212.9650
Total	1.8788	57.5013	38.6801	0.0706		1.4146	1.4146		1.4146	1.4146	0.0000	7,169.6027	7,169.6027	2.0649		7,212.9650

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.2087	0.1399	6.9000e-004	0.1496	4.8100e-003	0.1544	0.0204	4.4200e-003	0.0248		67.7426	67.7426	3.5000e-004		67.7499
Worker	0.0302	0.0383	0.4784	1.1600e-003	0.0912	7.3000e-004	0.0920	0.0242	6.8000e-004	0.0249		93.3551	93.3551	4.5900e-003		93.4515
Total	0.0468	0.2470	0.6183	1.8500e-003	0.2408	5.5400e-003	0.2463	0.0446	5.1000e-003	0.0496		161.0977	161.0977	4.9400e-003		161.2014

3.32 C-Remove Existing Conductor & GW (11) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.2052	62.3963	30.6776	0.0632		2.6694	2.6694		2.4559	2.4559		6,467.5689	6,467.5689	1.9817		6,509.1835
Total	5.2052	62.3963	30.6776	0.0632		2.6694	2.6694		2.4559	2.4559		6,467.5689	6,467.5689	1.9817		6,509.1835

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0501	0.6262	0.4197	2.0600e-003	1.4083	0.0144	1.4227	0.1569	0.0133	0.1701		203.2279	203.2279	1.0400e-003		203.2497
Worker	0.1206	0.1533	1.9134	4.6200e-003	0.3650	2.9300e-003	0.3679	0.0968	2.7000e-003	0.0995		373.4204	373.4204	0.0184		373.8059
Total	0.1707	0.7794	2.3331	6.6800e-003	1.7733	0.0174	1.7907	0.2537	0.0160	0.2696		576.6482	576.6482	0.0194		577.0556

3.32 C-Remove Existing Conductor & GW (11) - 2017**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9070	53.3710	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,467.5689	6,467.5689	1.9817		6,509.1835
Total	1.9070	53.3710	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,467.5689	6,467.5689	1.9817		6,509.1835

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0501	0.6262	0.4197	2.0600e-003	0.4487	0.0144	0.4631	0.0611	0.0133	0.0743		203.2279	203.2279	1.0400e-003		203.2497
Worker	0.1206	0.1533	1.9134	4.6200e-003	0.3650	2.9300e-003	0.3679	0.0968	2.7000e-003	0.0995		373.4204	373.4204	0.0184		373.8059
Total	0.1707	0.7794	2.3331	6.6800e-003	0.8137	0.0174	0.8310	0.1578	0.0160	0.1738		576.6482	576.6482	0.0194		577.0556

3.33 C-LST Removal (12) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1417	42.6553	20.3526	0.0433		2.0630	2.0630		1.9442	1.9442		4,350.2022	4,350.2022	1.1445		4,374.2366
Total	4.1417	42.6553	20.3526	0.0433		2.0630	2.0630		1.9442	1.9442		4,350.2022	4,350.2022	1.1445		4,374.2366

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0273	0.3907	0.3347	1.1200e-003	0.4675	5.9000e-003	0.4734	0.0512	5.4300e-003	0.0566		110.6698	110.6698	8.1000e-004		110.6868
Vendor	0.0167	0.2087	0.1399	6.9000e-004	0.4694	4.8100e-003	0.4743	0.0523	4.4200e-003	0.0567		67.7426	67.7426	3.5000e-004		67.7499
Worker	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401
Total	0.0967	0.6665	1.3117	3.8300e-003	1.0966	0.0120	1.1086	0.1458	0.0110	0.1568		341.7838	341.7838	9.1900e-003		341.9767

3.33 C-LST Removal (12) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1980	34.9331	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,350.2022	4,350.2022	1.1445		4,374.2366
Total	1.1980	34.9331	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,350.2022	4,350.2022	1.1445		4,374.2366

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0273	0.3907	0.3347	1.1200e-003	0.1476	5.9000e-003	0.1535	0.0192	5.4300e-003	0.0247		110.6698	110.6698	8.1000e-004		110.6868
Vendor	0.0167	0.2087	0.1399	6.9000e-004	0.1496	4.8100e-003	0.1544	0.0204	4.4200e-003	0.0248		67.7426	67.7426	3.5000e-004		67.7499
Worker	0.0528	0.0671	0.8371	2.0200e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		163.3714	163.3714	8.0300e-003		163.5401
Total	0.0967	0.6665	1.3117	3.8300e-003	0.4568	0.0120	0.4688	0.0819	0.0110	0.0930		341.7838	341.7838	9.1900e-003		341.9767

3.34 C-LST Foundation Removal (13) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926
Total	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0253	0.3628	0.3108	1.0400e-003	0.4341	5.4800e-003	0.4396	0.0475	5.0400e-003	0.0526		102.7648	102.7648	7.5000e-004		102.7806
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0377	0.0479	0.5979	1.4400e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		116.6939	116.6939	5.7400e-003		116.8143
Total	0.0630	0.4107	0.9087	2.4800e-003	0.5482	6.4000e-003	0.5545	0.0778	5.8800e-003	0.0836		219.4586	219.4586	6.4900e-003		219.5949

3.34 C-LST Foundation Removal (13) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926
Total	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0253	0.3628	0.3108	1.0400e-003	0.1371	5.4800e-003	0.1425	0.0179	5.0400e-003	0.0229		102.7648	102.7648	7.5000e-004		102.7806
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0377	0.0479	0.5979	1.4400e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		116.6939	116.6939	5.7400e-003		116.8143
Total	0.0630	0.4107	0.9087	2.4800e-003	0.2511	6.4000e-003	0.2575	0.0481	5.8800e-003	0.0540		219.4586	219.4586	6.4900e-003		219.5949

3.35 C-TSP Removal (14) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3317	33.0391	16.9072	0.0362		1.6343	1.6343		1.5498	1.5498		3,628.6547	3,628.6547	0.9234		3,648.0464
Total	3.3317	33.0391	16.9072	0.0362		1.6343	1.6343		1.5498	1.5498		3,628.6547	3,628.6547	0.9234		3,648.0464

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0603	0.0766	0.9567	2.3100e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		186.7102	186.7102	9.1800e-003		186.9029
Total	0.0603	0.0766	0.9567	2.3100e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		186.7102	186.7102	9.1800e-003		186.9029

3.35 C-TSP Removal (14) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0246	28.9367	20.0802	0.0362		0.7899	0.7899		0.7899	0.7899	0.0000	3,628.6547	3,628.6547	0.9234		3,648.0464
Total	1.0246	28.9367	20.0802	0.0362		0.7899	0.7899		0.7899	0.7899	0.0000	3,628.6547	3,628.6547	0.9234		3,648.0464

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0603	0.0766	0.9567	2.3100e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		186.7102	186.7102	9.1800e-003		186.9029
Total	0.0603	0.0766	0.9567	2.3100e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		186.7102	186.7102	9.1800e-003		186.9029

3.36 C-TSP Foundation Removal (15) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926
Total	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4363	6.2510	5.3550	0.0179	7.4797	0.0944	7.5741	0.8187	0.0868	0.9055		1,770.7162	1,770.7162	0.0130		1,770.9883
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0377	0.0479	0.5979	1.4400e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		116.6939	116.6939	5.7400e-003		116.8143
Total	0.4740	6.2989	5.9530	0.0193	7.5938	0.0953	7.6891	0.8489	0.0877	0.9366		1,887.4101	1,887.4101	0.0187		1,887.8027

3.36 C-TSP Foundation Removal (15) - 2017**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926
Total	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4363	6.2510	5.3550	0.0179	2.3616	0.0944	2.4560	0.3077	0.0868	0.3946		1,770.7162	1,770.7162	0.0130		1,770.9883
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0377	0.0479	0.5979	1.4400e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		116.6939	116.6939	5.7400e-003		116.8143
Total	0.4740	6.2989	5.9530	0.0193	2.4757	0.0953	2.5710	0.3380	0.0877	0.4257		1,887.4101	1,887.4101	0.0187		1,887.8027

3.37 Maintenance Crew Equipment Check Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0900	12.2929	5.8567	0.0164		0.4563	0.4563		0.4198	0.4198		1,680.3281	1,680.3281	0.5149		1,691.1399
Total	1.0900	12.2929	5.8567	0.0164	0.0000	0.4563	0.4563	0.0000	0.4198	0.4198		1,680.3281	1,680.3281	0.5149		1,691.1399

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0188	0.0239	0.2990	7.2000e-004	0.0570	4.6000e-004	0.0575	0.0151	4.2000e-004	0.0156		58.3469	58.3469	2.8700e-003		58.4072
Total	0.0188	0.0239	0.2990	7.2000e-004	0.0570	4.6000e-004	0.0575	0.0151	4.2000e-004	0.0156		58.3469	58.3469	2.8700e-003		58.4072

3.37 Maintenance Crew Equipment Check Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4021	12.7004	8.7127	0.0164		0.2949	0.2949		0.2949	0.2949	0.0000	1,680.328 1	1,680.328 1	0.5149		1,691.139 9
Total	0.4021	12.7004	8.7127	0.0164	0.0000	0.2949	0.2949	0.0000	0.2949	0.2949	0.0000	1,680.328 1	1,680.328 1	0.5149		1,691.139 9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0188	0.0239	0.2990	7.2000e-004	0.0570	4.6000e-004	0.0575	0.0151	4.2000e-004	0.0156		58.3469	58.3469	2.8700e-003		58.4072
Total	0.0188	0.0239	0.2990	7.2000e-004	0.0570	4.6000e-004	0.0575	0.0151	4.2000e-004	0.0156		58.3469	58.3469	2.8700e-003		58.4072

3.38 Asphaltting Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1953	12.4164	8.5167	0.0124		0.7344	0.7344		0.6757	0.6757		1,267.643 2	1,267.643 2	0.3884		1,275.799 7
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1953	12.4164	8.5167	0.0124		0.7344	0.7344		0.6757	0.6757		1,267.643 2	1,267.643 2	0.3884		1,275.799 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2716	3.8906	3.3330	0.0111	4.6554	0.0588	4.7141	0.5096	0.0540	0.5636		1,102.086 4	1,102.086 4	8.0700e- 003		1,102.255 8
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0716	0.0910	1.1361	2.7400e- 003	0.2167	1.7400e- 003	0.2185	0.0575	1.6000e- 003	0.0591		221.7183	221.7183	0.0109		221.9472
Total	0.3432	3.9816	4.4690	0.0139	4.8721	0.0605	4.9326	0.5670	0.0556	0.6227		1,323.804 7	1,323.804 7	0.0190		1,324.203 0

3.38 Asphaltting Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5189	11.1182	9.3980	0.0124		0.3832	0.3832		0.3832	0.3832	0.0000	1,267.643 2	1,267.643 2	0.3884		1,275.799 7
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5189	11.1182	9.3980	0.0124		0.3832	0.3832		0.3832	0.3832	0.0000	1,267.643 2	1,267.643 2	0.3884		1,275.799 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2716	3.8906	3.3330	0.0111	1.4699	0.0588	1.5286	0.1915	0.0540	0.2456		1,102.086 4	1,102.086 4	8.0700e- 003		1,102.255 8
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0716	0.0910	1.1361	2.7400e- 003	0.2167	1.7400e- 003	0.2185	0.0575	1.6000e- 003	0.0591		221.7183	221.7183	0.0109		221.9472
Total	0.3432	3.9816	4.4690	0.0139	1.6866	0.0605	1.7471	0.2490	0.0556	0.3047		1,323.804 7	1,323.804 7	0.0190		1,324.203 0

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

4.2 Trip Summary Information

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

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507717	0.059700	0.181648	0.140055	0.042936	0.006749	0.016265	0.033349	0.001955	0.002502	0.004345	0.000573	0.002206

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

6.0 Area Detail

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

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

6.2 Area by SubCategory

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Mesa 500 kV Substation Project
South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Equipment list and Calendar provided by SCE.

Land Use -

Construction Phase - Construction schedule provided by SCE.

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Trips and VMT - Equipment list and schedule provided by SCE. All trips assumed to be 15 miles.

On-road Fugitive Dust - Paved areas base on project design compare to trip distance.

Grading - Details taken from Chapter 3 - Project Description

Road Dust -

Energy Use -

Construction Off-road Equipment Mitigation - Mitigation equipment based on equipment list provided by SCE

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	35.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
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tblConstEquipMitigation	Tier	No Change	Tier 2

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tblOffRoadEquipment	UsageHours	4.00	10.00

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2.0 Emissions Summary

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Survey	Site Preparation	1/1/2017	12/31/2017	6	312	
2	Survey (1)	Site Preparation	1/1/2017	12/31/2017	6	312	
3	MEER Phase 1	Site Preparation	1/1/2017	4/5/2017	6	81	
4	Fencing Phase 1 Block Wall	Site Preparation	1/1/2017	1/13/2017	6	11	
5	Grading Phase 1	Grading	1/1/2017	1/13/2017	6	11	
6	Civil Installation	Grading	1/1/2017	12/31/2017	6	312	
7	Civil Phase 1	Grading	1/1/2017	5/5/2017	6	107	
8	Construction and Materials Yard (2)	Building Construction	1/1/2017	12/31/2017	6	312	
9	Wood Pole Replacement & Transfer of Facilities	Building Construction	1/1/2017	6/30/2017	6	155	
10	Fiber Optic Cable Installation	Building Construction	1/1/2017	12/31/2017	6	312	
11	Fiber Optic/Copper Cable Removal	Building Construction	1/1/2017	6/30/2017	6	155	
12	Splicing & Testing	Building Construction	1/1/2017	12/31/2017	6	312	
13	Control Building Phase 1	Building Construction	1/1/2017	7/14/2017	6	167	
14	Test & Maintenance Building Phase 1	Building Construction	1/1/2017	6/2/2017	6	131	
15	A-Install/Transfer Conductor (25)	Building Construction	1/1/2017	2/6/2017	6	31	
16	A-LST Steel Assembly (19)	Building Construction	1/1/2017	1/17/2017	6	14	
17	B-Install/Transfer Conductor (25)	Building Construction	1/1/2017	1/23/2017	6	19	
18	B-Remove Existing Conductor & GW (11)	Building Construction	1/1/2017	3/10/2017	6	59	
19	A-Remove Shoo-fly Conductor & GW (27)	Building Construction	1/23/2017	2/10/2017	6	17	
20	A-Shoo-fly Pole Removal (26)	Building Construction	2/10/2017	2/14/2017	6	4	
21	A-Guard Structure Removal (28)	Building Construction	2/14/2017	3/6/2017	6	18	
22	B-LST Removal (12)	Building Construction	3/10/2017	3/16/2017	6	6	

23	B-LST Foundation Removal (13)	Building Construction	3/17/2017	3/23/2017	6	6
24	B-TSP Removal (14)	Building Construction	3/17/2017	3/18/2017	6	2
25	66 kV Pole Removal (16)	Building Construction	3/18/2017	4/6/2017	6	17
26	B-TSP Foundation Removal (15)	Building Construction	3/23/2017	3/27/2017	6	4
27	Testing Phase 1	Site Preparation	6/4/2017	12/31/2017	6	180
28	Install Underground Cable (30)	Building Construction	7/1/2017	12/31/2017	6	157
29	Splice Underground Cable (31)	Building Construction	7/1/2017	12/31/2017	6	157
30	B-Guard Structure Installation (6)	Building Construction	9/5/2017	9/8/2017	6	4
31	C-Remove Existing Conductor & GW (11)	Building Construction	9/8/2017	9/27/2017	6	17
32	C-LST Removal (12)	Building Construction	9/27/2017	10/4/2017	6	7
33	C-LST Foundation Removal (13)	Building Construction	10/4/2017	10/11/2017	6	7
34	C-TSP Removal (14)	Building Construction	10/4/2017	10/5/2017	6	2
35	C-TSP Foundation Removal (15)	Building Construction	10/12/2017	10/12/2017	6	1
36	Maintenance Crew Equipment Check Phase 1	Site Preparation	12/18/2017	12/31/2017	6	12
37	Asphalting Phase 1	Paving	12/18/2017	12/31/2017	6	12

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Survey	Graders	0	0.00	174	0.41
Survey	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Survey (1)	Graders	0	0.00	174	0.41
Survey (1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37

MEER Phase 1	Aerial Lifts	2	10.00	62	0.31
MEER Phase 1	Cranes	1	5.00	226	0.29
MEER Phase 1	Forklifts	3	5.00	89	0.20
MEER Phase 1	Generator Sets	1	12.00	84	0.74
MEER Phase 1	Graders	0	0.00	174	0.41
MEER Phase 1	Off-Highway Trucks	2	3.00	400	0.38
MEER Phase 1	Pumps	1	5.00	84	0.74
MEER Phase 1	Skid Steer Loaders	2	10.00	64	0.37
MEER Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
MEER Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Fencing Phase 1 Block Wall	Forklifts	1	10.00	89	0.20
Fencing Phase 1 Block Wall	Graders	0	0.00	174	0.41
Fencing Phase 1 Block Wall	Pumps	1	6.00	84	0.74
Fencing Phase 1 Block Wall	Skid Steer Loaders	1	10.00	64	0.37
Fencing Phase 1 Block Wall	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Grading Phase 1	Concrete/Industrial Saws	0	0.00	81	0.73
Grading Phase 1	Crawler Tractors	2	10.00	208	0.43
Grading Phase 1	Graders	2	10.00	174	0.41
Grading Phase 1	Off-Highway Trucks	4	10.00	400	0.38
Grading Phase 1	Rubber Tired Dozers	0	0.00	255	0.40
Grading Phase 1	Scrapers	4	10.00	361	0.48
Grading Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation	Air Compressors	1	10.00	78	0.48
Civil Installation	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Installation	Graders	2	10.00	174	0.41
Civil Installation	Off-Highway Trucks	2	10.00	400	0.38
Civil Installation	Rubber Tired Dozers	0	0.00	255	0.40
Civil Installation	Scrapers	2	10.00	361	0.48

Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Phase 1	Bore/Drill Rigs	3	10.00	205	0.50
Civil Phase 1	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Phase 1	Cranes	2	5.00	226	0.29
Civil Phase 1	Excavators	3	10.00	162	0.38
Civil Phase 1	Forklifts	4	6.00	89	0.20
Civil Phase 1	Off-Highway Trucks	3	10.00	400	0.38
Civil Phase 1	Pumps	1	5.00	84	0.74
Civil Phase 1	Rubber Tired Dozers	0	0.00	255	0.40
Civil Phase 1	Skid Steer Loaders	4	10.00	64	0.37
Civil Phase 1	Tractors/Loaders/Backhoes	6	10.00	97	0.37
Civil Phase 1	Tractors/Loaders/Backhoes	3	10.00	97	0.37
Construction and Materials Yard (2)	Cranes	1	5.00	226	0.29
Construction and Materials Yard (2)	Forklifts	1	5.00	89	0.20
Construction and Materials Yard (2)	Off-Highway Trucks	1	10.00	400	0.38
Construction and Materials Yard (2)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Wood Pole Replacement & Transfer of Facilities	Aerial Lifts	2	10.00	62	0.31
Wood Pole Replacement & Transfer of Facilities	Bore/Drill Rigs	2	10.00	205	0.50
Wood Pole Replacement & Transfer of Facilities	Cranes	2	10.00	226	0.29
Wood Pole Replacement & Transfer of Facilities	Forklifts	0	0.00	89	0.20
Wood Pole Replacement & Transfer of Facilities	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Fiber Optic Cable Installation	Aerial Lifts	2	10.00	62	0.31
Fiber Optic Cable Installation	Cranes	0	0.00	226	0.29
Fiber Optic Cable Installation	Forklifts	0	0.00	89	0.20
Fiber Optic Cable Installation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Fiber Optic/Copper Cable Removal	Aerial Lifts	2	10.00	62	0.31

Fiber Optic/Copper Cable Removal	Cranes	0	0.00	226	0.29
Fiber Optic/Copper Cable Removal	Forklifts	0	0.00	89	0.20
Fiber Optic/Copper Cable Removal	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Splicing & Testing	Cranes	0	0.00	226	0.29
Splicing & Testing	Forklifts	0	0.00	89	0.20
Splicing & Testing	Other General Industrial Equipment	2	10.00	87	0.34
Splicing & Testing	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Control Building Phase 1	Aerial Lifts	2	10.00	62	0.31
Control Building Phase 1	Cranes	1	5.00	226	0.29
Control Building Phase 1	Forklifts	3	5.00	89	0.20
Control Building Phase 1	Off-Highway Trucks	2	3.00	400	0.38
Control Building Phase 1	Pumps	1	5.00	84	0.74
Control Building Phase 1	Skid Steer Loaders	2	10.00	64	0.37
Control Building Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Control Building Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Test & Maintenance Building Phase 1	Aerial Lifts	2	10.00	62	0.31
Test & Maintenance Building Phase 1	Cranes	1	5.00	226	0.29
Test & Maintenance Building Phase 1	Forklifts	3	5.00	89	0.20
Test & Maintenance Building Phase 1	Off-Highway Trucks	2	3.00	400	0.38
Test & Maintenance Building Phase 1	Pumps	1	5.00	84	0.74
Test & Maintenance Building Phase 1	Skid Steer Loaders	2	10.00	64	0.37
Test & Maintenance Building Phase 1	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Test & Maintenance Building Phase 1	Tractors/Loaders/Backhoes	1	10.00	97	0.37
A-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
A-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
A-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
A-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
A-Install/Transfer Conductor (25)	Forklifts	0	0.00	89	0.20

A-Install/Transfer Conductor (25)	Other Construction Equipment	1	10.00	171	0.42
A-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
A-Install/Transfer Conductor (25)	Other Construction Equipment	4	10.00	171	0.42
A-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
A-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
A-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
A-LST Steel Assembly (19)	Air Compressors	2	7.00	78	0.48
A-LST Steel Assembly (19)	Cranes	2	10.00	226	0.29
A-LST Steel Assembly (19)	Forklifts	2	7.00	89	0.20
A-LST Steel Assembly (19)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
B-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
B-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
B-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
B-Install/Transfer Conductor (25)	Forklifts	0	0.00	89	0.20
B-Install/Transfer Conductor (25)	Other Construction Equipment	1	10.00	171	0.42
B-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
B-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	87	0.34
B-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
B-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
B-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
B-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
B-Remove Existing Conductor & GW (11)	Forklifts	0	0.00	89	0.20
B-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38

B-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42
B-Remove Existing Conductor & GW (11)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
A-Remove Shoo-fly Conductor & GW (27)	Aerial Lifts	2	10.00	62	0.31
A-Remove Shoo-fly Conductor & GW (27)	Cranes	4	5.00	226	0.29
A-Remove Shoo-fly Conductor & GW (27)	Forklifts	0	0.00	89	0.20
A-Remove Shoo-fly Conductor & GW (27)	Off-Highway Trucks	2	5.00	400	0.38
A-Remove Shoo-fly Conductor & GW (27)	Off-Highway Trucks	1	10.00	400	0.38
A-Remove Shoo-fly Conductor & GW (27)	Other Construction Equipment	4	5.00	171	0.42
A-Remove Shoo-fly Conductor & GW (27)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
A-Shoo-fly Pole Removal (26)	Aerial Lifts	2	10.00	62	0.31
A-Shoo-fly Pole Removal (26)	Air Compressors	2	6.00	78	0.48
A-Shoo-fly Pole Removal (26)	Cranes	2	7.00	226	0.29
A-Shoo-fly Pole Removal (26)	Forklifts	0	0.00	89	0.20
A-Shoo-fly Pole Removal (26)	Off-Highway Trucks	1	10.00	400	0.38
A-Shoo-fly Pole Removal (26)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
A-Guard Structure Removal (28)	Aerial Lifts	2	5.00	62	0.31
A-Guard Structure Removal (28)	Air Compressors	2	7.00	78	0.48
A-Guard Structure Removal (28)	Cranes	2	10.00	226	0.29
A-Guard Structure Removal (28)	Forklifts	0	0.00	89	0.20
A-Guard Structure Removal (28)	Off-Highway Trucks	1	10.00	400	0.38
A-Guard Structure Removal (28)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-LST Removal (12)	Air Compressors	2	10.00	78	0.48
B-LST Removal (12)	Cranes	2	7.00	226	0.29
B-LST Removal (12)	Cranes	2	5.00	226	0.29
B-LST Removal (12)	Forklifts	0	0.00	89	0.20
B-LST Removal (12)	Off-Highway Trucks	1	10.00	400	0.38

B-LST Removal (12)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-LST Foundation Removal (13)	Air Compressors	2	10.00	78	0.48
B-LST Foundation Removal (13)	Cranes	0	0.00	226	0.29
B-LST Foundation Removal (13)	Excavators	1	10.00	162	0.38
B-LST Foundation Removal (13)	Forklifts	0	0.00	89	0.20
B-LST Foundation Removal (13)	Off-Highway Trucks	1	10.00	400	0.38
B-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
B-TSP Removal (14)	Air Compressors	2	10.00	78	0.48
B-TSP Removal (14)	Cranes	2	7.00	226	0.29
B-TSP Removal (14)	Forklifts	0	0.00	89	0.20
B-TSP Removal (14)	Off-Highway Trucks	1	10.00	400	0.38
B-TSP Removal (14)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
66 kV Pole Removal (16)	Aerial Lifts	2	7.00	62	0.31
66 kV Pole Removal (16)	Air Compressors	1	10.00	78	0.48
66 kV Pole Removal (16)	Cranes	2	7.00	226	0.29
66 kV Pole Removal (16)	Forklifts	0	0.00	89	0.20
66 kV Pole Removal (16)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-TSP Foundation Removal (15)	Air Compressors	2	10.00	78	0.48
B-TSP Foundation Removal (15)	Cranes	0	0.00	226	0.29
B-TSP Foundation Removal (15)	Excavators	1	10.00	162	0.38
B-TSP Foundation Removal (15)	Forklifts	0	0.00	89	0.20
B-TSP Foundation Removal (15)	Off-Highway Trucks	1	10.00	400	0.38
B-TSP Foundation Removal (15)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Testing Phase 1	Graders	0	0.00	174	0.41
Testing Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Install Underground Cable (30)	Aerial Lifts	1	6.00	62	0.31
Install Underground Cable (30)	Cranes	2	6.00	226	0.29
Install Underground Cable (30)	Forklifts	0	0.00	89	0.20

Install Underground Cable (30)	Off-Highway Trucks	2	6.00	87	0.34
Install Underground Cable (30)	Other Construction Equipment	1	6.00	171	0.42
Install Underground Cable (30)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Splice Underground Cable (31)	Cranes	0	0.00	226	0.29
Splice Underground Cable (31)	Forklifts	0	0.00	89	0.20
Splice Underground Cable (31)	Other General Industrial Equipment	2	6.00	87	0.34
Splice Underground Cable (31)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Guard Structure Installation (6)	Aerial Lifts	2	5.00	62	0.31
B-Guard Structure Installation (6)	Air Compressors	2	7.00	78	0.48
B-Guard Structure Installation (6)	Bore/Drill Rigs	2	8.00	205	0.50
B-Guard Structure Installation (6)	Cranes	2	8.00	226	0.29
B-Guard Structure Installation (6)	Forklifts	0	0.00	89	0.20
B-Guard Structure Installation (6)	Off-Highway Trucks	2	10.00	400	0.38
B-Guard Structure Installation (6)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
C-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
C-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
C-Remove Existing Conductor & GW (11)	Forklifts	0	0.00	89	0.20
C-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38
C-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42
C-Remove Existing Conductor & GW (11)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-LST Removal (12)	Air Compressors	2	10.00	78	0.48
C-LST Removal (12)	Cranes	2	7.00	226	0.29
C-LST Removal (12)	Cranes	2	5.00	226	0.29
C-LST Removal (12)	Forklifts	0	0.00	89	0.20
C-LST Removal (12)	Off-Highway Trucks	1	10.00	400	0.38

C-LST Removal (12)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-LST Foundation Removal (13)	Air Compressors	2	10.00	78	0.48
C-LST Foundation Removal (13)	Cranes	0	0.00	226	0.29
C-LST Foundation Removal (13)	Excavators	1	10.00	162	0.38
C-LST Foundation Removal (13)	Forklifts	0	0.00	89	0.20
C-LST Foundation Removal (13)	Off-Highway Trucks	1	10.00	400	0.38
C-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
C-TSP Removal (14)	Air Compressors	2	10.00	78	0.48
C-TSP Removal (14)	Cranes	2	7.00	226	0.29
C-TSP Removal (14)	Forklifts	0	0.00	89	0.20
C-TSP Removal (14)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Removal (14)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-TSP Foundation Removal (15)	Air Compressors	2	10.00	78	0.48
C-TSP Foundation Removal (15)	Cranes	0	7.00	226	0.29
C-TSP Foundation Removal (15)	Excavators	1	10.00	162	0.38
C-TSP Foundation Removal (15)	Forklifts	0	0.00	89	0.20
C-TSP Foundation Removal (15)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Foundation Removal (15)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Maintenance Crew Equipment Check Phase 1	Graders	0	0.00	174	0.41
Maintenance Crew Equipment Check Phase 1	Off-Highway Trucks	2	5.00	400	0.38
Maintenance Crew Equipment Check Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting Phase 1	Cement and Mortar Mixers	0	0.00	9	0.56
Asphalting Phase 1	Other Construction Equipment	1	3.00	171	0.42
Asphalting Phase 1	Pavers	1	10.00	125	0.42
Asphalting Phase 1	Rollers	2	5.00	80	0.38
Asphalting Phase 1	Tractors/Loaders/Backhoes	1	3.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Survey	0	3.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fiber Optic Cable Installation	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fiber Optic/Copper Cable Removal	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splicing & Testing	2	7.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Control Building Phase 1	14	56.00	0.00	61.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Test & Maintenance Building Phase 1	14	56.00	0.00	56.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-LST Steel Assembly (19)	6	24.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Remove Shoo-fly Conductor & GW (27)	13	32.00	4.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Survey (1)	0	6.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Shoo-fly Pole Removal (26)	7	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
A-Guard Structure Removal (28)	7	16.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Removal (12)	7	14.00	2.00	12.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Foundation Removal (12)	6	10.00	0.00	11.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Removal (14)	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
66 kV Pole Removal (16)	5	14.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-TSP Foundation Removal (15)	6	10.00	0.00	156.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Testing Phase 1	0	13.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Install Underground Cable (30)	6	2.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splice Underground Cable (31)	2	1.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
MEER Phase 1	15	56.00	0.00	63.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Guard Structure Installation (6)	10	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

C-LST Removal (12)	7	14.00	2.00	14.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-LST Foundation Removal (13)	6	10.00	0.00	13.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Removal (14)	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Foundation Removal (15)	6	10.00	0.00	32.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Maintenance Crew Equipment Check Phase	2	5.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Asphalting Phase 1	5	19.00	0.00	239.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fencing Phase 1 Block Wall	4	17.00	1.00	23.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Grading Phase 1	14	18.00	0.00	556.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation	11	13.00	0.00	622.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Phase 1	29	64.00	0.00	3,800.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Construction and Materials Yard (?)	3	5.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Wood Pole Replacement & Transf	6	12.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Survey - 2017

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0115	0.0158	0.1647	4.1000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3300e-003		32.8285	32.8285	1.7200e-003		32.8647
Total	0.0115	0.0158	0.1647	4.1000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3300e-003		32.8285	32.8285	1.7200e-003		32.8647

3.2 Survey - 2017

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0115	0.0158	0.1647	4.1000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3300e-003		32.8285	32.8285	1.7200e-003		32.8647
Total	0.0115	0.0158	0.1647	4.1000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3300e-003		32.8285	32.8285	1.7200e-003		32.8647

3.3 Survey (1) - 2017

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0231	0.0316	0.3293	8.1000e-004	0.0684	5.5000e-004	0.0690	0.0182	5.1000e-004	0.0187		65.6570	65.6570	3.4400e-003		65.7293
Total	0.0231	0.0316	0.3293	8.1000e-004	0.0684	5.5000e-004	0.0690	0.0182	5.1000e-004	0.0187		65.6570	65.6570	3.4400e-003		65.7293

3.3 Survey (1) - 2017

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0231	0.0316	0.3293	8.1000e-004	0.0684	5.5000e-004	0.0690	0.0182	5.1000e-004	0.0187		65.6570	65.6570	3.4400e-003		65.7293
Total	0.0231	0.0316	0.3293	8.1000e-004	0.0684	5.5000e-004	0.0690	0.0182	5.1000e-004	0.0187		65.6570	65.6570	3.4400e-003		65.7293

3.4 MEER Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6700e-003	0.0000	1.6700e-003	2.5000e-004	0.0000	2.5000e-004			0.0000			0.0000
Off-Road	4.2591	41.9860	30.7743	0.0511		2.5315	2.5315		2.3807	2.3807		5,122.0207	5,122.0207	1.2729		5,148.7524
Total	4.2591	41.9860	30.7743	0.0511	1.6700e-003	2.5315	2.5331	2.5000e-004	2.3807	2.3810		5,122.0207	5,122.0207	1.2729		5,148.7524

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0113	0.1572	0.1525	4.3000e-004	0.1818	2.3000e-003	0.1841	0.0199	2.1200e-003	0.0220		42.9030	42.9030	3.2000e-004		42.9097
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2152	0.2945	3.0736	7.5800e-003	0.6387	5.1300e-003	0.6438	0.1694	4.7300e-003	0.1741		612.7987	612.7987	0.0321		613.4734
Total	0.2264	0.4517	3.2261	8.0100e-003	0.8205	7.4300e-003	0.8279	0.1893	6.8500e-003	0.1961		655.7017	655.7017	0.0325		656.3831

3.4 MEER Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	1.1000e-004	0.0000	1.1000e-004			0.0000			0.0000
Off-Road	1.9802	44.7405	33.6853	0.0511		1.6198	1.6198		1.6198	1.6198	0.0000	5,122.0206	5,122.0206	1.2729		5,148.7524
Total	1.9802	44.7405	33.6853	0.0511	7.5000e-004	1.6198	1.6205	1.1000e-004	1.6198	1.6199	0.0000	5,122.0206	5,122.0206	1.2729		5,148.7524

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0113	0.1572	0.1525	4.3000e-004	0.0574	2.3000e-003	0.0597	7.4800e-003	2.1200e-003	9.6000e-003		42.9030	42.9030	3.2000e-004		42.9097
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2152	0.2945	3.0736	7.5800e-003	0.6387	5.1300e-003	0.6438	0.1694	4.7300e-003	0.1741		612.7987	612.7987	0.0321		613.4734
Total	0.2264	0.4517	3.2261	8.0100e-003	0.6961	7.4300e-003	0.7035	0.1769	6.8500e-003	0.1837		655.7017	655.7017	0.0325		656.3831

3.5 Fencing Phase 1 Block Wall - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2419	11.2025	9.1599	0.0133		0.8027	0.8027		0.7574	0.7574		1,320.5787	1,320.5787	0.3017		1,326.9153
Total	1.2419	11.2025	9.1599	0.0133	0.0000	0.8027	0.8027	0.0000	0.7574	0.7574		1,320.5787	1,320.5787	0.3017		1,326.9153

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0303	0.4227	0.4100	1.1600e-003	0.4887	6.1900e-003	0.4949	0.0535	5.6900e-003	0.0592		115.3365	115.3365	8.6000e-004		115.3546
Vendor	8.8900e-003	0.1074	0.0805	3.4000e-004	0.2347	2.4200e-003	0.2371	0.0261	2.2300e-003	0.0284		33.6846	33.6846	1.8000e-004		33.6883
Worker	0.0653	0.0894	0.9330	2.3000e-003	0.1939	1.5600e-003	0.1955	0.0514	1.4400e-003	0.0529		186.0282	186.0282	9.7500e-003		186.2330
Total	0.1045	0.6194	1.4235	3.8000e-003	0.9173	0.0102	0.9275	0.1311	9.3600e-003	0.1404		335.0493	335.0493	0.0108		335.2759

3.5 Fencing Phase 1 Block Wall - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5814	12.0078	9.3534	0.0133		0.4854	0.4854		0.4854	0.4854	0.0000	1,320.5787	1,320.5787	0.3017		1,326.9153
Total	0.5814	12.0078	9.3534	0.0133	0.0000	0.4854	0.4854	0.0000	0.4854	0.4854	0.0000	1,320.5787	1,320.5787	0.3017		1,326.9153

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0303	0.4227	0.4100	1.1600e-003	0.1543	6.1900e-003	0.1605	0.0201	5.6900e-003	0.0258		115.3365	115.3365	8.6000e-004		115.3546
Vendor	8.8900e-003	0.1074	0.0805	3.4000e-004	0.0748	2.4200e-003	0.0772	0.0102	2.2300e-003	0.0124		33.6846	33.6846	1.8000e-004		33.6883
Worker	0.0653	0.0894	0.9330	2.3000e-003	0.1939	1.5600e-003	0.1955	0.0514	1.4400e-003	0.0529		186.0282	186.0282	9.7500e-003		186.2330
Total	0.1045	0.6194	1.4235	3.8000e-003	0.4230	0.0102	0.4332	0.0817	9.3600e-003	0.0911		335.0493	335.0493	0.0108		335.2759

3.6 Grading Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9282	0.0000	1.9282	0.2082	0.0000	0.2082			0.0000			0.0000
Off-Road	15.7226	185.1902	99.3671	0.1828		7.8929	7.8929		7.2614	7.2614		18,698.89 37	18,698.89 37	5.7293		18,819.20 91
Total	15.7226	185.1902	99.3671	0.1828	1.9282	7.8929	9.8210	0.2082	7.2614	7.4696		18,698.89 37	18,698.89 37	5.7293		18,819.20 91

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7321	10.2173	9.9103	0.0281	11.8146	0.1495	11.9641	1.2932	0.1376	1.4307		2,788.134 4	2,788.134 4	0.0208		2,788.571 9
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0947	0.9879	2.4400e-003	0.2053	1.6500e-003	0.2070	0.0545	1.5200e-003	0.0560		196.9710	196.9710	0.0103		197.1879
Total	0.8013	10.3119	10.8982	0.0306	12.0199	0.1512	12.1711	1.3476	0.1391	1.4867		2,985.105 5	2,985.105 5	0.0312		2,985.759 8

3.6 Grading Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8677	0.0000	0.8677	0.0937	0.0000	0.0937			0.0000			0.0000
Off-Road	4.8770	145.7151	102.3276	0.1828		3.5778	3.5778		3.5778	3.5778	0.0000	18,698.8937	18,698.8937	5.7293		18,819.2091
Total	4.8770	145.7151	102.3276	0.1828	0.8677	3.5778	4.4455	0.0937	3.5778	3.6715	0.0000	18,698.8937	18,698.8937	5.7293		18,819.2091

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7321	10.2173	9.9103	0.0281	3.7303	0.1495	3.8798	0.4861	0.1376	0.6236		2,788.1344	2,788.1344	0.0208		2,788.5719
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0947	0.9879	2.4400e-003	0.2053	1.6500e-003	0.2070	0.0545	1.5200e-003	0.0560		196.9710	196.9710	0.0103		197.1879
Total	0.8013	10.3119	10.8982	0.0306	3.9356	0.1512	4.0868	0.5405	0.1391	0.6796		2,985.1055	2,985.1055	0.0312		2,985.7598

3.7 Civil Installation - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	9.9470	108.3459	64.3870	0.1062		5.3372	5.3372		4.9333	4.9333		10,823.4462	10,823.4462	3.2221		10,891.1100
Total	9.9470	108.3459	64.3870	0.1062	0.0000	5.3372	5.3372	0.0000	4.9333	4.9333		10,823.4462	10,823.4462	3.2221		10,891.1100

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0289	0.4030	0.3909	1.1100e-003	0.4660	5.9000e-003	0.4719	0.0510	5.4300e-003	0.0564		109.9683	109.9683	8.2000e-004		109.9855
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0500	0.0684	0.7135	1.7600e-003	0.1483	1.1900e-003	0.1495	0.0393	1.1000e-003	0.0404		142.2569	142.2569	7.4600e-003		142.4135
Total	0.0788	0.4714	1.1044	2.8700e-003	0.6143	7.0900e-003	0.6213	0.0903	6.5300e-003	0.0969		252.2251	252.2251	8.2800e-003		252.3990

3.7 Civil Installation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000				0.0000
Off-Road	3.2365	86.4289	63.6931	0.1062		2.4309	2.4309		2.4309	2.4309	0.0000	10,823.4462	10,823.4462	3.2221			10,891.1100
Total	3.2365	86.4289	63.6931	0.1062	0.0000	2.4309	2.4309	0.0000	2.4309	2.4309	0.0000	10,823.4462	10,823.4462	3.2221			10,891.1100

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0289	0.4030	0.3909	1.1100e-003	0.1471	5.9000e-003	0.1530	0.0192	5.4300e-003	0.0246		109.9683	109.9683	8.2000e-004			109.9855
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0500	0.0684	0.7135	1.7600e-003	0.1483	1.1900e-003	0.1495	0.0393	1.1000e-003	0.0404		142.2569	142.2569	7.4600e-003			142.4135
Total	0.0788	0.4714	1.1044	2.8700e-003	0.2954	7.0900e-003	0.3025	0.0585	6.5300e-003	0.0650		252.2251	252.2251	8.2800e-003			252.3990

3.8 Civil Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0807	0.0000	0.0807	0.0122	0.0000	0.0122			0.0000			0.0000
Off-Road	11.7182	128.0696	81.3187	0.1629		6.6231	6.6231		6.1089	6.1089		16,621.3859	16,621.3859	5.0070		16,726.5334
Total	11.7182	128.0696	81.3187	0.1629	0.0807	6.6231	6.7038	0.0122	6.1089	6.1212		16,621.3859	16,621.3859	5.0070		16,726.5334

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5144	7.1788	6.9631	0.0198	8.3011	0.1051	8.4062	0.9086	0.0967	1.0052		1,958.9864	1,958.9864	0.0146		1,959.2938
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2459	0.3366	3.5126	8.6600e-003	0.7300	5.8600e-003	0.7358	0.1936	5.4100e-003	0.1990		700.3414	700.3414	0.0367		701.1124
Total	0.7603	7.5154	10.4758	0.0284	9.0311	0.1109	9.1420	1.1022	0.1021	1.2042		2,659.3278	2,659.3278	0.0514		2,660.4062

3.8 Civil Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.0363	0.0000	0.0363	5.5000e-003	0.0000	5.5000e-003			0.0000				0.0000
Off-Road	5.4592	140.6822	102.6799	0.1629		4.2101	4.2101		4.2101	4.2101	0.0000	16,621.3859	16,621.3859	5.0070			16,726.5334
Total	5.4592	140.6822	102.6799	0.1629	0.0363	4.2101	4.2465	5.5000e-003	4.2101	4.2156	0.0000	16,621.3859	16,621.3859	5.0070			16,726.5334

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.5144	7.1788	6.9631	0.0198	2.6210	0.1051	2.7260	0.3415	0.0967	0.4382		1,958.9864	1,958.9864	0.0146			1,959.2938
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.2459	0.3366	3.5126	8.6600e-003	0.7300	5.8600e-003	0.7358	0.1936	5.4100e-003	0.1990		700.3414	700.3414	0.0367			701.1124
Total	0.7603	7.5154	10.4758	0.0284	3.3509	0.1109	3.4618	0.5351	0.1021	0.6372		2,659.3278	2,659.3278	0.0514			2,660.4062

3.9 Construction and Materials Yard (2) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6268	18.2426	8.3601	0.0209		0.7649	0.7649		0.7037	0.7037		2,138.7611	2,138.7611	0.6553		2,152.5226
Total	1.6268	18.2426	8.3601	0.0209		0.7649	0.7649		0.7037	0.7037		2,138.7611	2,138.7611	0.6553		2,152.5226

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8900e-003	0.1074	0.0805	3.4000e-004	0.2347	2.4200e-003	0.2371	0.0261	2.2300e-003	0.0284		33.6846	33.6846	1.8000e-004		33.6883
Worker	0.0192	0.0263	0.2744	6.8000e-004	0.0570	4.6000e-004	0.0575	0.0151	4.2000e-004	0.0156		54.7142	54.7142	2.8700e-003		54.7744
Total	0.0281	0.1337	0.3549	1.0200e-003	0.2918	2.8800e-003	0.2946	0.0413	2.6500e-003	0.0439		88.3988	88.3988	3.0500e-003		88.4627

3.9 Construction and Materials Yard (2) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5340	16.6306	11.3170	0.0209		0.3961	0.3961		0.3961	0.3961	0.0000	2,138.7610	2,138.7610	0.6553		2,152.5226
Total	0.5340	16.6306	11.3170	0.0209		0.3961	0.3961		0.3961	0.3961	0.0000	2,138.7610	2,138.7610	0.6553		2,152.5226

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8900e-003	0.1074	0.0805	3.4000e-004	0.0748	2.4200e-003	0.0772	0.0102	2.2300e-003	0.0124		33.6846	33.6846	1.8000e-004		33.6883
Worker	0.0192	0.0263	0.2744	6.8000e-004	0.0570	4.6000e-004	0.0575	0.0151	4.2000e-004	0.0156		54.7142	54.7142	2.8700e-003		54.7744
Total	0.0281	0.1337	0.3549	1.0200e-003	0.1318	2.8800e-003	0.1347	0.0253	2.6500e-003	0.0280		88.3988	88.3988	3.0500e-003		88.4627

3.10 Wood Pole Replacement & Transfer of Facilities - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5250	32.6315	14.5703	0.0401		1.2557	1.2557		1.1553	1.1553		4,098.6646	4,098.6646	1.2558		4,125.0369
Total	2.5250	32.6315	14.5703	0.0401		1.2557	1.2557		1.1553	1.1553		4,098.6646	4,098.6646	1.2558		4,125.0369

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0461	0.0631	0.6586	1.6200e-003	0.1369	1.1000e-003	0.1380	0.0363	1.0100e-003	0.0373		131.3140	131.3140	6.8800e-003		131.4586
Total	0.0461	0.0631	0.6586	1.6200e-003	0.1369	1.1000e-003	0.1380	0.0363	1.0100e-003	0.0373		131.3140	131.3140	6.8800e-003		131.4586

3.10 Wood Pole Replacement & Transfer of Facilities - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0840	34.7740	22.3998	0.0401		0.8147	0.8147		0.8147	0.8147	0.0000	4,098.6646	4,098.6646	1.2558		4,125.0369
Total	1.0840	34.7740	22.3998	0.0401		0.8147	0.8147		0.8147	0.8147	0.0000	4,098.6646	4,098.6646	1.2558		4,125.0369

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0461	0.0631	0.6586	1.6200e-003	0.1369	1.1000e-003	0.1380	0.0363	1.0100e-003	0.0373		131.3140	131.3140	6.8800e-003		131.4586
Total	0.0461	0.0631	0.6586	1.6200e-003	0.1369	1.1000e-003	0.1380	0.0363	1.0100e-003	0.0373		131.3140	131.3140	6.8800e-003		131.4586

3.11 Fiber Optic Cable Installation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1209	2.0031	2.6986	4.1300e-003		0.0707	0.0707		0.0651	0.0651		422.3240	422.3240	0.1294		425.0414
Total	0.1209	2.0031	2.6986	4.1300e-003		0.0707	0.0707		0.0651	0.0651		422.3240	422.3240	0.1294		425.0414

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684
Total	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684

3.11 Fiber Optic Cable Installation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	422.3240	422.3240	0.1294		425.0414
Total	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	422.3240	422.3240	0.1294		425.0414

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684
Total	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684

3.12 Fiber Optic/Copper Cable Removal - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1209	2.0031	2.6986	4.1300e-003		0.0707	0.0707		0.0651	0.0651		422.3240	422.3240	0.1294		425.0414
Total	0.1209	2.0031	2.6986	4.1300e-003		0.0707	0.0707		0.0651	0.0651		422.3240	422.3240	0.1294		425.0414

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684
Total	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684

3.12 Fiber Optic/Copper Cable Removal - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	422.3240	422.3240	0.1294		425.0414
Total	0.1949	4.0254	3.1356	4.1300e-003		0.1627	0.1627		0.1627	0.1627	0.0000	422.3240	422.3240	0.1294		425.0414

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684
Total	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684

3.13 Splicing & Testing - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8608	7.4621	5.2146	6.3200e-003		0.6136	0.6136		0.5645	0.5645		647.0550	647.0550	0.1983		651.2184
Total	0.8608	7.4621	5.2146	6.3200e-003		0.6136	0.6136		0.5645	0.5645		647.0550	647.0550	0.1983		651.2184

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0269	0.0368	0.3842	9.5000e-004	0.0798	6.4000e-004	0.0805	0.0212	5.9000e-004	0.0218		76.5998	76.5998	4.0200e-003		76.6842
Total	0.0269	0.0368	0.3842	9.5000e-004	0.0798	6.4000e-004	0.0805	0.0212	5.9000e-004	0.0218		76.5998	76.5998	4.0200e-003		76.6842

3.13 Splicing & Testing - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	647.0550	647.0550	0.1983		651.2183
Total	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	647.0550	647.0550	0.1983		651.2183

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0269	0.0368	0.3842	9.5000e-004	0.0798	6.4000e-004	0.0805	0.0212	5.9000e-004	0.0218		76.5998	76.5998	4.0200e-003		76.6842
Total	0.0269	0.0368	0.3842	9.5000e-004	0.0798	6.4000e-004	0.0805	0.0212	5.9000e-004	0.0218		76.5998	76.5998	4.0200e-003		76.6842

3.14 Control Building Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4040	35.2898	25.1140	0.0413		2.0809	2.0809		1.9302	1.9302		4,187.4688	4,187.4688	1.1973		4,212.6120
Total	3.4040	35.2898	25.1140	0.0413		2.0809	2.0809		1.9302	1.9302		4,187.4688	4,187.4688	1.1973		4,212.6120

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.2900e-003	0.0738	0.0716	2.0000e-004	0.0854	1.0800e-003	0.0865	9.3500e-003	9.9000e-004	0.0103		20.1486	20.1486	1.5000e-004		20.1518
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2152	0.2945	3.0736	7.5800e-003	0.6387	5.1300e-003	0.6438	0.1694	4.7300e-003	0.1741		612.7987	612.7987	0.0321		613.4734
Total	0.2205	0.3684	3.1452	7.7800e-003	0.7241	6.2100e-003	0.7303	0.1787	5.7200e-003	0.1845		632.9473	632.9473	0.0323		633.6252

3.14 Control Building Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6020	36.9292	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,187.4688	4,187.4688	1.1973		4,212.6120
Total	1.6020	36.9292	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,187.4688	4,187.4688	1.1973		4,212.6120

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.2900e-003	0.0738	0.0716	2.0000e-004	0.0270	1.0800e-003	0.0280	3.5100e-003	9.9000e-004	4.5100e-003		20.1486	20.1486	1.5000e-004		20.1518
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2152	0.2945	3.0736	7.5800e-003	0.6387	5.1300e-003	0.6438	0.1694	4.7300e-003	0.1741		612.7987	612.7987	0.0321		613.4734
Total	0.2205	0.3684	3.1452	7.7800e-003	0.6657	6.2100e-003	0.6719	0.1729	5.7200e-003	0.1786		632.9473	632.9473	0.0323		633.6252

3.15 Test & Maintenance Building Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4040	35.2898	25.1140	0.0413		2.0809	2.0809		1.9302	1.9302		4,187.4688	4,187.4688	1.1973		4,212.6120
Total	3.4040	35.2898	25.1140	0.0413		2.0809	2.0809		1.9302	1.9302		4,187.4688	4,187.4688	1.1973		4,212.6120

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.1900e-003	0.0864	0.0838	2.4000e-004	0.0999	1.2600e-003	0.1012	0.0109	1.1600e-003	0.0121		23.5803	23.5803	1.8000e-004		23.5840
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2152	0.2945	3.0736	7.5800e-003	0.6387	5.1300e-003	0.6438	0.1694	4.7300e-003	0.1741		612.7987	612.7987	0.0321		613.4734
Total	0.2214	0.3809	3.1574	7.8200e-003	0.7386	6.3900e-003	0.7450	0.1803	5.8900e-003	0.1862		636.3790	636.3790	0.0323		637.0573

3.15 Test & Maintenance Building Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6020	36.9292	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,187.4688	4,187.4688	1.1973		4,212.6120
Total	1.6020	36.9292	27.6007	0.0413		1.3040	1.3040		1.3040	1.3040	0.0000	4,187.4688	4,187.4688	1.1973		4,212.6120

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.1900e-003	0.0864	0.0838	2.4000e-004	0.0316	1.2600e-003	0.0328	4.1100e-003	1.1600e-003	5.2700e-003		23.5803	23.5803	1.8000e-004		23.5840
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2152	0.2945	3.0736	7.5800e-003	0.6387	5.1300e-003	0.6438	0.1694	4.7300e-003	0.1741		612.7987	612.7987	0.0321		613.4734
Total	0.2214	0.3809	3.1574	7.8200e-003	0.6703	6.3900e-003	0.6767	0.1735	5.8900e-003	0.1794		636.3790	636.3790	0.0323		637.0573

3.16 A-Install/Transfer Conductor (25) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	12.0956	137.6275	70.3446	0.1179		6.9414	6.9414		6.3861	6.3861		12,059.9129	12,059.9129	3.6951		12,137.5108
Total	12.0956	137.6275	70.3446	0.1179		6.9414	6.9414		6.3861	6.3861		12,059.9129	12,059.9129	3.6951		12,137.5108

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0267	0.3221	0.2415	1.0200e-003	0.7042	7.2600e-003	0.7114	0.0784	6.6800e-003	0.0851		101.0538	101.0538	5.3000e-004		101.0649
Worker	0.1306	0.1788	1.8661	4.6000e-003	0.3878	3.1100e-003	0.3909	0.1028	2.8700e-003	0.1057		372.0564	372.0564	0.0195		372.4660
Total	0.1573	0.5009	2.1076	5.6200e-003	1.0920	0.0104	1.1023	0.1813	9.5500e-003	0.1908		473.1102	473.1102	0.0200		473.5308

3.16 A-Install/Transfer Conductor (25) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0587	102.8039	78.9350	0.1179		2.9305	2.9305		2.9305	2.9305	0.0000	12,059.9129	12,059.9129	3.6951		12,137.5108
Total	4.0587	102.8039	78.9350	0.1179		2.9305	2.9305		2.9305	2.9305	0.0000	12,059.9129	12,059.9129	3.6951		12,137.5108

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0267	0.3221	0.2415	1.0200e-003	0.2243	7.2600e-003	0.2316	0.0305	6.6800e-003	0.0372		101.0538	101.0538	5.3000e-004		101.0649
Worker	0.1306	0.1788	1.8661	4.6000e-003	0.3878	3.1100e-003	0.3909	0.1028	2.8700e-003	0.1057		372.0564	372.0564	0.0195		372.4660
Total	0.1573	0.5009	2.1076	5.6200e-003	0.6121	0.0104	0.6225	0.1334	9.5500e-003	0.1429		473.1102	473.1102	0.0200		473.5308

3.17 A-LST Steel Assembly (19) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7645	27.5271	13.4356	0.0237		1.5256	1.5256		1.4359	1.4359		2,373.2530	2,373.2530	0.5953		2,385.7538
Total	2.7645	27.5271	13.4356	0.0237		1.5256	1.5256		1.4359	1.4359		2,373.2530	2,373.2530	0.5953		2,385.7538

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0922	0.1262	1.3172	3.2500e-003	0.2737	2.2000e-003	0.2759	0.0726	2.0300e-003	0.0746		262.6280	262.6280	0.0138		262.9172
Total	0.0922	0.1262	1.3172	3.2500e-003	0.2737	2.2000e-003	0.2759	0.0726	2.0300e-003	0.0746		262.6280	262.6280	0.0138		262.9172

3.17 A-LST Steel Assembly (19) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7389	20.0913	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,373.2530	2,373.2530	0.5953		2,385.7538
Total	0.7389	20.0913	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,373.2530	2,373.2530	0.5953		2,385.7538

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0922	0.1262	1.3172	3.2500e-003	0.2737	2.2000e-003	0.2759	0.0726	2.0300e-003	0.0746		262.6280	262.6280	0.0138		262.9172
Total	0.0922	0.1262	1.3172	3.2500e-003	0.2737	2.2000e-003	0.2759	0.0726	2.0300e-003	0.0746		262.6280	262.6280	0.0138		262.9172

3.18 B-Install/Transfer Conductor (25) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	10.6478	117.7544	59.6348	0.0998		6.3302	6.3302		5.8238	5.8238		10,213.0730	10,213.0730	3.1293		10,278.7876
Total	10.6478	117.7544	59.6348	0.0998		6.3302	6.3302		5.8238	5.8238		10,213.0730	10,213.0730	3.1293		10,278.7876

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0267	0.3221	0.2415	1.0200e-003	0.7042	7.2600e-003	0.7114	0.0784	6.6800e-003	0.0851		101.0538	101.0538	5.3000e-004		101.0649
Worker	0.1306	0.1788	1.8661	4.6000e-003	0.3878	3.1100e-003	0.3909	0.1028	2.8700e-003	0.1057		372.0564	372.0564	0.0195		372.4660
Total	0.1573	0.5009	2.1076	5.6200e-003	1.0920	0.0104	1.1023	0.1813	9.5500e-003	0.1908		473.1102	473.1102	0.0200		473.5308

3.18 B-Install/Transfer Conductor (25) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4553	88.7839	65.1527	0.0998		2.6207	2.6207		2.6207	2.6207	0.0000	10,213.0730	10,213.0730	3.1293		10,278.7876
Total	3.4553	88.7839	65.1527	0.0998		2.6207	2.6207		2.6207	2.6207	0.0000	10,213.0730	10,213.0730	3.1293		10,278.7876

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0267	0.3221	0.2415	1.0200e-003	0.2243	7.2600e-003	0.2316	0.0305	6.6800e-003	0.0372		101.0538	101.0538	5.3000e-004		101.0649
Worker	0.1306	0.1788	1.8661	4.6000e-003	0.3878	3.1100e-003	0.3909	0.1028	2.8700e-003	0.1057		372.0564	372.0564	0.0195		372.4660
Total	0.1573	0.5009	2.1076	5.6200e-003	0.6121	0.0104	0.6225	0.1334	9.5500e-003	0.1429		473.1102	473.1102	0.0200		473.5308

3.19 B-Remove Existing Conductor & GW (11) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.2052	62.3963	30.6776	0.0632		2.6694	2.6694		2.4559	2.4559		6,467.5689	6,467.5689	1.9817		6,509.1835
Total	5.2052	62.3963	30.6776	0.0632		2.6694	2.6694		2.4559	2.4559		6,467.5689	6,467.5689	1.9817		6,509.1835

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0534	0.6442	0.4830	2.0500e-003	1.4083	0.0145	1.4228	0.1569	0.0134	0.1702		202.1076	202.1076	1.0500e-003		202.1297
Worker	0.1230	0.1683	1.7563	4.3300e-003	0.3650	2.9300e-003	0.3679	0.0968	2.7000e-003	0.0995		350.1707	350.1707	0.0184		350.5562
Total	0.1763	0.8125	2.2393	6.3800e-003	1.7733	0.0174	1.7908	0.2537	0.0161	0.2697		552.2783	552.2783	0.0194		552.6860

3.19 B-Remove Existing Conductor & GW (11) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9070	53.3710	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,467.5689	6,467.5689	1.9817		6,509.1835
Total	1.9070	53.3710	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,467.5689	6,467.5689	1.9817		6,509.1835

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0534	0.6442	0.4830	2.0500e-003	0.4487	0.0145	0.4632	0.0611	0.0134	0.0744		202.1076	202.1076	1.0500e-003		202.1297
Worker	0.1230	0.1683	1.7563	4.3300e-003	0.3650	2.9300e-003	0.3679	0.0968	2.7000e-003	0.0995		350.1707	350.1707	0.0184		350.5562
Total	0.1763	0.8125	2.2393	6.3800e-003	0.8137	0.0174	0.8311	0.1578	0.0161	0.1739		552.2783	552.2783	0.0194		552.6860

3.20 A-Remove Shoo-fly Conductor & GW (27) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.5056	63.2202	31.8722	0.0665		2.7600	2.7600		2.5392	2.5392		6,796.5501	6,796.5501	2.0825		6,840.2815
Total	5.5056	63.2202	31.8722	0.0665		2.7600	2.7600		2.5392	2.5392		6,796.5501	6,796.5501	2.0825		6,840.2815

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	0.4295	0.3220	1.3600e-003	0.9389	9.6800e-003	0.9486	0.1046	8.9000e-003	0.1135		134.7384	134.7384	7.0000e-004		134.7532
Worker	0.1230	0.1683	1.7563	4.3300e-003	0.3650	2.9300e-003	0.3679	0.0968	2.7000e-003	0.0995		350.1707	350.1707	0.0184		350.5562
Total	0.1585	0.5978	2.0783	5.6900e-003	1.3039	0.0126	1.3165	0.2014	0.0116	0.2130		484.9091	484.9091	0.0191		485.3094

3.20 A-Remove Shoo-fly Conductor & GW (27) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9476	54.6242	39.7913	0.0665		1.4121	1.4121		1.4121	1.4121	0.0000	6,796.5501	6,796.5501	2.0825		6,840.2815
Total	1.9476	54.6242	39.7913	0.0665		1.4121	1.4121		1.4121	1.4121	0.0000	6,796.5501	6,796.5501	2.0825		6,840.2815

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	0.4295	0.3220	1.3600e-003	0.2991	9.6800e-003	0.3088	0.0407	8.9000e-003	0.0496		134.7384	134.7384	7.0000e-004		134.7532
Worker	0.1230	0.1683	1.7563	4.3300e-003	0.3650	2.9300e-003	0.3679	0.0968	2.7000e-003	0.0995		350.1707	350.1707	0.0184		350.5562
Total	0.1585	0.5978	2.0783	5.6900e-003	0.6641	0.0126	0.6767	0.1375	0.0116	0.1491		484.9091	484.9091	0.0191		485.3094

3.21 A-Shoo-fly Pole Removal (26) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0095	32.1289	17.1150	0.0364		1.4739	1.4739		1.3837	1.3837		3,675.7147	3,675.7147	1.0132		3,696.9917
Total	3.0095	32.1289	17.1150	0.0364		1.4739	1.4739		1.3837	1.3837		3,675.7147	3,675.7147	1.0132		3,696.9917

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.2147	0.1610	6.8000e-004	0.4694	4.8400e-003	0.4743	0.0523	4.4500e-003	0.0567		67.3692	67.3692	3.5000e-004		67.3766
Worker	0.0307	0.0421	0.4391	1.0800e-003	0.0912	7.3000e-004	0.0920	0.0242	6.8000e-004	0.0249		87.5427	87.5427	4.5900e-003		87.6391
Total	0.0485	0.2568	0.6001	1.7600e-003	0.5607	5.5700e-003	0.5663	0.0765	5.1300e-003	0.0816		154.9119	154.9119	4.9400e-003		155.0156

3.21 A-Shoo-fly Pole Removal (26) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0676	29.8256	20.7726	0.0364		0.8258	0.8258		0.8258	0.8258	0.0000	3,675.7147	3,675.7147	1.0132		3,696.9917
Total	1.0676	29.8256	20.7726	0.0364		0.8258	0.8258		0.8258	0.8258	0.0000	3,675.7147	3,675.7147	1.0132		3,696.9917

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.2147	0.1610	6.8000e-004	0.1496	4.8400e-003	0.1544	0.0204	4.4500e-003	0.0248		67.3692	67.3692	3.5000e-004		67.3766
Worker	0.0307	0.0421	0.4391	1.0800e-003	0.0912	7.3000e-004	0.0920	0.0242	6.8000e-004	0.0249		87.5427	87.5427	4.5900e-003		87.6391
Total	0.0485	0.2568	0.6001	1.7600e-003	0.2408	5.5700e-003	0.2464	0.0446	5.1300e-003	0.0497		154.9119	154.9119	4.9400e-003		155.0156

3.22 A-Guard Structure Removal (28) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5458	37.6254	18.4556	0.0395		1.7536	1.7536		1.6456	1.6456		3,991.2972	3,991.2972	1.0911		4,014.2092
Total	3.5458	37.6254	18.4556	0.0395		1.7536	1.7536		1.6456	1.6456		3,991.2972	3,991.2972	1.0911		4,014.2092

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.2147	0.1610	6.8000e-004	0.4694	4.8400e-003	0.4743	0.0523	4.4500e-003	0.0567		67.3692	67.3692	3.5000e-004		67.3766
Worker	0.0615	0.0842	0.8782	2.1600e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		175.0854	175.0854	9.1800e-003		175.2781
Total	0.0793	0.2989	1.0392	2.8400e-003	0.6519	6.3100e-003	0.6582	0.1007	5.8000e-003	0.1065		242.4546	242.4546	9.5300e-003		242.6547

3.22 A-Guard Structure Removal (28) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1121	32.1948	22.0696	0.0395		0.8524	0.8524		0.8524	0.8524	0.0000	3,991.2972	3,991.2972	1.0911		4,014.2092
Total	1.1121	32.1948	22.0696	0.0395		0.8524	0.8524		0.8524	0.8524	0.0000	3,991.2972	3,991.2972	1.0911		4,014.2092

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.2147	0.1610	6.8000e-004	0.1496	4.8400e-003	0.1544	0.0204	4.4500e-003	0.0248		67.3692	67.3692	3.5000e-004		67.3766
Worker	0.0615	0.0842	0.8782	2.1600e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		175.0854	175.0854	9.1800e-003		175.2781
Total	0.0793	0.2989	1.0392	2.8400e-003	0.3321	6.3100e-003	0.3384	0.0688	5.8000e-003	0.0746		242.4546	242.4546	9.5300e-003		242.6547

3.23 B-LST Removal (12) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1417	42.6553	20.3526	0.0433		2.0630	2.0630		1.9442	1.9442		4,350.2022	4,350.2022	1.1445		4,374.2366
Total	4.1417	42.6553	20.3526	0.0433		2.0630	2.0630		1.9442	1.9442		4,350.2022	4,350.2022	1.1445		4,374.2366

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0290	0.4043	0.3921	1.1100e-003	0.4675	5.9200e-003	0.4734	0.0512	5.4400e-003	0.0566		110.3219	110.3219	8.2000e-004		110.3392
Vendor	0.0178	0.2147	0.1610	6.8000e-004	0.4694	4.8400e-003	0.4743	0.0523	4.4500e-003	0.0567		67.3692	67.3692	3.5000e-004		67.3766
Worker	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684
Total	0.1006	0.6926	1.3215	3.6800e-003	1.0966	0.0120	1.1086	0.1458	0.0111	0.1569		330.8908	330.8908	9.2000e-003		331.0841

3.23 B-LST Removal (12) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1980	34.9331	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,350.2022	4,350.2022	1.1445		4,374.2366
Total	1.1980	34.9331	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,350.2022	4,350.2022	1.1445		4,374.2366

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0290	0.4043	0.3921	1.1100e-003	0.1476	5.9200e-003	0.1535	0.0192	5.4400e-003	0.0247		110.3219	110.3219	8.2000e-004		110.3392
Vendor	0.0178	0.2147	0.1610	6.8000e-004	0.1496	4.8400e-003	0.1544	0.0204	4.4500e-003	0.0248		67.3692	67.3692	3.5000e-004		67.3766
Worker	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684
Total	0.1006	0.6926	1.3215	3.6800e-003	0.4568	0.0120	0.4689	0.0819	0.0111	0.0930		330.8908	330.8908	9.2000e-003		331.0841

3.24 B-LST Foundation Removal (13) - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926
Total	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0266	0.3706	0.3595	1.0200e-003	0.4285	5.4200e-003	0.4340	0.0469	4.9900e-003	0.0519		101.1284	101.1284	7.6000e-004		101.1443
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0384	0.0526	0.5489	1.3500e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		109.4284	109.4284	5.7400e-003		109.5488
Total	0.0650	0.4232	0.9083	2.3700e-003	0.5426	6.3400e-003	0.5489	0.0772	5.8300e-003	0.0830		210.5567	210.5567	6.5000e-003		210.6931

3.24 B-LST Foundation Removal (13) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926
Total	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0266	0.3706	0.3595	1.0200e-003	0.1353	5.4200e-003	0.1407	0.0176	4.9900e-003	0.0226		101.1284	101.1284	7.6000e-004		101.1443
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0384	0.0526	0.5489	1.3500e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		109.4284	109.4284	5.7400e-003		109.5488
Total	0.0650	0.4232	0.9083	2.3700e-003	0.2494	6.3400e-003	0.2557	0.0479	5.8300e-003	0.0537		210.5567	210.5567	6.5000e-003		210.6931

3.25 B-TSP Removal (14) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3317	33.0391	16.9072	0.0362		1.6343	1.6343		1.5498	1.5498		3,628.6547	3,628.6547	0.9234		3,648.0464
Total	3.3317	33.0391	16.9072	0.0362		1.6343	1.6343		1.5498	1.5498		3,628.6547	3,628.6547	0.9234		3,648.0464

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0615	0.0842	0.8782	2.1600e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		175.0854	175.0854	9.1800e-003		175.2781
Total	0.0615	0.0842	0.8782	2.1600e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		175.0854	175.0854	9.1800e-003		175.2781

3.25 B-TSP Removal (14) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0246	28.9367	20.0802	0.0362		0.7899	0.7899		0.7899	0.7899	0.0000	3,628.6547	3,628.6547	0.9234		3,648.0464
Total	1.0246	28.9367	20.0802	0.0362		0.7899	0.7899		0.7899	0.7899	0.0000	3,628.6547	3,628.6547	0.9234		3,648.0464

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0615	0.0842	0.8782	2.1600e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		175.0854	175.0854	9.1800e-003		175.2781
Total	0.0615	0.0842	0.8782	2.1600e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		175.0854	175.0854	9.1800e-003		175.2781

3.26 66 kV Pole Removal (16) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7725	18.5066	9.8260	0.0177		0.9386	0.9386		0.8866	0.8866		1,774.8734	1,774.8734	0.4496		1,784.3154
Total	1.7725	18.5066	9.8260	0.0177		0.9386	0.9386		0.8866	0.8866		1,774.8734	1,774.8734	0.4496		1,784.3154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.2147	0.1610	6.8000e-004	0.4694	4.8400e-003	0.4743	0.0523	4.4500e-003	0.0567		67.3692	67.3692	3.5000e-004		67.3766
Worker	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684
Total	0.0716	0.2884	0.9294	2.5700e-003	0.6291	6.1200e-003	0.6352	0.0946	5.6300e-003	0.1003		220.5689	220.5689	8.3800e-003		220.7449

3.26 66 kV Pole Removal (16) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5690	15.1334	10.5084	0.0177		0.4504	0.4504		0.4504	0.4504	0.0000	1,774.8734	1,774.8734	0.4496		1,784.3154
Total	0.5690	15.1334	10.5084	0.0177		0.4504	0.4504		0.4504	0.4504	0.0000	1,774.8734	1,774.8734	0.4496		1,784.3154

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.2147	0.1610	6.8000e-004	0.1496	4.8400e-003	0.1544	0.0204	4.4500e-003	0.0248		67.3692	67.3692	3.5000e-004		67.3766
Worker	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684
Total	0.0716	0.2884	0.9294	2.5700e-003	0.3092	6.1200e-003	0.3154	0.0627	5.6300e-003	0.0683		220.5689	220.5689	8.3800e-003		220.7449

3.27 B-TSP Foundation Removal (15) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926
Total	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5649	7.8835	7.6466	0.0217	9.1159	0.1154	9.2313	0.9978	0.1061	1.1039		2,151.2764	2,151.2764	0.0161		2,151.6140
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0384	0.0526	0.5489	1.3500e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		109.4284	109.4284	5.7400e-003		109.5488
Total	0.6033	7.9361	8.1955	0.0231	9.2300	0.1163	9.3463	1.0280	0.1070	1.1350		2,260.7047	2,260.7047	0.0218		2,261.1628

3.27 B-TSP Foundation Removal (15) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926
Total	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5649	7.8835	7.6466	0.0217	2.8782	0.1154	2.9936	0.3751	0.1061	0.4812		2,151.2764	2,151.2764	0.0161		2,151.6140
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0384	0.0526	0.5489	1.3500e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		109.4284	109.4284	5.7400e-003		109.5488
Total	0.6033	7.9361	8.1955	0.0231	2.9923	0.1163	3.1086	0.4053	0.1070	0.5123		2,260.7047	2,260.7047	0.0218		2,261.1628

3.28 Testing Phase 1 - 2017

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0500	0.0684	0.7135	1.7600e-003	0.1483	1.1900e-003	0.1495	0.0393	1.1000e-003	0.0404		142.2569	142.2569	7.4600e-003		142.4135
Total	0.0500	0.0684	0.7135	1.7600e-003	0.1483	1.1900e-003	0.1495	0.0393	1.1000e-003	0.0404		142.2569	142.2569	7.4600e-003		142.4135

3.28 Testing Phase 1 - 2017

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0500	0.0684	0.7135	1.7600e-003	0.1483	1.1900e-003	0.1495	0.0393	1.1000e-003	0.0404		142.2569	142.2569	7.4600e-003		142.4135
Total	0.0500	0.0684	0.7135	1.7600e-003	0.1483	1.1900e-003	0.1495	0.0393	1.1000e-003	0.0404		142.2569	142.2569	7.4600e-003		142.4135

3.29 Install Underground Cable (30) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4837	17.3600	8.1149	0.0143		0.8114	0.8114		0.7465	0.7465		1,463.6967	1,463.6967	0.4485		1,473.1146
Total	1.4837	17.3600	8.1149	0.0143		0.8114	0.8114		0.7465	0.7465		1,463.6967	1,463.6967	0.4485		1,473.1146

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.6800e-003	0.0105	0.1098	2.7000e-004	0.0228	1.8000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		21.8857	21.8857	1.1500e-003		21.9098
Total	7.6800e-003	0.0105	0.1098	2.7000e-004	0.0228	1.8000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		21.8857	21.8857	1.1500e-003		21.9098

3.29 Install Underground Cable (30) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4470	12.3648	8.9639	0.0143		0.3230	0.3230		0.3230	0.3230	0.0000	1,463.6967	1,463.6967	0.4485		1,473.1146
Total	0.4470	12.3648	8.9639	0.0143		0.3230	0.3230		0.3230	0.3230	0.0000	1,463.6967	1,463.6967	0.4485		1,473.1146

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.6800e-003	0.0105	0.1098	2.7000e-004	0.0228	1.8000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		21.8857	21.8857	1.1500e-003		21.9098
Total	7.6800e-003	0.0105	0.1098	2.7000e-004	0.0228	1.8000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003		21.8857	21.8857	1.1500e-003		21.9098

3.30 Splice Underground Cable (31) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5165	4.4773	3.1287	3.7900e-003		0.3682	0.3682		0.3387	0.3387		388.2330	388.2330	0.1190		390.7310
Total	0.5165	4.4773	3.1287	3.7900e-003		0.3682	0.3682		0.3387	0.3387		388.2330	388.2330	0.1190		390.7310

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.8400e-003	5.2600e-003	0.0549	1.4000e-004	0.0114	9.0000e-005	0.0115	3.0200e-003	8.0000e-005	3.1100e-003		10.9428	10.9428	5.7000e-004		10.9549
Total	3.8400e-003	5.2600e-003	0.0549	1.4000e-004	0.0114	9.0000e-005	0.0115	3.0200e-003	8.0000e-005	3.1100e-003		10.9428	10.9428	5.7000e-004		10.9549

3.30 Splice Underground Cable (31) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1800	3.7171	2.8955	3.7900e-003		0.1503	0.1503		0.1503	0.1503	0.0000	388.2330	388.2330	0.1190		390.7310
Total	0.1800	3.7171	2.8955	3.7900e-003		0.1503	0.1503		0.1503	0.1503	0.0000	388.2330	388.2330	0.1190		390.7310

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.8400e-003	5.2600e-003	0.0549	1.4000e-004	0.0114	9.0000e-005	0.0115	3.0200e-003	8.0000e-005	3.1100e-003		10.9428	10.9428	5.7000e-004		10.9549
Total	3.8400e-003	5.2600e-003	0.0549	1.4000e-004	0.0114	9.0000e-005	0.0115	3.0200e-003	8.0000e-005	3.1100e-003		10.9428	10.9428	5.7000e-004		10.9549

3.31 B-Guard Structure Installation (6) - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.9391	55.1885	26.9189	0.0706		2.3005	2.3005		2.1488	2.1488		7,169.6027	7,169.6027	2.0649		7,212.9650
Total	4.9391	55.1885	26.9189	0.0706		2.3005	2.3005		2.1488	2.1488		7,169.6027	7,169.6027	2.0649		7,212.9650

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.2147	0.1610	6.8000e-004	0.4694	4.8400e-003	0.4743	0.0523	4.4500e-003	0.0567		67.3692	67.3692	3.5000e-004		67.3766
Worker	0.0307	0.0421	0.4391	1.0800e-003	0.0912	7.3000e-004	0.0920	0.0242	6.8000e-004	0.0249		87.5427	87.5427	4.5900e-003		87.6391
Total	0.0485	0.2568	0.6001	1.7600e-003	0.5607	5.5700e-003	0.5663	0.0765	5.1300e-003	0.0816		154.9119	154.9119	4.9400e-003		155.0156

3.31 B-Guard Structure Installation (6) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8788	57.5013	38.6801	0.0706		1.4146	1.4146		1.4146	1.4146	0.0000	7,169.6027	7,169.6027	2.0649		7,212.9650
Total	1.8788	57.5013	38.6801	0.0706		1.4146	1.4146		1.4146	1.4146	0.0000	7,169.6027	7,169.6027	2.0649		7,212.9650

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.2147	0.1610	6.8000e-004	0.1496	4.8400e-003	0.1544	0.0204	4.4500e-003	0.0248		67.3692	67.3692	3.5000e-004		67.3766
Worker	0.0307	0.0421	0.4391	1.0800e-003	0.0912	7.3000e-004	0.0920	0.0242	6.8000e-004	0.0249		87.5427	87.5427	4.5900e-003		87.6391
Total	0.0485	0.2568	0.6001	1.7600e-003	0.2408	5.5700e-003	0.2464	0.0446	5.1300e-003	0.0497		154.9119	154.9119	4.9400e-003		155.0156

3.32 C-Remove Existing Conductor & GW (11) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.2052	62.3963	30.6776	0.0632		2.6694	2.6694		2.4559	2.4559		6,467.5689	6,467.5689	1.9817		6,509.1835
Total	5.2052	62.3963	30.6776	0.0632		2.6694	2.6694		2.4559	2.4559		6,467.5689	6,467.5689	1.9817		6,509.1835

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0534	0.6442	0.4830	2.0500e-003	1.4083	0.0145	1.4228	0.1569	0.0134	0.1702		202.1076	202.1076	1.0500e-003		202.1297
Worker	0.1230	0.1683	1.7563	4.3300e-003	0.3650	2.9300e-003	0.3679	0.0968	2.7000e-003	0.0995		350.1707	350.1707	0.0184		350.5562
Total	0.1763	0.8125	2.2393	6.3800e-003	1.7733	0.0174	1.7908	0.2537	0.0161	0.2697		552.2783	552.2783	0.0194		552.6860

3.32 C-Remove Existing Conductor & GW (11) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9070	53.3710	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,467.5689	6,467.5689	1.9817		6,509.1835
Total	1.9070	53.3710	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,467.5689	6,467.5689	1.9817		6,509.1835

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0534	0.6442	0.4830	2.0500e-003	0.4487	0.0145	0.4632	0.0611	0.0134	0.0744		202.1076	202.1076	1.0500e-003		202.1297
Worker	0.1230	0.1683	1.7563	4.3300e-003	0.3650	2.9300e-003	0.3679	0.0968	2.7000e-003	0.0995		350.1707	350.1707	0.0184		350.5562
Total	0.1763	0.8125	2.2393	6.3800e-003	0.8137	0.0174	0.8311	0.1578	0.0161	0.1739		552.2783	552.2783	0.0194		552.6860

3.33 C-LST Removal (12) - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1417	42.6553	20.3526	0.0433		2.0630	2.0630		1.9442	1.9442		4,350.202 2	4,350.202 2	1.1445		4,374.236 6
Total	4.1417	42.6553	20.3526	0.0433		2.0630	2.0630		1.9442	1.9442		4,350.202 2	4,350.202 2	1.1445		4,374.236 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0290	0.4043	0.3921	1.1100e-003	0.4675	5.9200e-003	0.4734	0.0512	5.4400e-003	0.0566		110.3219	110.3219	8.2000e-004		110.3392
Vendor	0.0178	0.2147	0.1610	6.8000e-004	0.4694	4.8400e-003	0.4743	0.0523	4.4500e-003	0.0567		67.3692	67.3692	3.5000e-004		67.3766
Worker	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684
Total	0.1006	0.6926	1.3215	3.6800e-003	1.0966	0.0120	1.1086	0.1458	0.0111	0.1569		330.8908	330.8908	9.2000e-003		331.0841

3.33 C-LST Removal (12) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1980	34.9331	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,350.2022	4,350.2022	1.1445		4,374.2366
Total	1.1980	34.9331	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,350.2022	4,350.2022	1.1445		4,374.2366

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0290	0.4043	0.3921	1.1100e-003	0.1476	5.9200e-003	0.1535	0.0192	5.4400e-003	0.0247		110.3219	110.3219	8.2000e-004		110.3392
Vendor	0.0178	0.2147	0.1610	6.8000e-004	0.1496	4.8400e-003	0.1544	0.0204	4.4500e-003	0.0248		67.3692	67.3692	3.5000e-004		67.3766
Worker	0.0538	0.0736	0.7684	1.8900e-003	0.1597	1.2800e-003	0.1610	0.0424	1.1800e-003	0.0435		153.1997	153.1997	8.0300e-003		153.3684
Total	0.1006	0.6926	1.3215	3.6800e-003	0.4568	0.0120	0.4689	0.0819	0.0111	0.0930		330.8908	330.8908	9.2000e-003		331.0841

3.34 C-LST Foundation Removal (13) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926
Total	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0269	0.3754	0.3641	1.0300e-003	0.4341	5.4900e-003	0.4396	0.0475	5.0500e-003	0.0526		102.4417	102.4417	7.7000e-004		102.4578
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0384	0.0526	0.5489	1.3500e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		109.4284	109.4284	5.7400e-003		109.5488
Total	0.0653	0.4280	0.9130	2.3800e-003	0.5482	6.4100e-003	0.5546	0.0778	5.8900e-003	0.0837		211.8701	211.8701	6.5100e-003		212.0066

3.34 C-LST Foundation Removal (13) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926
Total	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0269	0.3754	0.3641	1.0300e-003	0.1371	5.4900e-003	0.1426	0.0179	5.0500e-003	0.0229		102.4417	102.4417	7.7000e-004		102.4578
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0384	0.0526	0.5489	1.3500e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		109.4284	109.4284	5.7400e-003		109.5488
Total	0.0653	0.4280	0.9130	2.3800e-003	0.2511	6.4100e-003	0.2575	0.0481	5.8900e-003	0.0540		211.8701	211.8701	6.5100e-003		212.0066

3.35 C-TSP Removal (14) - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3317	33.0391	16.9072	0.0362		1.6343	1.6343		1.5498	1.5498		3,628.6547	3,628.6547	0.9234		3,648.0464
Total	3.3317	33.0391	16.9072	0.0362		1.6343	1.6343		1.5498	1.5498		3,628.6547	3,628.6547	0.9234		3,648.0464

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0615	0.0842	0.8782	2.1600e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		175.0854	175.0854	9.1800e-003		175.2781
Total	0.0615	0.0842	0.8782	2.1600e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		175.0854	175.0854	9.1800e-003		175.2781

3.35 C-TSP Removal (14) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0246	28.9367	20.0802	0.0362		0.7899	0.7899		0.7899	0.7899	0.0000	3,628.6547	3,628.6547	0.9234		3,648.0464
Total	1.0246	28.9367	20.0802	0.0362		0.7899	0.7899		0.7899	0.7899	0.0000	3,628.6547	3,628.6547	0.9234		3,648.0464

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0615	0.0842	0.8782	2.1600e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		175.0854	175.0854	9.1800e-003		175.2781
Total	0.0615	0.0842	0.8782	2.1600e-003	0.1825	1.4700e-003	0.1840	0.0484	1.3500e-003	0.0498		175.0854	175.0854	9.1800e-003		175.2781

3.36 C-TSP Foundation Removal (15) - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926
Total	3.4424	32.2071	22.3445	0.0407		1.8535	1.8535		1.7514	1.7514		4,090.7278	4,090.7278	1.0650		4,113.0926

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4635	6.4685	6.2742	0.0178	7.4797	0.0947	7.5744	0.8187	0.0871	0.9058		1,765.1499	1,765.1499	0.0132		1,765.4268
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0384	0.0526	0.5489	1.3500e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		109.4284	109.4284	5.7400e-003		109.5488
Total	0.5019	6.5211	6.8230	0.0192	7.5938	0.0956	7.6894	0.8489	0.0879	0.9369		1,874.5782	1,874.5782	0.0189		1,874.9757

3.36 C-TSP Foundation Removal (15) - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926
Total	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	4,090.7278	4,090.7278	1.0650		4,113.0926

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4635	6.4685	6.2742	0.0178	2.3616	0.0947	2.4563	0.3077	0.0871	0.3948		1,765.1499	1,765.1499	0.0132		1,765.4268
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0384	0.0526	0.5489	1.3500e-003	0.1141	9.2000e-004	0.1150	0.0303	8.4000e-004	0.0311		109.4284	109.4284	5.7400e-003		109.5488
Total	0.5019	6.5211	6.8230	0.0192	2.4757	0.0956	2.5713	0.3380	0.0879	0.4259		1,874.5782	1,874.5782	0.0189		1,874.9757

3.37 Maintenance Crew Equipment Check Phase 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0900	12.2929	5.8567	0.0164		0.4563	0.4563		0.4198	0.4198		1,680.3281	1,680.3281	0.5149		1,691.1399
Total	1.0900	12.2929	5.8567	0.0164	0.0000	0.4563	0.4563	0.0000	0.4198	0.4198		1,680.3281	1,680.3281	0.5149		1,691.1399

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0192	0.0263	0.2744	6.8000e-004	0.0570	4.6000e-004	0.0575	0.0151	4.2000e-004	0.0156		54.7142	54.7142	2.8700e-003		54.7744
Total	0.0192	0.0263	0.2744	6.8000e-004	0.0570	4.6000e-004	0.0575	0.0151	4.2000e-004	0.0156		54.7142	54.7142	2.8700e-003		54.7744

3.37 Maintenance Crew Equipment Check Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4021	12.7004	8.7127	0.0164		0.2949	0.2949		0.2949	0.2949	0.0000	1,680.328 1	1,680.328 1	0.5149		1,691.139 9
Total	0.4021	12.7004	8.7127	0.0164	0.0000	0.2949	0.2949	0.0000	0.2949	0.2949	0.0000	1,680.328 1	1,680.328 1	0.5149		1,691.139 9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0192	0.0263	0.2744	6.8000e-004	0.0570	4.6000e-004	0.0575	0.0151	4.2000e-004	0.0156		54.7142	54.7142	2.8700e-003		54.7744
Total	0.0192	0.0263	0.2744	6.8000e-004	0.0570	4.6000e-004	0.0575	0.0151	4.2000e-004	0.0156		54.7142	54.7142	2.8700e-003		54.7744

3.38 Asphaltting Phase 1 - 2017**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1953	12.4164	8.5167	0.0124		0.7344	0.7344		0.6757	0.6757		1,267.643 2	1,267.643 2	0.3884		1,275.799 7
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1953	12.4164	8.5167	0.0124		0.7344	0.7344		0.6757	0.6757		1,267.643 2	1,267.643 2	0.3884		1,275.799 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2885	4.0260	3.9050	0.0111	4.6554	0.0589	4.7143	0.5096	0.0542	0.5638		1,098.621 9	1,098.621 9	8.2100e- 003		1,098.794 3
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0730	0.0999	1.0428	2.5700e- 003	0.2167	1.7400e- 003	0.2185	0.0575	1.6000e- 003	0.0591		207.9139	207.9139	0.0109		208.1428
Total	0.3615	4.1259	4.9478	0.0137	4.8721	0.0607	4.9327	0.5670	0.0558	0.6228		1,306.535 8	1,306.535 8	0.0191		1,306.937 1

3.38 Asphaltting Phase 1 - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5189	11.1182	9.3980	0.0124		0.3832	0.3832		0.3832	0.3832	0.0000	1,267.643 2	1,267.643 2	0.3884		1,275.799 7
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5189	11.1182	9.3980	0.0124		0.3832	0.3832		0.3832	0.3832	0.0000	1,267.643 2	1,267.643 2	0.3884		1,275.799 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2885	4.0260	3.9050	0.0111	1.4699	0.0589	1.5288	0.1915	0.0542	0.2457		1,098.621 9	1,098.621 9	8.2100e- 003		1,098.794 3
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0730	0.0999	1.0428	2.5700e- 003	0.2167	1.7400e- 003	0.2185	0.0575	1.6000e- 003	0.0591		207.9139	207.9139	0.0109		208.1428
Total	0.3615	4.1259	4.9478	0.0137	1.6866	0.0607	1.7472	0.2490	0.0558	0.3048		1,306.535 8	1,306.535 8	0.0191		1,306.937 1

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

4.2 Trip Summary Information

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

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507717	0.059700	0.181648	0.140055	0.042936	0.006749	0.016265	0.033349	0.001955	0.002502	0.004345	0.000573	0.002206

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

6.0 Area Detail

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

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

6.2 Area by SubCategory

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

C-LST Removal (12)	0.69	0.18	-0.16	0.00	0.55	0.52	0.00	0.00	0.00	0.00	0.00	0.00
Construction and Materials Yard (2)	0.66	0.09	-0.34	0.00	0.48	0.44	0.00	0.00	0.00	0.00	0.00	0.00
Control Building Phase 1	0.50	-0.05	-0.09	0.00	0.37	0.32	0.00	0.00	0.00	0.00	0.00	0.00
C-Remove Existing Conductor & GW (11)	0.61	0.14	-0.23	0.00	0.47	0.42	0.00	0.00	0.00	0.00	0.00	0.00
C-TSP Foundation Removal (15)	0.52	-0.04	-0.12	0.00	0.40	0.37	0.00	0.00	0.00	0.00	0.00	0.00
C-TSP Removal (14)	0.68	0.12	-0.18	0.00	0.52	0.49	0.00	0.00	0.00	0.00	0.00	0.00
Fencing Phase 1 Block Wall	0.49	-0.07	-0.02	0.00	0.39	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic Cable Installation	-0.43	-0.97	-0.13	0.00	-1.28	-1.47	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/Copper Cable Removal	-0.43	-0.97	-0.13	0.00	-1.28	-1.48	0.00	0.00	0.00	0.00	0.00	0.00
Grading Phase 1	0.66	0.20	-0.03	0.00	0.54	0.50	0.00	0.00	0.00	0.00	0.00	0.00
Install Underground Cable (30)	0.70	0.29	-0.10	0.00	0.60	0.57	0.00	0.00	0.00	0.00	0.00	0.00
Maintenance Crew Equipment Check Phase 1	0.62	-0.03	-0.47	0.00	0.35	0.30	0.00	0.00	0.00	0.00	0.00	0.00
MEER Phase 1	0.51	-0.06	-0.09	0.00	0.36	0.32	0.00	0.00	0.00	0.00	0.00	0.00
Splice Underground Cable (31)	0.65	0.17	0.07	0.00	0.59	0.56	0.00	0.00	0.00	0.00	0.00	0.00
Splicing & Testing	0.63	0.17	0.07	0.00	0.59	0.56	0.00	0.00	0.00	0.00	0.00	0.00
Survey	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Survey (1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Test & Maintenance Building Phase 1	0.50	-0.05	-0.09	0.00	0.37	0.32	0.00	0.00	0.00	0.00	0.00	0.00
Testing Phase 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wood Pole Replacement & Transfer of Facilities	0.56	-0.07	-0.51	0.00	0.35	0.29	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Aerial Lifts	Diesel	Tier 2	35	35	No Change	0.00
Air Compressors	Diesel	Tier 2	26	26	No Change	0.00
Bore/Drill Rigs	Diesel	Tier 2	7	7	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 2	0	0	No Change	0.00
Concrete/Industrial Saws	Diesel	Tier 2	0	0	No Change	0.00
Cranes	Diesel	Tier 2	48	48	No Change	0.00
Crawler Tractors	Diesel	Tier 2	10	10	No Change	0.00
Excavators	Diesel	Tier 2	7	7	No Change	0.00
Forklifts	Diesel	Tier 2	17	17	No Change	0.00
Generator Sets	Diesel	Tier 2	1	1	No Change	0.00
Graders	Diesel	Tier 2	4	4	No Change	0.00
Off-Highway Trucks	Diesel	Tier 2	39	39	No Change	0.00
Other Construction Equipment	Diesel	Tier 2	22	22	No Change	0.00
Other General Industrial Equipment	Diesel	Tier 2	12	12	No Change	0.00
Pavers	Diesel	Tier 2	1	1	No Change	0.00
Rollers	Diesel	Tier 2	2	2	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 2	0	0	No Change	0.00
Scrapers	Diesel	Tier 2	6	6	No Change	0.00
Skid Steer Loaders	Diesel	Tier 2	11	11	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 2	38	38	No Change	0.00
Pumps	Diesel	Tier 2	5	5	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr						Unmitigated mt/yr						
Aerial Lifts	7.82300E-002	1.29602E+000	1.74596E+000	2.68000E-003	4.57400E-002	4.20900E-002	0.00000E+000	2.47882E+002	2.47882E+002	7.59500E-002	0.00000E+000	2.49477E+002
Air Compressors	1.25780E-001	8.27030E-001	7.07060E-001	1.12000E-003	6.56100E-002	6.56100E-002	0.00000E+000	9.66407E+001	9.66407E+001	1.02000E-002	0.00000E+000	9.68549E+001
Bore/Drill Rigs	1.24950E-001	1.81593E+000	7.93710E-001	3.48000E-003	5.22000E-002	4.80200E-002	0.00000E+000	3.22838E+002	3.22838E+002	9.89200E-002	0.00000E+000	3.24915E+002
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	5.96760E-001	7.08477E+000	2.53841E+000	5.19000E-003	3.15850E-001	2.90580E-001	0.00000E+000	4.82260E+002	4.82260E+002	1.47760E-001	0.00000E+000	4.85363E+002
Crawler Tractors	8.38400E-002	1.12435E+000	3.40020E-001	9.50000E-004	4.29200E-002	3.94900E-002	0.00000E+000	8.85158E+001	8.85158E+001	2.71200E-002	0.00000E+000	8.90854E+001
Excavators	7.67400E-002	8.51070E-001	7.24830E-001	1.12000E-003	4.18700E-002	3.85200E-002	0.00000E+000	1.04036E+002	1.04036E+002	3.18800E-002	0.00000E+000	1.04705E+002
Forklifts	1.33410E-001	1.15509E+000	7.89980E-001	9.60000E-004	9.53000E-002	8.76700E-002	0.00000E+000	8.96492E+001	8.96492E+001	2.74700E-002	0.00000E+000	9.02261E+001
Generator Sets	3.46300E-002	2.71200E-001	2.29240E-001	4.00000E-004	1.82500E-002	1.82500E-002	0.00000E+000	3.43364E+001	3.43364E+001	2.78000E-003	0.00000E+000	3.43947E+001
Graders	3.84610E-001	3.89268E+000	1.95338E+000	2.51000E-003	2.18660E-001	2.01170E-001	0.00000E+000	2.33538E+002	2.33538E+002	7.15600E-002	0.00000E+000	2.35041E+002
Off-Highway Trucks	9.43160E-001	1.06371E+001	5.06780E+000	1.42200E-002	3.94870E-001	3.63280E-001	0.00000E+000	1.31904E+003	1.31904E+003	4.04150E-001	0.00000E+000	1.32752E+003
Other Construction Equipment	2.05940E-001	2.26096E+000	1.37350E+000	1.99000E-003	1.19460E-001	1.09900E-001	0.00000E+000	1.85141E+002	1.85141E+002	5.67300E-002	0.00000E+000	1.86332E+002
Other General Industrial Equipment	2.12710E-001	1.84389E+000	1.28852E+000	1.56000E-003	1.51620E-001	1.39490E-001	0.00000E+000	1.45047E+002	1.45047E+002	4.44400E-002	0.00000E+000	1.45981E+002
Pavers	2.70000E-003	3.02300E-002	2.12700E-002	3.00000E-005	1.49000E-003	1.37000E-003	0.00000E+000	3.14349E+000	3.14349E+000	9.60000E-004	0.00000E+000	3.16372E+000
Pumps	9.33800E-002	7.07020E-001	5.97730E-001	1.03000E-003	4.90800E-002	4.90800E-002	0.00000E+000	8.81724E+001	8.81724E+001	7.60000E-003	0.00000E+000	8.83320E+001
Rollers	2.33000E-003	2.17600E-002	1.49300E-002	2.00000E-005	1.58000E-003	1.45000E-003	0.00000E+000	1.82456E+000	1.82456E+000	5.60000E-004	0.00000E+000	1.83630E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	5.42370E-001	6.81288E+000	4.25779E+000	6.22000E-003	2.73390E-001	2.51520E-001	0.00000E+000	5.76969E+002	5.76969E+002	1.76780E-001	0.00000E+000	5.80682E+002
Skid Steer Loaders	7.97500E-002	1.02677E+000	1.03691E+000	1.52000E-003	5.51800E-002	5.07700E-002	0.00000E+000	1.41250E+002	1.41250E+002	4.32800E-002	0.00000E+000	1.42159E+002

Tractors/Loaders/ Backhoes	6.93100E-001	6.65960E+000	5.23743E+000	6.80000E-003	5.00840E-001	4.60770E-001	0.00000E+000	6.31694E+002	6.31694E+002	1.93550E-001	0.00000E+000	6.35759E+002
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Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Aerial Lifts	1.26110E-001	2.60444E+000	2.02872E+000	2.68000E-003	1.05270E-001	1.05270E-001	0.00000E+000	2.47882E+002	2.47882E+002	7.59500E-002	0.00000E+000	2.49477E+002
Air Compressors	4.31100E-002	8.90390E-001	6.93570E-001	1.12000E-003	3.59900E-002	3.59900E-002	0.00000E+000	9.66405E+001	9.66405E+001	1.02000E-002	0.00000E+000	9.68548E+001
Bore/Drill Rigs	8.64200E-002	2.98874E+000	1.87246E+000	3.48000E-003	6.33800E-002	6.33800E-002	0.00000E+000	3.22837E+002	3.22837E+002	9.89200E-002	0.00000E+000	3.24915E+002
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	1.27740E-001	4.41782E+000	2.76779E+000	5.19000E-003	9.36800E-002	9.36800E-002	0.00000E+000	4.82259E+002	4.82259E+002	1.47760E-001	0.00000E+000	4.85362E+002
Crawler Tractors	2.34300E-002	8.10120E-001	5.07540E-001	9.50000E-004	1.71800E-002	1.71800E-002	0.00000E+000	8.85157E+001	8.85157E+001	2.71200E-002	0.00000E+000	8.90853E+001
Excavators	4.37100E-002	9.59260E-001	8.51150E-001	1.12000E-003	2.94500E-002	2.94500E-002	0.00000E+000	1.04036E+002	1.04036E+002	3.18800E-002	0.00000E+000	1.04705E+002
Forklifts	4.56700E-002	9.43090E-001	7.34620E-001	9.60000E-004	3.81200E-002	3.81200E-002	0.00000E+000	8.96491E+001	8.96491E+001	2.74700E-002	0.00000E+000	9.02260E+001
Generator Sets	1.53200E-002	3.16350E-001	2.46420E-001	4.00000E-004	1.27900E-002	1.27900E-002	0.00000E+000	3.43363E+001	3.43363E+001	2.78000E-003	0.00000E+000	3.43947E+001
Graders	9.65200E-002	2.11839E+000	1.87962E+000	2.51000E-003	6.50200E-002	6.50200E-002	0.00000E+000	2.33538E+002	2.33538E+002	7.15600E-002	0.00000E+000	2.35040E+002
Off-Highway Trucks	3.47960E-001	1.09896E+001	7.53906E+000	1.42200E-002	2.55170E-001	2.55170E-001	0.00000E+000	1.31903E+003	1.31903E+003	4.04150E-001	0.00000E+000	1.32752E+003
Other Construction Equipment	7.81900E-002	1.71602E+000	1.52260E+000	1.99000E-003	5.26700E-002	5.26700E-002	0.00000E+000	1.85141E+002	1.85141E+002	5.67300E-002	0.00000E+000	1.86332E+002
Other General Industrial Equipment	7.41200E-002	1.53083E+000	1.19244E+000	1.56000E-003	6.18800E-002	6.18800E-002	0.00000E+000	1.45047E+002	1.45047E+002	4.44400E-002	0.00000E+000	1.45980E+002
Pavers	1.32000E-003	2.89600E-002	2.56900E-002	3.00000E-005	8.90000E-004	8.90000E-004	0.00000E+000	3.14349E+000	3.14349E+000	9.60000E-004	0.00000E+000	3.16371E+000
Pumps	3.93400E-002	8.12370E-001	6.32790E-001	1.03000E-003	3.28400E-002	3.28400E-002	0.00000E+000	8.81723E+001	8.81723E+001	7.60000E-003	0.00000E+000	8.83319E+001
Rollers	9.20000E-004	1.91000E-002	1.48800E-002	2.00000E-005	7.70000E-004	7.70000E-004	0.00000E+000	1.82455E+000	1.82455E+000	5.60000E-004	0.00000E+000	1.83629E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	1.53110E-001	4.83579E+000	3.31743E+000	6.22000E-003	1.12280E-001	1.12280E-001	0.00000E+000	5.76969E+002	5.76969E+002	1.76780E-001	0.00000E+000	5.80681E+002
Skid Steer Loaders	7.18600E-002	1.48413E+000	1.15606E+000	1.52000E-003	5.99900E-002	5.99900E-002	0.00000E+000	1.41250E+002	1.41250E+002	4.32800E-002	0.00000E+000	1.42159E+002
Tractors/Loaders/Balckhoes	3.18530E-001	6.57829E+000	5.12415E+000	6.80000E-003	2.65900E-001	2.65900E-001	0.00000E+000	6.31694E+002	6.31694E+002	1.93550E-001	0.00000E+000	6.35758E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Aerial Lifts	-6.12041E-001	-1.00957E+000	-1.61951E-001	0.00000E+000	-1.30149E+000	-1.50107E+000	0.00000E+000	1.21025E-006	1.21025E-006	0.00000E+000	0.00000E+000	1.16243E-006
Air Compressors	6.57259E-001	-7.66115E-002	1.90790E-002	0.00000E+000	4.51456E-001	4.51456E-001	0.00000E+000	1.13824E-006	1.13824E-006	0.00000E+000	0.00000E+000	1.13572E-006
Bore/Drill Rigs	3.08363E-001	-6.45845E-001	-1.35912E+000	0.00000E+000	-2.14176E-001	-3.19867E-001	0.00000E+000	1.17706E-006	1.17706E-006	0.00000E+000	0.00000E+000	1.16954E-006
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	7.85944E-001	3.76434E-001	-9.03637E-002	0.00000E+000	7.03404E-001	6.77610E-001	0.00000E+000	1.18194E-006	1.18194E-006	0.00000E+000	0.00000E+000	1.17438E-006
Crawler Tractors	7.20539E-001	2.79477E-001	-4.92677E-001	0.00000E+000	5.99720E-001	5.64953E-001	0.00000E+000	1.12974E-006	1.12974E-006	0.00000E+000	0.00000E+000	1.23477E-006
Excavators	4.30414E-001	-1.27122E-001	-1.74275E-001	0.00000E+000	2.96632E-001	2.35462E-001	0.00000E+000	1.24957E-006	1.24957E-006	0.00000E+000	0.00000E+000	1.14607E-006
Forklifts	6.57672E-001	1.83535E-001	7.00777E-002	0.00000E+000	6.00000E-001	5.65188E-001	0.00000E+000	1.11546E-006	1.11546E-006	0.00000E+000	0.00000E+000	1.21916E-006
Generator Sets	5.57609E-001	-1.66482E-001	-7.49433E-002	0.00000E+000	2.99178E-001	2.99178E-001	0.00000E+000	1.16495E-006	1.16495E-006	0.00000E+000	0.00000E+000	1.16297E-006
Graders	7.49044E-001	4.55802E-001	3.77602E-002	0.00000E+000	7.02643E-001	6.76791E-001	0.00000E+000	1.15613E-006	1.15613E-006	0.00000E+000	0.00000E+000	1.19128E-006
Off-Highway Trucks	6.31070E-001	-3.31445E-002	-4.87640E-001	0.00000E+000	3.53787E-001	2.97594E-001	0.00000E+000	1.19026E-006	1.19026E-006	0.00000E+000	0.00000E+000	1.18265E-006
Other Construction Equipment	6.20326E-001	2.41022E-001	-1.08555E-001	0.00000E+000	5.59099E-001	5.20746E-001	0.00000E+000	1.18828E-006	1.18828E-006	0.00000E+000	0.00000E+000	1.18069E-006
Other General Industrial Equipment	6.51544E-001	1.69782E-001	7.45662E-002	0.00000E+000	5.91874E-001	5.56384E-001	0.00000E+000	1.17203E-006	1.17203E-006	0.00000E+000	0.00000E+000	1.23304E-006
Pavers	5.11111E-001	4.20112E-002	-2.07804E-001	0.00000E+000	4.02685E-001	3.50365E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	3.16084E-006
Pumps	5.78711E-001	-1.49006E-001	-5.86552E-002	0.00000E+000	3.30888E-001	3.30888E-001	0.00000E+000	1.13414E-006	1.13414E-006	0.00000E+000	0.00000E+000	1.13209E-006
Rollers	6.05150E-001	1.22243E-001	3.34896E-003	0.00000E+000	5.12658E-001	4.68966E-001	0.00000E+000	5.48077E-006	5.48077E-006	0.00000E+000	0.00000E+000	5.44573E-006
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	7.17702E-001	2.90199E-001	2.20856E-001	0.00000E+000	5.89305E-001	5.53594E-001	0.00000E+000	1.17857E-006	1.17857E-006	0.00000E+000	0.00000E+000	1.18826E-006
Skid Steer Loaders	9.89342E-002	-4.45436E-001	-1.14909E-001	0.00000E+000	-8.71693E-002	-1.81603E-001	0.00000E+000	1.20354E-006	1.20354E-006	0.00000E+000	0.00000E+000	1.19584E-006
Tractors/Loaders/Balckhoes	5.40427E-001	1.22094E-002	2.16289E-002	0.00000E+000	4.69092E-001	4.22922E-001	0.00000E+000	1.20311E-006	1.20311E-006	0.00000E+000	0.00000E+000	1.19542E-006

C-LST Removal (12)	Roads	0.00	0.00	0.00	0.00	0.57	0.43
Construction and Materials Yard (2)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Construction and Materials Yard (2)	Roads	0.04	0.01	0.02	0.00	0.54	0.37
Control Building Phase 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Control Building Phase 1	Roads	0.06	0.01	0.05	0.01	0.08	0.03
C-Remove Existing Conductor & GW (11)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
C-Remove Existing Conductor & GW (11)	Roads	0.01	0.00	0.01	0.00	0.53	0.37
C-TSP Foundation Removal (15)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
C-TSP Foundation Removal (15)	Roads	0.00	0.00	0.00	0.00	0.67	0.62
C-TSP Removal (14)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
C-TSP Removal (14)	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Fencing Phase 1 Block Wall	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fencing Phase 1 Block Wall	Roads	0.00	0.00	0.00	0.00	0.53	0.37
Fiber Optic Cable Installation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic Cable Installation	Roads	0.02	0.01	0.02	0.01	0.00	0.00
Fiber Optic/Copper Cable Removal	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/Copper Cable Removal	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Grading Phase 1	Fugitive Dust	0.01	0.00	0.00	0.00	0.55	0.55
Grading Phase 1	Roads	0.06	0.01	0.02	0.00	0.67	0.59
Install Underground Cable (30)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Install Underground Cable (30)	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Maintenance Crew Equipment Check Phase 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Maintenance Crew Equipment Check Phase 1	Roads	0.00	0.00	0.00	0.00	0.00	0.00
MEER Phase 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.57	1.00

MEER Phase 1	Roads	0.03	0.01	0.03	0.01	0.14	0.06
Splice Underground Cable (31)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Splice Underground Cable (31)	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Splicing & Testing	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Splicing & Testing	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Survey	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Survey	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Survey (1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Survey (1)	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Test & Maintenance Building Phase 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Test & Maintenance Building Phase 1	Roads	0.05	0.01	0.04	0.01	0.09	0.04
Testing Phase 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Testing Phase 1	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Wood Pole Replacement & Transfer of Facilities	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Wood Pole Replacement & Transfer of Facilities	Roads	0.01	0.00	0.01	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	100.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00

DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Mesa 500 kV Substation Project

South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Equipment list and construction schedule provided by SCE.

Land Use -

Construction Phase - Construction schedule provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

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 Off-road Equipment - Equipment list provided by SCE
 Off-road Equipment - Equipment list provided by SCE

Trips and VMT - Equipment list and schedule provided by SCE. All trips assumed to be 15 miles total.

On-road Fugitive Dust - Assume worker trips to be 100% paved, the remaining trips assumed to be 99% paved.

Grading - Quantities based on Chapter 3 - Project Description

Road Dust -

Energy Use -

Construction Off-road Equipment Mitigation - Mitigation requirements taken from Chapter 3 - Project Description

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	56.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	29.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	64.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	36.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	0.00	17.00
tblConstructionPhase	NumDays	0.00	25.00
tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	47.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	107.00
tblConstructionPhase	NumDays	0.00	103.00
tblConstructionPhase	NumDays	0.00	4.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	95.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	92.00
tblConstructionPhase	NumDays	0.00	113.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	1.00
tblConstructionPhase	NumDays	0.00	4.00
tblConstructionPhase	NumDays	0.00	287.00
tblConstructionPhase	NumDays	0.00	389.00
tblConstructionPhase	NumDays	0.00	4.00
tblConstructionPhase	NumDays	0.00	9.00
tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	3.00

tblConstructionPhase	NumDays	0.00	4.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	NumDays	0.00	30.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	940.00
tblConstructionPhase	NumDays	0.00	940.00
tblConstructionPhase	NumDays	0.00	47.00
tblConstructionPhase	NumDays	0.00	143.00
tblConstructionPhase	NumDays	0.00	191.00
tblConstructionPhase	NumDays	0.00	611.00
tblConstructionPhase	NumDays	0.00	90.00
tblConstructionPhase	NumDays	0.00	26.00
tblConstructionPhase	NumDays	0.00	611.00
tblConstructionPhase	NumDays	0.00	899.00
tblConstructionPhase	NumDays	0.00	47.00
tblConstructionPhase	NumDays	0.00	899.00
tblConstructionPhase	NumDays	0.00	131.00
tblConstructionPhase	NumDays	0.00	11.00
tblConstructionPhase	NumDays	0.00	143.00
tblConstructionPhase	NumDays	0.00	131.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	53.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	34.00
tblTripsAndVMT	WorkerTripNumber	0.00	13.00
tblTripsAndVMT	WorkerTripNumber	5.00	3.00
tblTripsAndVMT	WorkerTripNumber	93.00	75.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	14.00
tblTripsAndVMT	WorkerTripNumber	8.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	19.00
tblTripsAndVMT	WorkerTripNumber	0.00	83.00
tblTripsAndVMT	WorkerTripNumber	0.00	13.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	32.00
tblTripsAndVMT	WorkerTripNumber	0.00	14.00
tblTripsAndVMT	WorkerTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	13.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	24.00
tblTripsAndVMT	WorkerTripNumber	0.00	28.00

tblTripsAndVMT	WorkerVehicleClass	LD_Mix
tblTripsAndVMT	WorkerVehicleClass	LD_Mix

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	3.3163	35.8243	23.6306	0.0457	1.3202	1.7146	3.0348	0.1820	1.5815	1.7635	0.0000	4,096.6464	4,096.6464	1.1342	0.0000	4,120.4644
2019	4.2350	45.6479	33.6224	0.0706	2.7348	2.0500	4.7848	0.3372	1.8888	2.2260	0.0000	6,254.8239	6,254.8239	1.7431	0.0000	6,291.4293
2020	1.0725	11.2321	10.0751	0.0190	0.5725	0.5355	1.1080	0.0968	0.4957	0.5925	0.0000	1,603.3958	1,603.3958	0.4292	0.0000	1,612.4087
2021	0.1198	1.0976	1.0449	2.6200e-003	0.2711	0.0482	0.3194	0.0324	0.0444	0.0768	0.0000	223.2017	223.2017	0.0579	0.0000	224.4185
Total	8.7435	93.8020	68.3729	0.1378	4.8986	4.3483	9.2469	0.6484	4.0104	4.6588	0.0000	12,178.0678	12,178.0678	3.3644	0.0000	12,248.7209

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Survey	Site Preparation	1/1/2018	12/13/2019	6	611	
2	Survey (1)	Site Preparation	1/1/2018	11/13/2020	6	899	
3	Construction and Materials Yard (2)	Site Preparation	1/1/2018	11/13/2020	6	899	
4	Testing Phase 1	Site Preparation	1/1/2018	6/1/2018	6	131	
5	Maintenance Crew Equipment Check Phase 1	Site Preparation	1/1/2018	6/1/2018	6	131	
6	Civil Installation	Grading	1/1/2018	12/13/2019	6	611	
7	Fiber Optic Cable Installation	Building Construction	1/1/2018	12/31/2020	6	940	
8	Splicing & Testing	Building Construction	1/1/2018	12/31/2020	6	940	
9	Asphalting Phase 1	Paving	1/1/2018	1/30/2018	6	26	
10	B-Install LST Foundations (17)	Building Construction	5/17/2018	6/5/2018	6	17	
11	Civil Demo / Grading Phase 2	Grading	6/4/2018	7/27/2018	6	47	
12	Electrical Demo Phase 2	Building Construction	6/4/2018	7/2/2018	6	25	
13	B-LST Steel Haul (18)	Building Construction	6/23/2018	6/28/2018	6	5	
14	B-LST Steel Assembly (19)	Building Construction	6/27/2018	7/20/2018	6	21	
15	Civil Installation Phase 2	Building Construction	7/2/2018	8/24/2018	6	47	
16	B-LST Erection (20)	Building Construction	7/11/2018	8/3/2018	6	21	
17	Wiring Phase 1	Building Construction	7/16/2018	11/16/2018	6	107	
18	Electrical Phase 1	Building Construction	7/20/2018	11/16/2018	6	103	
19	C-Install TSP Foundations (21)	Building Construction	7/21/2018	7/25/2018	6	4	
20	C-TSP Haul (22)	Building Construction	7/28/2018	7/30/2018	6	2	
21	Electrical Phase 2	Building Construction	7/30/2018	11/16/2018	6	95	
22	C-TSP Assembly (23)	Building Construction	7/31/2018	8/1/2018	6	2	

23	C-TSP Erection (24)	Building Construction	8/1/2018	8/3/2018	6	3
24	C-Install/Transfer Conductor (25)	Building Construction	8/3/2018	11/17/2018	6	92
25	Testing Phase 2	Building Construction	9/2/2018	1/11/2019	6	113
26	Maintenance Crew Equipment Check Phase 2	Site Preparation	11/19/2018	1/11/2019	6	47
27	Civil Demo / Grading Phase 3	Grading	1/14/2019	6/28/2019	6	143
28	B-Shoo-fly Pole Haul (7)	Building Construction	1/17/2019	1/18/2019	6	2
29	B-Install Shoo-fly Pole (9)	Building Construction	1/18/2019	1/19/2019	6	2
30	B-Shoo-fly Pole Assembly (8)	Building Construction	1/18/2019	1/18/2019	6	1
31	B-Install Shoo-fly Conductor (10)	Building Construction	1/19/2019	1/23/2019	6	4
32	Civil Installation Phase 3	Grading	5/6/2019	12/13/2019	6	191
33	Electrical Phase 3 (Including Wiring)	Building Construction	12/16/2019	11/13/2020	6	287
34	Testing Phase 3	Building Construction	2/3/2020	4/30/2021	6	389
35	C-Guard Structure Installation (6)	Building Construction	9/1/2020	9/4/2020	6	4
36	D-Remove Existing Conductor & GW (11)	Building Construction	9/4/2020	9/14/2020	6	9
37	D-LST Removal (12)	Building Construction	9/14/2020	9/16/2020	6	3
38	D-LST Foundation Removal (13)	Building Construction	9/16/2020	9/18/2020	6	3
39	C-Install LST Foundations (17)	Building Construction	9/19/2020	9/23/2020	6	4
40	C-LST Steel Haul (18)	Building Construction	9/23/2020	9/24/2020	6	2
41	C-LST Steel Assembly (19)	Building Construction	9/24/2020	9/29/2020	6	5
42	C-LST Erection (20)	Building Construction	9/26/2020	10/1/2020	6	5
43	D-Install/Transfer Conductor (25)	Building Construction	10/1/2020	11/4/2020	6	30
44	C-Guard Structure Removal (28)	Building Construction	11/14/2020	11/16/2020	6	2
45	Restoration (33)	Site Preparation	11/16/2020	11/27/2020	6	11
46	Maintenance Crew Equipment Check Phase 3	Site Preparation	11/16/2020	4/30/2021	6	143
47	B-Guard Structure Removal (28)	Building Construction	11/17/2020	11/19/2020	6	3
48	Asphalting & Fencing Phase 3	Paving	11/17/2020	3/1/2021	6	90

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Survey	Graders	0	0.00	174	0.41
Survey	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Survey (1)	Graders	0	0.00	174	0.41
Survey (1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Construction and Materials Yard (2)	Cranes	1	5.00	226	0.29
Construction and Materials Yard (2)	Forklifts	1	5.00	89	0.20
Construction and Materials Yard (2)	Graders	0	0.00	174	0.41
Construction and Materials Yard (2)	Other Construction Equipment	1	10.00	171	0.42
Construction and Materials Yard (2)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Testing Phase 1	Graders	0	0.00	174	0.41
Testing Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Maintenance Crew Equipment Check Phase 1	Graders	0	0.00	174	0.41
Maintenance Crew Equipment Check Phase 1	Off-Highway Trucks	2	5.00	400	0.38
Maintenance Crew Equipment Check Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation	Air Compressors	1	10.00	78	0.48
Civil Installation	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Installation	Graders	2	10.00	174	0.41
Civil Installation	Off-Highway Trucks	2	10.00	400	0.38
Civil Installation	Rubber Tired Dozers	0	0.00	255	0.40

Civil Installation	Scrapers	2	10.00	361	0.48
Civil Installation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Fiber Optic Cable Installation	Aerial Lifts	2	10.00	62	0.31
Fiber Optic Cable Installation	Cranes	0	0.00	226	0.29
Fiber Optic Cable Installation	Forklifts	0	0.00	89	0.20
Fiber Optic Cable Installation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Splicing & Testing	Cranes	0	0.00	226	0.29
Splicing & Testing	Forklifts	0	0.00	89	0.20
Splicing & Testing	Other General Industrial Equipment	2	10.00	87	0.34
Splicing & Testing	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting Phase 1	Cement and Mortar Mixers	0	0.00	9	0.56
Asphalting Phase 1	Other Construction Equipment	1	3.00	171	0.42
Asphalting Phase 1	Pavers	0	0.00	125	0.42
Asphalting Phase 1	Pavers	1	10.00	125	0.42
Asphalting Phase 1	Rollers	0	0.00	80	0.38
Asphalting Phase 1	Rollers	2	5.00	80	0.38
Asphalting Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting Phase 1	Tractors/Loaders/Backhoes	1	3.00	97	0.37
B-Install LST Foundations (17)	Bore/Drill Rigs	2	10.00	205	0.50
B-Install LST Foundations (17)	Cement and Mortar Mixers	4	7.00	9	0.56
B-Install LST Foundations (17)	Cranes	0	0.00	226	0.29
B-Install LST Foundations (17)	Cranes	2	7.00	226	0.29
B-Install LST Foundations (17)	Forklifts	0	0.00	89	0.20
B-Install LST Foundations (17)	Off-Highway Trucks	2	10.00	400	0.38
B-Install LST Foundations (17)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install LST Foundations (17)	Tractors/Loaders/Backhoes	2	10.00	97	0.37

Civil Demo / Grading Phase 2	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Demo / Grading Phase 2	Crawler Tractors	2	10.00	208	0.43
Civil Demo / Grading Phase 2	Excavators	2	10.00	162	0.38
Civil Demo / Grading Phase 2	Forklifts	2	6.00	89	0.20
Civil Demo / Grading Phase 2	Graders	1	10.00	174	0.41
Civil Demo / Grading Phase 2	Off-Highway Trucks	2	10.00	400	0.38
Civil Demo / Grading Phase 2	Off-Highway Trucks	3	10.00	400	0.38
Civil Demo / Grading Phase 2	Rubber Tired Dozers	0	0.00	255	0.40
Civil Demo / Grading Phase 2	Scrapers	2	10.00	361	0.48
Civil Demo / Grading Phase 2	Skid Steer Loaders	2	10.00	64	0.37
Civil Demo / Grading Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Demo / Grading Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Demo / Grading Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Demo / Grading Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Electrical Demo Phase 2	Aerial Lifts	2	6.00	62	0.31
Electrical Demo Phase 2	Aerial Lifts	3	6.00	62	0.31
Electrical Demo Phase 2	Cranes	0	0.00	226	0.29
Electrical Demo Phase 2	Cranes	1	6.00	226	0.29
Electrical Demo Phase 2	Cranes	1	6.00	226	0.29
Electrical Demo Phase 2	Forklifts	0	0.00	89	0.20
Electrical Demo Phase 2	Forklifts	2	6.00	89	0.20
Electrical Demo Phase 2	Other Construction Equipment	2	5.00	171	0.42
Electrical Demo Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-LST Steel Haul (18)	Cranes	0	0.00	226	0.29
B-LST Steel Haul (18)	Forklifts	0	0.00	89	0.20
B-LST Steel Haul (18)	Forklifts	2	8.00	89	0.20
B-LST Steel Haul (18)	Off-Highway Trucks	1	10.00	400	0.38
B-LST Steel Haul (18)	Tractors/Loaders/Backhoes	0	0.00	97	0.37

B-LST Steel Assembly (19)	Air Compressors	2	7.00	78	0.48
B-LST Steel Assembly (19)	Cranes	0	0.00	226	0.29
B-LST Steel Assembly (19)	Cranes	2	10.00	226	0.29
B-LST Steel Assembly (19)	Forklifts	0	0.00	89	0.20
B-LST Steel Assembly (19)	Forklifts	2	7.00	89	0.20
B-LST Steel Assembly (19)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation Phase 2	Bore/Drill Rigs	2	10.00	205	0.50
Civil Installation Phase 2	Cranes	0	0.00	226	0.29
Civil Installation Phase 2	Excavators	2	10.00	162	0.38
Civil Installation Phase 2	Forklifts	0	0.00	89	0.20
Civil Installation Phase 2	Forklifts	2	5.00	89	0.20
Civil Installation Phase 2	Off-Highway Trucks	1	10.00	171	0.42
Civil Installation Phase 2	Other Construction Equipment	1	5.00	171	0.42
Civil Installation Phase 2	Skid Steer Loaders	2	10.00	64	0.37
Civil Installation Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
B-LST Erection (20)	Air Compressors	4	7.00	78	0.48
B-LST Erection (20)	Cranes	0	0.00	226	0.29
B-LST Erection (20)	Cranes	2	7.00	226	0.29
B-LST Erection (20)	Cranes	2	7.00	226	0.29
B-LST Erection (20)	Forklifts	0	0.00	89	0.20
B-LST Erection (20)	Off-Highway Trucks	2	10.00	400	0.38
B-LST Erection (20)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Wiring Phase 1	Aerial Lifts	3	5.00	62	0.31
Wiring Phase 1	Cranes	0	0.00	226	0.29
Wiring Phase 1	Forklifts	0	0.00	89	0.20
Wiring Phase 1	Forklifts	3	3.00	89	0.20

Wiring Phase 1	Other Construction Equipment	2	3.00	171	0.42
Wiring Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Electrical Phase 1	Aerial Lifts	11	4.00	62	0.31
Electrical Phase 1	Cranes	2	5.00	226	0.29
Electrical Phase 1	Cranes	1	10.00	226	0.29
Electrical Phase 1	Cranes	2	8.00	226	0.29
Electrical Phase 1	Forklifts	0	0.00	89	0.20
Electrical Phase 1	Forklifts	3	6.00	89	0.20
Electrical Phase 1	Other Construction Equipment	2	3.00	171	0.42
Electrical Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install TSP Foundations (21)	Bore/Drill Rigs	2	10.00	205	0.50
C-Install TSP Foundations (21)	Cranes	0	0.00	226	0.29
C-Install TSP Foundations (21)	Cranes	2	7.00	226	0.29
C-Install TSP Foundations (21)	Forklifts	0	0.00	89	0.20
C-Install TSP Foundations (21)	Off-Highway Trucks	2	10.00	400	0.38
C-Install TSP Foundations (21)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install TSP Foundations (21)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
C-TSP Haul (22)	Cranes	0	0.00	226	0.29
C-TSP Haul (22)	Cranes	2	8.00	226	0.29
C-TSP Haul (22)	Forklifts	0	0.00	89	0.20
C-TSP Haul (22)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Haul (22)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Electrical Phase 2	Aerial Lifts	8	10.00	62	0.31
Electrical Phase 2	Cranes	1	6.00	226	0.29
Electrical Phase 2	Cranes	2	10.00	226	0.29
Electrical Phase 2	Forklifts	0	0.00	89	0.20
Electrical Phase 2	Forklifts	3	6.00	89	0.20
Electrical Phase 2	Other Construction Equipment	2	10.00	171	0.42

Electrical Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-TSP Assembly (23)	Air Compressors	2	6.00	78	0.48
C-TSP Assembly (23)	Cranes	0	0.00	226	0.29
C-TSP Assembly (23)	Cranes	2	7.00	226	0.29
C-TSP Assembly (23)	Forklifts	0	0.00	89	0.20
C-TSP Assembly (23)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Assembly (23)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-TSP Erection (24)	Air Compressors	2	6.00	78	0.48
C-TSP Erection (24)	Cranes	0	0.00	226	0.29
C-TSP Erection (24)	Cranes	2	7.00	226	0.29
C-TSP Erection (24)	Forklifts	0	0.00	89	0.20
C-TSP Erection (24)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Erection (24)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
C-Install/Transfer Conductor (25)	Cranes	0	0.00	226	0.29
C-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
C-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
C-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
C-Install/Transfer Conductor (25)	Forklifts	0	0.00	89	0.20
C-Install/Transfer Conductor (25)	Off-Highway Trucks	1	10.00	400	0.38
C-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
C-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
C-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
C-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	87	0.34
C-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Testing Phase 2	Cranes	0	0.00	226	0.29
Testing Phase 2	Forklifts	0	0.00	89	0.20

Testing Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Maintenance Crew Equipment Check Phase 2	Graders	0	0.00	174	0.41
Maintenance Crew Equipment Check Phase 2	Off-Highway Trucks	2	5.00	400	0.38
Maintenance Crew Equipment Check Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Demo / Grading Phase 3	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Demo / Grading Phase 3	Crawler Tractors	3	10.00	208	0.43
Civil Demo / Grading Phase 3	Excavators	3	10.00	162	0.38
Civil Demo / Grading Phase 3	Forklifts	4	10.00	89	0.20
Civil Demo / Grading Phase 3	Graders	2	10.00	174	0.41
Civil Demo / Grading Phase 3	Off-Highway Trucks	2	10.00	400	0.38
Civil Demo / Grading Phase 3	Off-Highway Trucks	4	10.00	400	0.38
Civil Demo / Grading Phase 3	Rubber Tired Dozers	0	0.00	255	0.40
Civil Demo / Grading Phase 3	Scrapers	6	10.00	361	0.48
Civil Demo / Grading Phase 3	Skid Steer Loaders	4	10.00	64	0.37
Civil Demo / Grading Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Demo / Grading Phase 3	Tractors/Loaders/Backhoes	4	10.00	97	0.37
Civil Demo / Grading Phase 3	Tractors/Loaders/Backhoes	3	10.00	97	0.37
Civil Demo / Grading Phase 3	Tractors/Loaders/Backhoes	2	10.00	97	0.37
B-Shoo-fly Pole Haul (7)	Cranes	0	0.00	226	0.29
B-Shoo-fly Pole Haul (7)	Cranes	2	8.00	226	0.29
B-Shoo-fly Pole Haul (7)	Forklifts	0	0.00	89	0.20
B-Shoo-fly Pole Haul (7)	Off-Highway Trucks	1	10.00	400	0.38
B-Shoo-fly Pole Haul (7)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install Shoo-fly Pole (9)	Aerial Lifts	2	10.00	62	0.31
B-Install Shoo-fly Pole (9)	Bore/Drill Rigs	2	8.00	205	0.50
B-Install Shoo-fly Pole (9)	Cranes	0	0.00	226	0.29
B-Install Shoo-fly Pole (9)	Cranes	2	7.00	226	0.29

B-Install Shoo-fly Pole (9)	Forklifts	0	0.00	89	0.20
B-Install Shoo-fly Pole (9)	Off-Highway Trucks	2	10.00	400	0.38
B-Install Shoo-fly Pole (9)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install Shoo-fly Pole (9)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
B-Shoo-fly Pole Assembly (8)	Air Compressors	1	10.00	78	0.48
B-Shoo-fly Pole Assembly (8)	Cranes	0	0.00	226	0.29
B-Shoo-fly Pole Assembly (8)	Cranes	1	10.00	226	0.29
B-Shoo-fly Pole Assembly (8)	Forklifts	0	0.00	89	0.20
B-Shoo-fly Pole Assembly (8)	Off-Highway Trucks	1	10.00	400	0.38
B-Shoo-fly Pole Assembly (8)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install Shoo-fly Conductor (10)	Air Compressors	1	10.00	78	0.48
B-Install Shoo-fly Conductor (10)	Cranes	0	0.00	226	0.29
B-Install Shoo-fly Conductor (10)	Cranes	1	10.00	226	0.29
B-Install Shoo-fly Conductor (10)	Forklifts	0	0.00	89	0.20
B-Install Shoo-fly Conductor (10)	Off-Highway Trucks	1	10.00	400	0.38
B-Install Shoo-fly Conductor (10)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation Phase 3	Bore/Drill Rigs	4	10.00	205	0.50
Civil Installation Phase 3	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Installation Phase 3	Excavators	4	10.00	162	0.38
Civil Installation Phase 3	Forklifts	3	5.00	89	0.20
Civil Installation Phase 3	Off-Highway Trucks	4	10.00	400	0.38
Civil Installation Phase 3	Other Construction Equipment	2	5.00	171	0.42
Civil Installation Phase 3	Rubber Tired Dozers	0	0.00	255	0.40
Civil Installation Phase 3	Skid Steer Loaders	6	10.00	64	0.37
Civil Installation Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation Phase 3	Tractors/Loaders/Backhoes	5	10.00	97	0.37
Civil Installation Phase 3	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Electrical Phase 3 (Including Wiring)	Aerial Lifts	11	10.00	62	0.31

Electrical Phase 3 (Including Wiring)	Cranes	2	6.00	226	0.29
Electrical Phase 3 (Including Wiring)	Cranes	1	10.00	226	0.29
Electrical Phase 3 (Including Wiring)	Forklifts	0	0.00	89	0.20
Electrical Phase 3 (Including Wiring)	Forklifts	4	7.00	89	0.20
Electrical Phase 3 (Including Wiring)	Generator Sets	1	10.00	84	0.74
Electrical Phase 3 (Including Wiring)	Other Construction Equipment	3	5.00	171	0.42
Electrical Phase 3 (Including Wiring)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Testing Phase 3	Cranes	0	0.00	226	0.29
Testing Phase 3	Forklifts	0	0.00	89	0.20
Testing Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Guard Structure Installation (6)	Aerial Lifts	2	5.00	62	0.31
C-Guard Structure Installation (6)	Air Compressors	2	7.00	78	0.48
C-Guard Structure Installation (6)	Bore/Drill Rigs	2	8.00	205	0.50
C-Guard Structure Installation (6)	Cranes	0	0.00	226	0.29
C-Guard Structure Installation (6)	Cranes	2	8.00	226	0.29
C-Guard Structure Installation (6)	Forklifts	0	0.00	89	0.20
C-Guard Structure Installation (6)	Off-Highway Trucks	2	10.00	400	0.38
C-Guard Structure Installation (6)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
D-Remove Existing Conductor & GW (11)	Cranes	0	0.00	226	0.29
D-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
D-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
D-Remove Existing Conductor & GW (11)	Forklifts	0	0.00	89	0.20
D-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38
D-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42
D-Remove Existing Conductor & GW (11)	Tractors/Loaders/Backhoes	0	0.00	97	0.37

D-LST Removal (12)	Air Compressors	2	10.00	78	0.48
D-LST Removal (12)	Cranes	2	5.00	226	0.29
D-LST Removal (12)	Cranes	2	7.00	226	0.29
D-LST Removal (12)	Forklifts	0	0.00	89	0.20
D-LST Removal (12)	Off-Highway Trucks	1	10.00	400	0.38
D-LST Removal (12)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-LST Foundation Removal (13)	Air Compressors	2	10.00	78	0.48
D-LST Foundation Removal (13)	Cranes	0	0.00	226	0.29
D-LST Foundation Removal (13)	Excavators	1	10.00	162	0.38
D-LST Foundation Removal (13)	Forklifts	0	0.00	89	0.20
D-LST Foundation Removal (13)	Off-Highway Trucks	1	10.00	400	0.38
D-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
C-Install LST Foundations (17)	Bore/Drill Rigs	2	10.00	205	0.50
C-Install LST Foundations (17)	Cement and Mortar Mixers	4	7.00	9	0.56
C-Install LST Foundations (17)	Cranes	0	0.00	226	0.29
C-Install LST Foundations (17)	Cranes	2	7.00	226	0.29
C-Install LST Foundations (17)	Forklifts	0	0.00	89	0.20
C-Install LST Foundations (17)	Off-Highway Trucks	2	10.00	400	0.38
C-Install LST Foundations (17)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install LST Foundations (17)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
C-LST Steel Haul (18)	Forklifts	2	8.00	89	0.20
C-LST Steel Haul (18)	Off-Highway Trucks	1	10.00	400	0.38
C-LST Steel Assembly (19)	Air Compressors	2	7.00	78	0.48
C-LST Steel Assembly (19)	Cranes	0	0.00	226	0.29
C-LST Steel Assembly (19)	Cranes	2	10.00	226	0.29
C-LST Steel Assembly (19)	Forklifts	0	0.00	89	0.20
C-LST Steel Assembly (19)	Forklifts	2	7.00	89	0.20

C-LST Steel Assembly (19)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-LST Erection (20)	Air Compressors	4	7.00	78	0.48
C-LST Erection (20)	Cranes	0	0.00	226	0.29
C-LST Erection (20)	Cranes	4	7.00	226	0.29
C-LST Erection (20)	Forklifts	0	0.00	89	0.20
C-LST Erection (20)	Off-Highway Trucks	2	10.00	400	0.38
C-LST Erection (20)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
D-Install/Transfer Conductor (25)	Cranes	0	0.00	226	0.29
D-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
D-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
D-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
D-Install/Transfer Conductor (25)	Forklifts	0	0.00	89	0.20
D-Install/Transfer Conductor (25)	Other Construction Equipment	1	10.00	171	0.42
D-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
D-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
D-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
D-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	87	0.34
D-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
C-Guard Structure Removal (28)	Aerial Lifts	2	5.00	62	0.31
C-Guard Structure Removal (28)	Air Compressors	2	7.00	78	0.48
C-Guard Structure Removal (28)	Cranes	2	10.00	226	0.29
C-Guard Structure Removal (28)	Off-Highway Trucks	1	10.00	400	0.38
Restoration (33)	Graders	0	0.00	174	0.41
Restoration (33)	Graders	2	7.00	174	0.41
Restoration (33)	Off-Highway Trucks	2	10.00	400	0.38
Restoration (33)	Plate Compactors	2	7.00	8	0.43

Restoration (33)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Restoration (33)	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Maintenance Crew Equipment Check Phase 3	Graders	0	0.00	174	0.41
Maintenance Crew Equipment Check Phase 3	Off-Highway Trucks	3	5.00	400	0.38
Maintenance Crew Equipment Check Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Guard Structure Removal (28)	Aerial Lifts	2	5.00	62	0.31
B-Guard Structure Removal (28)	Air Compressors	2	7.00	78	0.48
B-Guard Structure Removal (28)	Cranes	0	0.00	226	0.29
B-Guard Structure Removal (28)	Cranes	2	10.00	226	0.29
B-Guard Structure Removal (28)	Forklifts	0	0.00	89	0.20
B-Guard Structure Removal (28)	Off-Highway Trucks	1	10.00	400	0.38
B-Guard Structure Removal (28)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting & Fencing Phase 3	Cement and Mortar Mixers	1	6.00	9	0.56
Asphalting & Fencing Phase 3	Forklifts	1	6.00	89	0.20
Asphalting & Fencing Phase 3	Other Construction Equipment	1	10.00	171	0.42
Asphalting & Fencing Phase 3	Pavers	0	0.00	125	0.42
Asphalting & Fencing Phase 3	Pavers	1	10.00	125	0.42
Asphalting & Fencing Phase 3	Rollers	0	0.00	80	0.38
Asphalting & Fencing Phase 3	Rollers	2	10.00	80	0.38
Asphalting & Fencing Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting & Fencing Phase 3	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Asphalting & Fencing Phase 3	Tractors/Loaders/Backhoes	1	10.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Survey	0	3.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

B-Install LST Foundations (17)	12	16.00	0.00	784.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Demo / Grading Phase 2	22	14.00	0.00	4,894.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Electrical Demo Phase 2	11	23.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Steel Haul (18)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Steel Assembly (19)	6	24.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation Phase 2	14	20.00	0.00	1,625.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Erection (20)	10	28.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Wiring Phase 1	8	50.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Electrical Phase 1	21	53.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Install TSP Foundations (21)	8	16.00	0.00	46.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Survey (1)	0	6.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Haul (22)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Electrical Phase 2	16	53.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Assembly (23)	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Erection (24)	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Testing Phase 2	0	13.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Maintenance Crew Equipment Check Phase 3	2	3.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Demo / Grading Phase 3	37	75.00	0.00	15,107.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Shoo-fly Pole Haul (7)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install Shoo-fly Pole (9)	10	14.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Construction and Materials Yard (2)	3	5.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Shoo-fly Pole Assembly (8)	3	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install Shoo-fly Conductor (10)	3	19.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation Phase 3	30	75.00	0.00	6,599.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Electrical Phase 3 (Including Wiring)	22	83.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Testing Phase 3	0	13.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Guard Structure Installation (6)	10	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

D-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
D-LST Removal (12)	7	14.00	2.00	6.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
D-LST Foundation Removal (13)	6	10.00	0.00	6.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Install LST Foundations (17)	12	16.00	0.00	196.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Testing Phase 1	0	13.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-LST Steel Haul (18)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-LST Steel Assembly (19)	6	24.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-LST Erection (20)	10	28.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
D-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Guard Structure Removal (28)	7	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Restoration (33)	8	9.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Maintenance Crew Equipment Check Phase 1	3	5.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Guard Structure Removal (28)	7	16.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Asphalting & Fencing Phase 3	8	29.00	0.00	2,366.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Maintenance Crew Equipment Check Phase 2	2	5.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation	11	13.00	0.00	1,232.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fiber Optic Cable Installation	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splicing & Testing	2	7.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Asphalting Phase 1	5	19.00	0.00	717.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Survey - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5200e-003	2.3100e-003	0.0239	6.0000e-005	5.2600e-003	4.0000e-005	5.3000e-003	1.4000e-003	4.0000e-005	1.4300e-003	0.0000	4.5568	4.5568	2.3000e-004	0.0000	4.5615
Total	1.5200e-003	2.3100e-003	0.0239	6.0000e-005	5.2600e-003	4.0000e-005	5.3000e-003	1.4000e-003	4.0000e-005	1.4300e-003	0.0000	4.5568	4.5568	2.3000e-004	0.0000	4.5615

3.2 Survey - 2018

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5200e-003	2.3100e-003	0.0239	6.0000e-005	5.2600e-003	4.0000e-005	5.3000e-003	1.4000e-003	4.0000e-005	1.4300e-003	0.0000	4.5568	4.5568	2.3000e-004	0.0000	4.5615
Total	1.5200e-003	2.3100e-003	0.0239	6.0000e-005	5.2600e-003	4.0000e-005	5.3000e-003	1.4000e-003	4.0000e-005	1.4300e-003	0.0000	4.5568	4.5568	2.3000e-004	0.0000	4.5615

3.2 Survey - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3300e-003	2.0100e-003	0.0209	6.0000e-005	5.0000e-003	4.0000e-005	5.0400e-003	1.3300e-003	4.0000e-005	1.3700e-003	0.0000	4.1733	4.1733	2.0000e-004	0.0000	4.1775
Total	1.3300e-003	2.0100e-003	0.0209	6.0000e-005	5.0000e-003	4.0000e-005	5.0400e-003	1.3300e-003	4.0000e-005	1.3700e-003	0.0000	4.1733	4.1733	2.0000e-004	0.0000	4.1775

3.2 Survey - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3300e-003	2.0100e-003	0.0209	6.0000e-005	5.0000e-003	4.0000e-005	5.0400e-003	1.3300e-003	4.0000e-005	1.3700e-003	0.0000	4.1733	4.1733	2.0000e-004	0.0000	4.1775
Total	1.3300e-003	2.0100e-003	0.0209	6.0000e-005	5.0000e-003	4.0000e-005	5.0400e-003	1.3300e-003	4.0000e-005	1.3700e-003	0.0000	4.1733	4.1733	2.0000e-004	0.0000	4.1775

3.3 Survey (1) - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0500e-003	4.6100e-003	0.0478	1.3000e-004	0.0105	8.0000e-005	0.0106	2.7900e-003	8.0000e-005	2.8700e-003	0.0000	9.1136	9.1136	4.5000e-004	0.0000	9.1231
Total	3.0500e-003	4.6100e-003	0.0478	1.3000e-004	0.0105	8.0000e-005	0.0106	2.7900e-003	8.0000e-005	2.8700e-003	0.0000	9.1136	9.1136	4.5000e-004	0.0000	9.1231

3.3 Survey (1) - 2018

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0500e-003	4.6100e-003	0.0478	1.3000e-004	0.0105	8.0000e-005	0.0106	2.7900e-003	8.0000e-005	2.8700e-003	0.0000	9.1136	9.1136	4.5000e-004	0.0000	9.1231
Total	3.0500e-003	4.6100e-003	0.0478	1.3000e-004	0.0105	8.0000e-005	0.0106	2.7900e-003	8.0000e-005	2.8700e-003	0.0000	9.1136	9.1136	4.5000e-004	0.0000	9.1231

3.3 Survey (1) - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-003	4.2300e-003	0.0439	1.3000e-004	0.0105	8.0000e-005	0.0106	2.7900e-003	8.0000e-005	2.8700e-003	0.0000	8.7667	8.7667	4.2000e-004	0.0000	8.7756
Total	2.8000e-003	4.2300e-003	0.0439	1.3000e-004	0.0105	8.0000e-005	0.0106	2.7900e-003	8.0000e-005	2.8700e-003	0.0000	8.7667	8.7667	4.2000e-004	0.0000	8.7756

3.3 Survey (1) - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-003	4.2300e-003	0.0439	1.3000e-004	0.0105	8.0000e-005	0.0106	2.7900e-003	8.0000e-005	2.8700e-003	0.0000	8.7667	8.7667	4.2000e-004	0.0000	8.7756
Total	2.8000e-003	4.2300e-003	0.0439	1.3000e-004	0.0105	8.0000e-005	0.0106	2.7900e-003	8.0000e-005	2.8700e-003	0.0000	8.7667	8.7667	4.2000e-004	0.0000	8.7756

3.3 Survey (1) - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2900e-003	3.4200e-003	0.0356	1.1000e-004	9.1700e-003	7.0000e-005	9.2400e-003	2.4300e-003	7.0000e-005	2.5000e-003	0.0000	7.3358	7.3358	3.5000e-004	0.0000	7.3431
Total	2.2900e-003	3.4200e-003	0.0356	1.1000e-004	9.1700e-003	7.0000e-005	9.2400e-003	2.4300e-003	7.0000e-005	2.5000e-003	0.0000	7.3358	7.3358	3.5000e-004	0.0000	7.3431

3.3 Survey (1) - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2900e-003	3.4200e-003	0.0356	1.1000e-004	9.1700e-003	7.0000e-005	9.2400e-003	2.4300e-003	7.0000e-005	2.5000e-003	0.0000	7.3358	7.3358	3.5000e-004	0.0000	7.3431
Total	2.2900e-003	3.4200e-003	0.0356	1.1000e-004	9.1700e-003	7.0000e-005	9.2400e-003	2.4300e-003	7.0000e-005	2.5000e-003	0.0000	7.3358	7.3358	3.5000e-004	0.0000	7.3431

3.4 Construction and Materials Yard (2) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1802	1.9850	1.1685	1.9000e-003		0.1025	0.1025		0.0943	0.0943	0.0000	173.7474	173.7474	0.0541	0.0000	174.8833
Total	0.1802	1.9850	1.1685	1.9000e-003	0.0000	0.1025	0.1025	0.0000	0.0943	0.0943	0.0000	173.7474	173.7474	0.0541	0.0000	174.8833

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2300e-003	0.0152	0.0111	5.0000e-005	0.0338	3.3000e-004	0.0341	3.7900e-003	3.0000e-004	4.0900e-003	0.0000	4.7159	4.7159	2.0000e-005	0.0000	4.7164
Worker	2.5400e-003	3.8400e-003	0.0399	1.1000e-004	8.7600e-003	7.0000e-005	8.8300e-003	2.3300e-003	6.0000e-005	2.3900e-003	0.0000	7.5946	7.5946	3.8000e-004	0.0000	7.6026
Total	3.7700e-003	0.0190	0.0510	1.6000e-004	0.0425	4.0000e-004	0.0429	6.1200e-003	3.6000e-004	6.4800e-003	0.0000	12.3105	12.3105	4.0000e-004	0.0000	12.3190

3.4 Construction and Materials Yard (2) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0677	1.6484	1.3244	1.9000e-003		0.0476	0.0476		0.0476	0.0476	0.0000	173.7472	173.7472	0.0541	0.0000	174.8831
Total	0.0677	1.6484	1.3244	1.9000e-003	0.0000	0.0476	0.0476	0.0000	0.0476	0.0476	0.0000	173.7472	173.7472	0.0541	0.0000	174.8831

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2300e-003	0.0152	0.0111	5.0000e-005	0.0109	3.3000e-004	0.0112	1.5000e-003	3.0000e-004	1.8100e-003	0.0000	4.7159	4.7159	2.0000e-005	0.0000	4.7164
Worker	2.5400e-003	3.8400e-003	0.0399	1.1000e-004	8.7600e-003	7.0000e-005	8.8300e-003	2.3300e-003	6.0000e-005	2.3900e-003	0.0000	7.5946	7.5946	3.8000e-004	0.0000	7.6026
Total	3.7700e-003	0.0190	0.0510	1.6000e-004	0.0196	4.0000e-004	0.0200	3.8300e-003	3.6000e-004	4.2000e-003	0.0000	12.3105	12.3105	4.0000e-004	0.0000	12.3190

3.4 Construction and Materials Yard (2) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.1660	1.8131	1.1431	1.9000e-003		0.0930	0.0930		0.0856	0.0856	0.0000	171.0199	171.0199	0.0541	0.0000	172.1562
Total	0.1660	1.8131	1.1431	1.9000e-003	0.0000	0.0930	0.0930	0.0000	0.0856	0.0856	0.0000	171.0199	171.0199	0.0541	0.0000	172.1562

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1300e-003	0.0134	0.0101	5.0000e-005	0.0338	2.9000e-004	0.0341	3.7900e-003	2.7000e-004	4.0600e-003	0.0000	4.6223	4.6223	2.0000e-005	0.0000	4.6228
Worker	2.3300e-003	3.5300e-003	0.0366	1.1000e-004	8.7600e-003	7.0000e-005	8.8300e-003	2.3300e-003	6.0000e-005	2.3900e-003	0.0000	7.3056	7.3056	3.5000e-004	0.0000	7.3130
Total	3.4600e-003	0.0169	0.0467	1.6000e-004	0.0425	3.6000e-004	0.0429	6.1200e-003	3.3000e-004	6.4500e-003	0.0000	11.9279	11.9279	3.7000e-004	0.0000	11.9358

3.4 Construction and Materials Yard (2) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.0677	1.6484	1.3244	1.9000e-003		0.0476	0.0476		0.0476	0.0476	0.0000	171.0197	171.0197	0.0541	0.0000	172.1560
Total	0.0677	1.6484	1.3244	1.9000e-003	0.0000	0.0476	0.0476	0.0000	0.0476	0.0476	0.0000	171.0197	171.0197	0.0541	0.0000	172.1560

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1300e-003	0.0134	0.0101	5.0000e-005	0.0109	2.9000e-004	0.0112	1.5000e-003	2.7000e-004	1.7700e-003	0.0000	4.6223	4.6223	2.0000e-005	0.0000	4.6228
Worker	2.3300e-003	3.5300e-003	0.0366	1.1000e-004	8.7600e-003	7.0000e-005	8.8300e-003	2.3300e-003	6.0000e-005	2.3900e-003	0.0000	7.3056	7.3056	3.5000e-004	0.0000	7.3130
Total	3.4600e-003	0.0169	0.0467	1.6000e-004	0.0196	3.6000e-004	0.0200	3.8300e-003	3.3000e-004	4.1600e-003	0.0000	11.9279	11.9279	3.7000e-004	0.0000	11.9358

3.4 Construction and Materials Yard (2) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1339	1.4494	0.9765	1.6600e-003		0.0737	0.0737		0.0678	0.0678	0.0000	145.9168	145.9168	0.0472	0.0000	146.9078
Total	0.1339	1.4494	0.9765	1.6600e-003	0.0000	0.0737	0.0737	0.0000	0.0678	0.0678	0.0000	145.9168	145.9168	0.0472	0.0000	146.9078

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.9000e-004	9.3300e-003	8.0100e-003	5.0000e-005	0.0295	2.0000e-004	0.0297	3.3100e-003	1.8000e-004	3.4900e-003	0.0000	3.9402	3.9402	2.0000e-005	0.0000	3.9406
Worker	1.9100e-003	2.8500e-003	0.0297	9.0000e-005	7.6400e-003	6.0000e-005	7.7000e-003	2.0300e-003	6.0000e-005	2.0800e-003	0.0000	6.1131	6.1131	2.9000e-004	0.0000	6.1193
Total	2.8000e-003	0.0122	0.0377	1.4000e-004	0.0371	2.6000e-004	0.0374	5.3400e-003	2.4000e-004	5.5700e-003	0.0000	10.0533	10.0533	3.1000e-004	0.0000	10.0598

3.4 Construction and Materials Yard (2) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0591	1.4377	1.1552	1.6600e-003		0.0415	0.0415		0.0415	0.0415	0.0000	145.9166	145.9166	0.0472	0.0000	146.9076
Total	0.0591	1.4377	1.1552	1.6600e-003	0.0000	0.0415	0.0415	0.0000	0.0415	0.0415	0.0000	145.9166	145.9166	0.0472	0.0000	146.9076

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.9000e-004	9.3300e-003	8.0100e-003	5.0000e-005	9.4700e-003	2.0000e-004	9.6700e-003	1.3100e-003	1.8000e-004	1.5000e-003	0.0000	3.9402	3.9402	2.0000e-005	0.0000	3.9406
Worker	1.9100e-003	2.8500e-003	0.0297	9.0000e-005	7.6400e-003	6.0000e-005	7.7000e-003	2.0300e-003	6.0000e-005	2.0800e-003	0.0000	6.1131	6.1131	2.9000e-004	0.0000	6.1193
Total	2.8000e-003	0.0122	0.0377	1.4000e-004	0.0171	2.6000e-004	0.0174	3.3400e-003	2.4000e-004	3.5800e-003	0.0000	10.0533	10.0533	3.1000e-004	0.0000	10.0598

3.5 Testing Phase 1 - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7700e-003	4.1800e-003	0.0434	1.2000e-004	9.5300e-003	8.0000e-005	9.6100e-003	2.5300e-003	7.0000e-005	2.6000e-003	0.0000	8.2643	8.2643	4.1000e-004	0.0000	8.2730
Total	2.7700e-003	4.1800e-003	0.0434	1.2000e-004	9.5300e-003	8.0000e-005	9.6100e-003	2.5300e-003	7.0000e-005	2.6000e-003	0.0000	8.2643	8.2643	4.1000e-004	0.0000	8.2730

3.5 Testing Phase 1 - 2018

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7700e-003	4.1800e-003	0.0434	1.2000e-004	9.5300e-003	8.0000e-005	9.6100e-003	2.5300e-003	7.0000e-005	2.6000e-003	0.0000	8.2643	8.2643	4.1000e-004	0.0000	8.2730
Total	2.7700e-003	4.1800e-003	0.0434	1.2000e-004	9.5300e-003	8.0000e-005	9.6100e-003	2.5300e-003	7.0000e-005	2.6000e-003	0.0000	8.2643	8.2643	4.1000e-004	0.0000	8.2730

3.6 Maintenance Crew Equipment Check Phase 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0630	0.6782	0.3423	1.0800e-003		0.0248	0.0248		0.0228	0.0228	0.0000	98.2669	98.2669	0.0306	0.0000	98.9093
Total	0.0630	0.6782	0.3423	1.0800e-003	0.0000	0.0248	0.0248	0.0000	0.0228	0.0228	0.0000	98.2669	98.2669	0.0306	0.0000	98.9093

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0600e-003	1.6100e-003	0.0167	4.0000e-005	3.6700e-003	3.0000e-005	3.7000e-003	9.7000e-004	3.0000e-005	1.0000e-003	0.0000	3.1786	3.1786	1.6000e-004	0.0000	3.1819
Total	1.0600e-003	1.6100e-003	0.0167	4.0000e-005	3.6700e-003	3.0000e-005	3.7000e-003	9.7000e-004	3.0000e-005	1.0000e-003	0.0000	3.1786	3.1786	1.6000e-004	0.0000	3.1819

3.6 Maintenance Crew Equipment Check Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0263	0.8319	0.5707	1.0800e-003		0.0193	0.0193		0.0193	0.0193	0.0000	98.2668	98.2668	0.0306	0.0000	98.9092
Total	0.0263	0.8319	0.5707	1.0800e-003	0.0000	0.0193	0.0193	0.0000	0.0193	0.0193	0.0000	98.2668	98.2668	0.0306	0.0000	98.9092

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0600e-003	1.6100e-003	0.0167	4.0000e-005	3.6700e-003	3.0000e-005	3.7000e-003	9.7000e-004	3.0000e-005	1.0000e-003	0.0000	3.1786	3.1786	1.6000e-004	0.0000	3.1819
Total	1.0600e-003	1.6100e-003	0.0167	4.0000e-005	3.6700e-003	3.0000e-005	3.7000e-003	9.7000e-004	3.0000e-005	1.0000e-003	0.0000	3.1786	3.1786	1.6000e-004	0.0000	3.1819

3.7 Civil Installation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3542	14.5349	9.1556	0.0166		0.7014	0.7014		0.6484	0.6484	0.0000	1,512.6898	1,512.6898	0.4565	0.0000	1,522.2767
Total	1.3542	14.5349	9.1556	0.0166	0.0000	0.7014	0.7014	0.0000	0.6484	0.6484	0.0000	1,512.6898	1,512.6898	0.4565	0.0000	1,522.2767

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.3600e-003	0.0603	0.0592	1.8000e-004	0.1314	9.3000e-004	0.1323	0.0142	8.6000e-004	0.0151	0.0000	15.5573	15.5573	1.2000e-004	0.0000	15.5598
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.6100e-003	9.9900e-003	0.1037	2.8000e-004	0.0228	1.8000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003	0.0000	19.7461	19.7461	9.8000e-004	0.0000	19.7667
Total	0.0110	0.0703	0.1629	4.6000e-004	0.1541	1.1100e-003	0.1553	0.0203	1.0300e-003	0.0213	0.0000	35.3033	35.3033	1.1000e-003	0.0000	35.3265

3.7 Civil Installation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5065	13.5261	9.9680	0.0166		0.3804	0.3804		0.3804	0.3804	0.0000	1,512.6880	1,512.6880	0.4565	0.0000	1,522.2748
Total	0.5065	13.5261	9.9680	0.0166	0.0000	0.3804	0.3804	0.0000	0.3804	0.3804	0.0000	1,512.6880	1,512.6880	0.4565	0.0000	1,522.2748

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.3600e-003	0.0603	0.0592	1.8000e-004	0.0412	9.3000e-004	0.0421	5.2300e-003	8.6000e-004	6.0900e-003	0.0000	15.5573	15.5573	1.2000e-004	0.0000	15.5598
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.6100e-003	9.9900e-003	0.1037	2.8000e-004	0.0228	1.8000e-004	0.0230	6.0500e-003	1.7000e-004	6.2200e-003	0.0000	19.7461	19.7461	9.8000e-004	0.0000	19.7667
Total	0.0110	0.0703	0.1629	4.6000e-004	0.0640	1.1100e-003	0.0651	0.0113	1.0300e-003	0.0123	0.0000	35.3033	35.3033	1.1000e-003	0.0000	35.3265

3.7 Civil Installation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1784	12.4122	8.3214	0.0158		0.5883	0.5883		0.5438	0.5438	0.0000	1,417.4519	1,417.4519	0.4338	0.0000	1,426.5608
Total	1.1784	12.4122	8.3214	0.0158	0.0000	0.5883	0.5883	0.0000	0.5438	0.5438	0.0000	1,417.4519	1,417.4519	0.4338	0.0000	1,426.5608

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0200e-003	0.0537	0.0554	1.7000e-004	0.1313	8.9000e-004	0.1322	0.0142	8.2000e-004	0.0150	0.0000	14.5232	14.5232	1.1000e-004	0.0000	14.5255
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7700e-003	8.7300e-003	0.0905	2.7000e-004	0.0217	1.7000e-004	0.0219	5.7600e-003	1.6000e-004	5.9200e-003	0.0000	18.0842	18.0842	8.8000e-004	0.0000	18.1026
Total	9.7900e-003	0.0624	0.1459	4.4000e-004	0.1530	1.0600e-003	0.1541	0.0200	9.8000e-004	0.0210	0.0000	32.6074	32.6074	9.9000e-004	0.0000	32.6282

3.7 Civil Installation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4822	12.8779	9.4903	0.0158		0.3622	0.3622		0.3622	0.3622	0.0000	1,417.450 2	1,417.450 2	0.4338	0.0000	1,426.559 1
Total	0.4822	12.8779	9.4903	0.0158	0.0000	0.3622	0.3622	0.0000	0.3622	0.3622	0.0000	1,417.450 2	1,417.450 2	0.4338	0.0000	1,426.559 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0200e-003	0.0537	0.0554	1.7000e-004	0.0412	8.9000e-004	0.0420	5.2100e-003	8.2000e-004	6.0300e-003	0.0000	14.5232	14.5232	1.1000e-004	0.0000	14.5255
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7700e-003	8.7300e-003	0.0905	2.7000e-004	0.0217	1.7000e-004	0.0219	5.7600e-003	1.6000e-004	5.9200e-003	0.0000	18.0842	18.0842	8.8000e-004	0.0000	18.1026
Total	9.7900e-003	0.0624	0.1459	4.4000e-004	0.0628	1.0600e-003	0.0639	0.0110	9.8000e-004	0.0120	0.0000	32.6074	32.6074	9.9000e-004	0.0000	32.6282

3.8 Fiber Optic Cable Installation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0162	0.2737	0.4200	6.5000e-004		7.5700e-003	7.5700e-003		6.9600e-003	6.9600e-003	0.0000	59.0125	59.0125	0.0184	0.0000	59.3983
Total	0.0162	0.2737	0.4200	6.5000e-004		7.5700e-003	7.5700e-003		6.9600e-003	6.9600e-003	0.0000	59.0125	59.0125	0.0184	0.0000	59.3983

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1100e-003	0.0108	0.1116	3.0000e-004	0.0245	2.0000e-004	0.0247	6.5100e-003	1.8000e-004	6.6900e-003	0.0000	21.2650	21.2650	1.0600e-003	0.0000	21.2872
Total	7.1100e-003	0.0108	0.1116	3.0000e-004	0.0245	2.0000e-004	0.0247	6.5100e-003	1.8000e-004	6.6900e-003	0.0000	21.2650	21.2650	1.0600e-003	0.0000	21.2872

3.8 Fiber Optic Cable Installation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0305	0.6300	0.4907	6.5000e-004		0.0255	0.0255		0.0255	0.0255	0.0000	59.0124	59.0124	0.0184	0.0000	59.3982
Total	0.0305	0.6300	0.4907	6.5000e-004		0.0255	0.0255		0.0255	0.0255	0.0000	59.0124	59.0124	0.0184	0.0000	59.3982

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1100e-003	0.0108	0.1116	3.0000e-004	0.0245	2.0000e-004	0.0247	6.5100e-003	1.8000e-004	6.6900e-003	0.0000	21.2650	21.2650	1.0600e-003	0.0000	21.2872
Total	7.1100e-003	0.0108	0.1116	3.0000e-004	0.0245	2.0000e-004	0.0247	6.5100e-003	1.8000e-004	6.6900e-003	0.0000	21.2650	21.2650	1.0600e-003	0.0000	21.2872

3.8 Fiber Optic Cable Installation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0157	0.2622	0.4208	6.5000e-004		6.4400e-003	6.4400e-003		5.9200e-003	5.9200e-003	0.0000	58.0658	58.0658	0.0184	0.0000	58.4516
Total	0.0157	0.2622	0.4208	6.5000e-004		6.4400e-003	6.4400e-003		5.9200e-003	5.9200e-003	0.0000	58.0658	58.0658	0.0184	0.0000	58.4516

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5300e-003	9.8700e-003	0.1024	3.0000e-004	0.0245	1.9000e-004	0.0247	6.5100e-003	1.8000e-004	6.6900e-003	0.0000	20.4556	20.4556	9.9000e-004	0.0000	20.4764
Total	6.5300e-003	9.8700e-003	0.1024	3.0000e-004	0.0245	1.9000e-004	0.0247	6.5100e-003	1.8000e-004	6.6900e-003	0.0000	20.4556	20.4556	9.9000e-004	0.0000	20.4764

3.8 Fiber Optic Cable Installation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0305	0.6300	0.4907	6.5000e-004		0.0255	0.0255		0.0255	0.0255	0.0000	58.0657	58.0657	0.0184	0.0000	58.4515
Total	0.0305	0.6300	0.4907	6.5000e-004		0.0255	0.0255		0.0255	0.0255	0.0000	58.0657	58.0657	0.0184	0.0000	58.4515

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5300e-003	9.8700e-003	0.1024	3.0000e-004	0.0245	1.9000e-004	0.0247	6.5100e-003	1.8000e-004	6.6900e-003	0.0000	20.4556	20.4556	9.9000e-004	0.0000	20.4764
Total	6.5300e-003	9.8700e-003	0.1024	3.0000e-004	0.0245	1.9000e-004	0.0247	6.5100e-003	1.8000e-004	6.6900e-003	0.0000	20.4556	20.4556	9.9000e-004	0.0000	20.4764

3.8 Fiber Optic Cable Installation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0153	0.2486	0.4227	6.5000e-004		5.5300e-003	5.5300e-003		5.0900e-003	5.0900e-003	0.0000	56.9849	56.9849	0.0184	0.0000	57.3720
Total	0.0153	0.2486	0.4227	6.5000e-004		5.5300e-003	5.5300e-003		5.0900e-003	5.0900e-003	0.0000	56.9849	56.9849	0.0184	0.0000	57.3720

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1400e-003	9.1800e-003	0.0956	3.0000e-004	0.0246	1.9000e-004	0.0248	6.5300e-003	1.8000e-004	6.7100e-003	0.0000	19.6874	19.6874	9.4000e-004	0.0000	19.7072
Total	6.1400e-003	9.1800e-003	0.0956	3.0000e-004	0.0246	1.9000e-004	0.0248	6.5300e-003	1.8000e-004	6.7100e-003	0.0000	19.6874	19.6874	9.4000e-004	0.0000	19.7072

3.8 Fiber Optic Cable Installation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0306	0.6320	0.4923	6.5000e-004		0.0256	0.0256		0.0256	0.0256	0.0000	56.9849	56.9849	0.0184	0.0000	57.3719
Total	0.0306	0.6320	0.4923	6.5000e-004		0.0256	0.0256		0.0256	0.0256	0.0000	56.9849	56.9849	0.0184	0.0000	57.3719

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1400e-003	9.1800e-003	0.0956	3.0000e-004	0.0246	1.9000e-004	0.0248	6.5300e-003	1.8000e-004	6.7100e-003	0.0000	19.6874	19.6874	9.4000e-004	0.0000	19.7072
Total	6.1400e-003	9.1800e-003	0.0956	3.0000e-004	0.0246	1.9000e-004	0.0248	6.5300e-003	1.8000e-004	6.7100e-003	0.0000	19.6874	19.6874	9.4000e-004	0.0000	19.7072

3.9 Splicing & Testing - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1138	1.0113	0.7912	9.9000e-004		0.0800	0.0800		0.0736	0.0736	0.0000	90.4147	90.4147	0.0282	0.0000	91.0058
Total	0.1138	1.0113	0.7912	9.9000e-004		0.0800	0.0800		0.0736	0.0736	0.0000	90.4147	90.4147	0.0282	0.0000	91.0058

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5600e-003	5.3800e-003	0.0558	1.5000e-004	0.0123	1.0000e-004	0.0124	3.2600e-003	9.0000e-005	3.3500e-003	0.0000	10.6325	10.6325	5.3000e-004	0.0000	10.6436
Total	3.5600e-003	5.3800e-003	0.0558	1.5000e-004	0.0123	1.0000e-004	0.0124	3.2600e-003	9.0000e-005	3.3500e-003	0.0000	10.6325	10.6325	5.3000e-004	0.0000	10.6436

3.9 Splicing & Testing - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0470	0.9696	0.7552	9.9000e-004		0.0392	0.0392		0.0392	0.0392	0.0000	90.4146	90.4146	0.0282	0.0000	91.0057
Total	0.0470	0.9696	0.7552	9.9000e-004		0.0392	0.0392		0.0392	0.0392	0.0000	90.4146	90.4146	0.0282	0.0000	91.0057

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5600e-003	5.3800e-003	0.0558	1.5000e-004	0.0123	1.0000e-004	0.0124	3.2600e-003	9.0000e-005	3.3500e-003	0.0000	10.6325	10.6325	5.3000e-004	0.0000	10.6436
Total	3.5600e-003	5.3800e-003	0.0558	1.5000e-004	0.0123	1.0000e-004	0.0124	3.2600e-003	9.0000e-005	3.3500e-003	0.0000	10.6325	10.6325	5.3000e-004	0.0000	10.6436

3.9 Splicing & Testing - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1020	0.9179	0.7800	9.9000e-004		0.0700	0.0700		0.0644	0.0644	0.0000	88.9642	88.9642	0.0282	0.0000	89.5553
Total	0.1020	0.9179	0.7800	9.9000e-004		0.0700	0.0700		0.0644	0.0644	0.0000	88.9642	88.9642	0.0282	0.0000	89.5553

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2700e-003	4.9400e-003	0.0512	1.5000e-004	0.0123	1.0000e-004	0.0124	3.2600e-003	9.0000e-005	3.3500e-003	0.0000	10.2278	10.2278	5.0000e-004	0.0000	10.2382
Total	3.2700e-003	4.9400e-003	0.0512	1.5000e-004	0.0123	1.0000e-004	0.0124	3.2600e-003	9.0000e-005	3.3500e-003	0.0000	10.2278	10.2278	5.0000e-004	0.0000	10.2382

3.9 Splicing & Testing - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0470	0.9696	0.7552	9.9000e-004		0.0392	0.0392		0.0392	0.0392	0.0000	88.9641	88.9641	0.0282	0.0000	89.5552
Total	0.0470	0.9696	0.7552	9.9000e-004		0.0392	0.0392		0.0392	0.0392	0.0000	88.9641	88.9641	0.0282	0.0000	89.5552

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2700e-003	4.9400e-003	0.0512	1.5000e-004	0.0123	1.0000e-004	0.0124	3.2600e-003	9.0000e-005	3.3500e-003	0.0000	10.2278	10.2278	5.0000e-004	0.0000	10.2382
Total	3.2700e-003	4.9400e-003	0.0512	1.5000e-004	0.0123	1.0000e-004	0.0124	3.2600e-003	9.0000e-005	3.3500e-003	0.0000	10.2278	10.2278	5.0000e-004	0.0000	10.2382

3.9 Splicing & Testing - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0913	0.8315	0.7721	9.9000e-004		0.0606	0.0606		0.0557	0.0557	0.0000	87.3083	87.3083	0.0282	0.0000	87.9013
Total	0.0913	0.8315	0.7721	9.9000e-004		0.0606	0.0606		0.0557	0.0557	0.0000	87.3083	87.3083	0.0282	0.0000	87.9013

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0700e-003	4.5900e-003	0.0478	1.5000e-004	0.0123	1.0000e-004	0.0124	3.2700e-003	9.0000e-005	3.3600e-003	0.0000	9.8437	9.8437	4.7000e-004	0.0000	9.8536
Total	3.0700e-003	4.5900e-003	0.0478	1.5000e-004	0.0123	1.0000e-004	0.0124	3.2700e-003	9.0000e-005	3.3600e-003	0.0000	9.8437	9.8437	4.7000e-004	0.0000	9.8536

3.9 Splicing & Testing - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0471	0.9727	0.7576	9.9000e-004		0.0393	0.0393		0.0393	0.0393	0.0000	87.3082	87.3082	0.0282	0.0000	87.9012
Total	0.0471	0.9727	0.7576	9.9000e-004		0.0393	0.0393		0.0393	0.0393	0.0000	87.3082	87.3082	0.0282	0.0000	87.9012

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0700e-003	4.5900e-003	0.0478	1.5000e-004	0.0123	1.0000e-004	0.0124	3.2700e-003	9.0000e-005	3.3600e-003	0.0000	9.8437	9.8437	4.7000e-004	0.0000	9.8536
Total	3.0700e-003	4.5900e-003	0.0478	1.5000e-004	0.0123	1.0000e-004	0.0124	3.2700e-003	9.0000e-005	3.3600e-003	0.0000	9.8437	9.8437	4.7000e-004	0.0000	9.8536

3.10 Asphaltting Phase 1 - 2018**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0133	0.1391	0.1087	1.6000e-004		8.0000e-003	8.0000e-003		7.3600e-003	7.3600e-003	0.0000	14.7139	14.7139	4.5800e-003	0.0000	14.8101
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0133	0.1391	0.1087	1.6000e-004		8.0000e-003	8.0000e-003		7.3600e-003	7.3600e-003	0.0000	14.7139	14.7139	4.5800e-003	0.0000	14.8101

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.9500e-003	0.0685	0.0673	2.0000e-004	0.0770	1.0600e-003	0.0781	8.4800e-003	9.7000e-004	9.4600e-003	0.0000	17.6742	17.6742	1.3000e-004	0.0000	17.6770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-004	1.2100e-003	0.0126	3.0000e-005	2.7700e-003	2.0000e-005	2.7900e-003	7.3000e-004	2.0000e-005	7.5000e-004	0.0000	2.3973	2.3973	1.2000e-004	0.0000	2.3998
Total	5.7500e-003	0.0697	0.0799	2.3000e-004	0.0798	1.0800e-003	0.0809	9.2100e-003	9.9000e-004	0.0102	0.0000	20.0715	20.0715	2.5000e-004	0.0000	20.0768

3.10 Asphaltting Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7500e-003	0.1445	0.1222	1.6000e-004		4.9800e-003	4.9800e-003		4.9800e-003	4.9800e-003	0.0000	14.7139	14.7139	4.5800e-003	0.0000	14.8101
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.7500e-003	0.1445	0.1222	1.6000e-004		4.9800e-003	4.9800e-003		4.9800e-003	4.9800e-003	0.0000	14.7139	14.7139	4.5800e-003	0.0000	14.8101

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.9500e-003	0.0685	0.0673	2.0000e-004	0.0245	1.0600e-003	0.0256	3.2400e-003	9.7000e-004	4.2200e-003	0.0000	17.6742	17.6742	1.3000e-004	0.0000	17.6770
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-004	1.2100e-003	0.0126	3.0000e-005	2.7700e-003	2.0000e-005	2.7900e-003	7.3000e-004	2.0000e-005	7.5000e-004	0.0000	2.3973	2.3973	1.2000e-004	0.0000	2.3998
Total	5.7500e-003	0.0697	0.0799	2.3000e-004	0.0273	1.0800e-003	0.0284	3.9700e-003	9.9000e-004	4.9700e-003	0.0000	20.0715	20.0715	2.5000e-004	0.0000	20.0768

3.11 B-Install LST Foundations (17) - 2018**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0380	0.4248	0.2256	6.4000e-004		0.0175	0.0175		0.0161	0.0161	0.0000	57.4495	57.4495	0.0176	0.0000	57.8192
Total	0.0380	0.4248	0.2256	6.4000e-004		0.0175	0.0175		0.0161	0.0161	0.0000	57.4495	57.4495	0.0176	0.0000	57.8192

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4100e-003	0.0749	0.0736	2.2000e-004	0.0842	1.1600e-003	0.0854	9.2800e-003	1.0600e-003	0.0103	0.0000	19.3257	19.3257	1.5000e-004	0.0000	19.3288
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	6.7000e-004	6.9300e-003	2.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.0000e-004	1.0000e-005	4.2000e-004	0.0000	1.3200	1.3200	7.0000e-005	0.0000	1.3213
Total	5.8500e-003	0.0756	0.0805	2.4000e-004	0.0857	1.1700e-003	0.0869	9.6800e-003	1.0700e-003	0.0108	0.0000	20.6457	20.6457	2.2000e-004	0.0000	20.6502

3.11 B-Install LST Foundations (17) - 2018**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0166	0.5106	0.3425	6.4000e-004		0.0125	0.0125		0.0125	0.0125	0.0000	57.4494	57.4494	0.0176	0.0000	57.8191
Total	0.0166	0.5106	0.3425	6.4000e-004		0.0125	0.0125		0.0125	0.0125	0.0000	57.4494	57.4494	0.0176	0.0000	57.8191

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4100e-003	0.0749	0.0736	2.2000e-004	0.0268	1.1600e-003	0.0280	3.5500e-003	1.0600e-003	4.6100e-003	0.0000	19.3257	19.3257	1.5000e-004	0.0000	19.3288
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	6.7000e-004	6.9300e-003	2.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.0000e-004	1.0000e-005	4.2000e-004	0.0000	1.3200	1.3200	7.0000e-005	0.0000	1.3213
Total	5.8500e-003	0.0756	0.0805	2.4000e-004	0.0283	1.1700e-003	0.0295	3.9500e-003	1.0700e-003	5.0300e-003	0.0000	20.6457	20.6457	2.2000e-004	0.0000	20.6502

3.12 Civil Demo / Grading Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0600e-003	0.0000	1.0600e-003	1.6000e-004	0.0000	1.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3165	3.5468	2.1446	4.4700e-003		0.1587	0.1587		0.1460	0.1460	0.0000	408.4576	408.4576	0.1272	0.0000	411.1280
Total	0.3165	3.5468	2.1446	4.4700e-003	1.0600e-003	0.1587	0.1598	1.6000e-004	0.1460	0.1462	0.0000	408.4576	408.4576	0.1272	0.0000	411.1280

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0338	0.4674	0.4594	1.3600e-003	0.5256	7.2200e-003	0.5328	0.0579	6.6400e-003	0.0646	0.0000	120.6379	120.6379	9.2000e-004	0.0000	120.6572
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0700e-003	1.6200e-003	0.0168	5.0000e-005	3.6800e-003	3.0000e-005	3.7100e-003	9.8000e-004	3.0000e-005	1.0100e-003	0.0000	3.1931	3.1931	1.6000e-004	0.0000	3.1965
Total	0.0349	0.4691	0.4762	1.4100e-003	0.5293	7.2500e-003	0.5365	0.0589	6.6700e-003	0.0656	0.0000	123.8311	123.8311	1.0800e-003	0.0000	123.8537

3.12 Civil Demo / Grading Phase 2 - 2018**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.8000e-004	0.0000	4.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1329	3.6765	2.6488	4.4700e-003		0.0998	0.0998		0.0998	0.0998	0.0000	408.4572	408.4572	0.1272	0.0000	411.1275
Total	0.1329	3.6765	2.6488	4.4700e-003	4.8000e-004	0.0998	0.1002	7.0000e-005	0.0998	0.0998	0.0000	408.4572	408.4572	0.1272	0.0000	411.1275

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0338	0.4674	0.4594	1.3600e-003	0.1674	7.2200e-003	0.1747	0.0222	6.6400e-003	0.0288	0.0000	120.6379	120.6379	9.2000e-004	0.0000	120.6572
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0700e-003	1.6200e-003	0.0168	5.0000e-005	3.6800e-003	3.0000e-005	3.7100e-003	9.8000e-004	3.0000e-005	1.0100e-003	0.0000	3.1931	3.1931	1.6000e-004	0.0000	3.1965
Total	0.0349	0.4691	0.4762	1.4100e-003	0.1711	7.2500e-003	0.1784	0.0231	6.6700e-003	0.0298	0.0000	123.8311	123.8311	1.0800e-003	0.0000	123.8537

3.13 Electrical Demo Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0244	0.2815	0.1839	3.1000e-004		0.0136	0.0136		0.0125	0.0125	0.0000	28.1099	28.1099	8.7500e-003	0.0000	28.2937
Total	0.0244	0.2815	0.1839	3.1000e-004		0.0136	0.0136		0.0125	0.0125	0.0000	28.1099	28.1099	8.7500e-003	0.0000	28.2937

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.3000e-004	1.4100e-003	0.0147	4.0000e-005	3.2200e-003	3.0000e-005	3.2400e-003	8.5000e-004	2.0000e-005	8.8000e-004	0.0000	2.7904	2.7904	1.4000e-004	0.0000	2.7933
Total	9.3000e-004	1.4100e-003	0.0147	4.0000e-005	3.2200e-003	3.0000e-005	3.2400e-003	8.5000e-004	2.0000e-005	8.8000e-004	0.0000	2.7904	2.7904	1.4000e-004	0.0000	2.7933

3.13 Electrical Demo Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.2759	0.2102	3.1000e-004		8.6200e-003	8.6200e-003		8.6200e-003	8.6200e-003	0.0000	28.1099	28.1099	8.7500e-003	0.0000	28.2936
Total	0.0114	0.2759	0.2102	3.1000e-004		8.6200e-003	8.6200e-003		8.6200e-003	8.6200e-003	0.0000	28.1099	28.1099	8.7500e-003	0.0000	28.2936

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.3000e-004	1.4100e-003	0.0147	4.0000e-005	3.2200e-003	3.0000e-005	3.2400e-003	8.5000e-004	2.0000e-005	8.8000e-004	0.0000	2.7904	2.7904	1.4000e-004	0.0000	2.7933
Total	9.3000e-004	1.4100e-003	0.0147	4.0000e-005	3.2200e-003	3.0000e-005	3.2400e-003	8.5000e-004	2.0000e-005	8.8000e-004	0.0000	2.7904	2.7904	1.4000e-004	0.0000	2.7933

3.14 B-LST Steel Haul (18) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3000e-003	0.0338	0.0191	5.0000e-005		1.5700e-003	1.5700e-003		1.4500e-003	1.4500e-003	0.0000	4.4482	4.4482	1.3800e-003	0.0000	4.4773
Total	3.3000e-003	0.0338	0.0191	5.0000e-005		1.5700e-003	1.5700e-003		1.4500e-003	1.4500e-003	0.0000	4.4482	4.4482	1.3800e-003	0.0000	4.4773

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	4.8000e-004	3.5000e-004	0.0000	1.0800e-003	1.0000e-005	1.0900e-003	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	0.1507	0.1507	0.0000	0.0000	0.1507
Worker	4.0000e-005	6.0000e-005	6.4000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1213	0.1213	1.0000e-005	0.0000	0.1215
Total	8.0000e-005	5.4000e-004	9.9000e-004	0.0000	1.2200e-003	1.0000e-005	1.2300e-003	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	0.2720	0.2720	1.0000e-005	0.0000	0.2721

3.14 B-LST Steel Haul (18) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3700e-003	0.0392	0.0276	5.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003	0.0000	4.4482	4.4482	1.3800e-003	0.0000	4.4773
Total	1.3700e-003	0.0392	0.0276	5.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003	0.0000	4.4482	4.4482	1.3800e-003	0.0000	4.4773

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	4.8000e-004	3.5000e-004	0.0000	3.5000e-004	1.0000e-005	3.6000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.1507	0.1507	0.0000	0.0000	0.1507
Worker	4.0000e-005	6.0000e-005	6.4000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1213	0.1213	1.0000e-005	0.0000	0.1215
Total	8.0000e-005	5.4000e-004	9.9000e-004	0.0000	4.9000e-004	1.0000e-005	5.0000e-004	9.0000e-005	1.0000e-005	1.0000e-004	0.0000	0.2720	0.2720	1.0000e-005	0.0000	0.2721

3.15 B-LST Steel Assembly (19) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0253	0.2532	0.1325	2.5000e-004		0.0136	0.0136		0.0128	0.0128	0.0000	22.3459	22.3459	5.6000e-003	0.0000	22.4636
Total	0.0253	0.2532	0.1325	2.5000e-004		0.0136	0.0136		0.0128	0.0128	0.0000	22.3459	22.3459	5.6000e-003	0.0000	22.4636

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2000e-004	1.2400e-003	0.0128	3.0000e-005	2.8200e-003	2.0000e-005	2.8400e-003	7.5000e-004	2.0000e-005	7.7000e-004	0.0000	2.4458	2.4458	1.2000e-004	0.0000	2.4484
Total	8.2000e-004	1.2400e-003	0.0128	3.0000e-005	2.8200e-003	2.0000e-005	2.8400e-003	7.5000e-004	2.0000e-005	7.7000e-004	0.0000	2.4458	2.4458	1.2000e-004	0.0000	2.4484

3.15 B-LST Steel Assembly (19) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.7600e-003	0.2110	0.1451	2.5000e-004		6.1100e-003	6.1100e-003		6.1100e-003	6.1100e-003	0.0000	22.3459	22.3459	5.6000e-003	0.0000	22.4636
Total	7.7600e-003	0.2110	0.1451	2.5000e-004		6.1100e-003	6.1100e-003		6.1100e-003	6.1100e-003	0.0000	22.3459	22.3459	5.6000e-003	0.0000	22.4636

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2000e-004	1.2400e-003	0.0128	3.0000e-005	2.8200e-003	2.0000e-005	2.8400e-003	7.5000e-004	2.0000e-005	7.7000e-004	0.0000	2.4458	2.4458	1.2000e-004	0.0000	2.4484
Total	8.2000e-004	1.2400e-003	0.0128	3.0000e-005	2.8200e-003	2.0000e-005	2.8400e-003	7.5000e-004	2.0000e-005	7.7000e-004	0.0000	2.4458	2.4458	1.2000e-004	0.0000	2.4484

3.16 Civil Installation Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0980	1.0609	0.8886	1.6200e-003		0.0563	0.0563		0.0518	0.0518	0.0000	148.1385	148.1385	0.0461	0.0000	149.1069
Total	0.0980	1.0609	0.8886	1.6200e-003		0.0563	0.0563		0.0518	0.0518	0.0000	148.1385	148.1385	0.0461	0.0000	149.1069

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0112	0.1552	0.1525	4.5000e-004	0.1745	2.4000e-003	0.1769	0.0192	2.2100e-003	0.0214	0.0000	40.0565	40.0565	3.0000e-004	0.0000	40.0629
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5300e-003	2.3100e-003	0.0240	6.0000e-005	5.2600e-003	4.0000e-005	5.3000e-003	1.4000e-003	4.0000e-005	1.4400e-003	0.0000	4.5616	4.5616	2.3000e-004	0.0000	4.5664
Total	0.0128	0.1575	0.1765	5.1000e-004	0.1798	2.4400e-003	0.1822	0.0206	2.2500e-003	0.0229	0.0000	44.6182	44.6182	5.3000e-004	0.0000	44.6293

3.16 Civil Installation Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0603	1.4531	1.1188	1.6200e-003		0.0454	0.0454		0.0454	0.0454	0.0000	148.1383	148.1383	0.0461	0.0000	149.1068
Total	0.0603	1.4531	1.1188	1.6200e-003		0.0454	0.0454		0.0454	0.0454	0.0000	148.1383	148.1383	0.0461	0.0000	149.1068

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0112	0.1552	0.1525	4.5000e-004	0.0556	2.4000e-003	0.0580	7.3500e-003	2.2100e-003	9.5600e-003	0.0000	40.0565	40.0565	3.0000e-004	0.0000	40.0629
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5300e-003	2.3100e-003	0.0240	6.0000e-005	5.2600e-003	4.0000e-005	5.3000e-003	1.4000e-003	4.0000e-005	1.4400e-003	0.0000	4.5616	4.5616	2.3000e-004	0.0000	4.5664
Total	0.0128	0.1575	0.1765	5.1000e-004	0.0609	2.4400e-003	0.0633	8.7500e-003	2.2500e-003	0.0110	0.0000	44.6182	44.6182	5.3000e-004	0.0000	44.6293

3.17 B-LST Erection (20) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0554	0.5610	0.2913	7.0000e-004		0.0259	0.0259		0.0244	0.0244	0.0000	62.9540	62.9540	0.0169	0.0000	63.3087
Total	0.0554	0.5610	0.2913	7.0000e-004		0.0259	0.0259		0.0244	0.0244	0.0000	62.9540	62.9540	0.0169	0.0000	63.3087

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-004	1.4400e-003	0.0150	4.0000e-005	3.2900e-003	3.0000e-005	3.3200e-003	8.7000e-004	2.0000e-005	9.0000e-004	0.0000	2.8535	2.8535	1.4000e-004	0.0000	2.8564
Total	9.5000e-004	1.4400e-003	0.0150	4.0000e-005	3.2900e-003	3.0000e-005	3.3200e-003	8.7000e-004	2.0000e-005	9.0000e-004	0.0000	2.8535	2.8535	1.4000e-004	0.0000	2.8564

3.17 B-LST Erection (20) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0191	0.5583	0.3832	7.0000e-004		0.0146	0.0146		0.0146	0.0146	0.0000	62.9539	62.9539	0.0169	0.0000	63.3087
Total	0.0191	0.5583	0.3832	7.0000e-004		0.0146	0.0146		0.0146	0.0146	0.0000	62.9539	62.9539	0.0169	0.0000	63.3087

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-004	1.4400e-003	0.0150	4.0000e-005	3.2900e-003	3.0000e-005	3.3200e-003	8.7000e-004	2.0000e-005	9.0000e-004	0.0000	2.8535	2.8535	1.4000e-004	0.0000	2.8564
Total	9.5000e-004	1.4400e-003	0.0150	4.0000e-005	3.2900e-003	3.0000e-005	3.3200e-003	8.7000e-004	2.0000e-005	9.0000e-004	0.0000	2.8535	2.8535	1.4000e-004	0.0000	2.8564

3.18 Wiring Phase 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0371	0.4066	0.3465	5.0000e-004		0.0222	0.0222		0.0204	0.0204	0.0000	46.0275	46.0275	0.0143	0.0000	46.3284
Total	0.0371	0.4066	0.3465	5.0000e-004		0.0222	0.0222		0.0204	0.0204	0.0000	46.0275	46.0275	0.0143	0.0000	46.3284

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6900e-003	0.0131	0.1363	3.7000e-004	0.0300	2.4000e-004	0.0302	7.9500e-003	2.2000e-004	8.1700e-003	0.0000	25.9625	25.9625	1.2900e-003	0.0000	25.9896
Total	8.6900e-003	0.0131	0.1363	3.7000e-004	0.0300	2.4000e-004	0.0302	7.9500e-003	2.2000e-004	8.1700e-003	0.0000	25.9625	25.9625	1.2900e-003	0.0000	25.9896

3.18 Wiring Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0218	0.4632	0.3838	5.0000e-004		0.0167	0.0167		0.0167	0.0167	0.0000	46.0274	46.0274	0.0143	0.0000	46.3283
Total	0.0218	0.4632	0.3838	5.0000e-004		0.0167	0.0167		0.0167	0.0167	0.0000	46.0274	46.0274	0.0143	0.0000	46.3283

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6900e-003	0.0131	0.1363	3.7000e-004	0.0300	2.4000e-004	0.0302	7.9500e-003	2.2000e-004	8.1700e-003	0.0000	25.9625	25.9625	1.2900e-003	0.0000	25.9896
Total	8.6900e-003	0.0131	0.1363	3.7000e-004	0.0300	2.4000e-004	0.0302	7.9500e-003	2.2000e-004	8.1700e-003	0.0000	25.9625	25.9625	1.2900e-003	0.0000	25.9896

3.19 Electrical Phase 1 - 2018**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1831	2.1597	1.1759	2.1900e-003		0.0992	0.0992		0.0913	0.0913	0.0000	199.9709	199.9709	0.0623	0.0000	201.2782
Total	0.1831	2.1597	1.1759	2.1900e-003		0.0992	0.0992		0.0913	0.0913	0.0000	199.9709	199.9709	0.0623	0.0000	201.2782

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1000e-004	4.9900e-003	3.6500e-003	2.0000e-005	0.0111	1.1000e-004	0.0112	1.2500e-003	1.0000e-004	1.3500e-003	0.0000	1.5519	1.5519	1.0000e-005	0.0000	1.5520
Worker	8.8600e-003	0.0134	0.1391	3.7000e-004	0.0306	2.4000e-004	0.0308	8.1200e-003	2.3000e-004	8.3400e-003	0.0000	26.4915	26.4915	1.3200e-003	0.0000	26.5191
Total	9.2700e-003	0.0184	0.1427	3.9000e-004	0.0417	3.5000e-004	0.0420	9.3700e-003	3.3000e-004	9.6900e-003	0.0000	28.0433	28.0433	1.3300e-003	0.0000	28.0712

3.19 Electrical Phase 1 - 2018**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0719	1.9446	1.3674	2.1900e-003		0.0553	0.0553		0.0553	0.0553	0.0000	199.9707	199.9707	0.0623	0.0000	201.2780
Total	0.0719	1.9446	1.3674	2.1900e-003		0.0553	0.0553		0.0553	0.0553	0.0000	199.9707	199.9707	0.0623	0.0000	201.2780

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1000e-004	4.9900e-003	3.6500e-003	2.0000e-005	3.5700e-003	1.1000e-004	3.6800e-003	4.9000e-004	1.0000e-004	5.9000e-004	0.0000	1.5519	1.5519	1.0000e-005	0.0000	1.5520
Worker	8.8600e-003	0.0134	0.1391	3.7000e-004	0.0306	2.4000e-004	0.0308	8.1200e-003	2.3000e-004	8.3400e-003	0.0000	26.4915	26.4915	1.3200e-003	0.0000	26.5191
Total	9.2700e-003	0.0184	0.1427	3.9000e-004	0.0341	3.5000e-004	0.0345	8.6100e-003	3.3000e-004	8.9300e-003	0.0000	28.0433	28.0433	1.3300e-003	0.0000	28.0712

3.20 C-Install TSP Foundations (21) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.5300e-003	0.0974	0.0509	1.4000e-004		4.0000e-003	4.0000e-003		3.6800e-003	3.6800e-003	0.0000	13.1967	13.1967	4.1100e-003	0.0000	13.2830
Total	8.5300e-003	0.0974	0.0509	1.4000e-004		4.0000e-003	4.0000e-003		3.6800e-003	3.6800e-003	0.0000	13.1967	13.1967	4.1100e-003	0.0000	13.2830

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.2000e-004	4.3900e-003	4.3200e-003	1.0000e-005	4.9400e-003	7.0000e-005	5.0100e-003	5.4000e-004	6.0000e-005	6.1000e-004	0.0000	1.1339	1.1339	1.0000e-005	0.0000	1.1341
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	1.6000e-004	1.6300e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3106	0.3106	2.0000e-005	0.0000	0.3109
Total	4.2000e-004	4.5500e-003	5.9500e-003	1.0000e-005	5.3000e-003	7.0000e-005	5.3700e-003	6.4000e-004	6.0000e-005	7.1000e-004	0.0000	1.4445	1.4445	3.0000e-005	0.0000	1.4450

3.20 C-Install TSP Foundations (21) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.9100e-003	0.1201	0.0806	1.4000e-004		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003	0.0000	13.1967	13.1967	4.1100e-003	0.0000	13.2830
Total	3.9100e-003	0.1201	0.0806	1.4000e-004		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003	0.0000	13.1967	13.1967	4.1100e-003	0.0000	13.2830

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.2000e-004	4.3900e-003	4.3200e-003	1.0000e-005	1.5700e-003	7.0000e-005	1.6400e-003	2.1000e-004	6.0000e-005	2.7000e-004	0.0000	1.1339	1.1339	1.0000e-005	0.0000	1.1341
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	1.6000e-004	1.6300e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3106	0.3106	2.0000e-005	0.0000	0.3109
Total	4.2000e-004	4.5500e-003	5.9500e-003	1.0000e-005	1.9300e-003	7.0000e-005	2.0000e-003	3.1000e-004	6.0000e-005	3.7000e-004	0.0000	1.4445	1.4445	3.0000e-005	0.0000	1.4450

3.21 C-TSP Haul (22) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.0800e-003	0.0237	0.0102	3.0000e-005		9.6000e-004	9.6000e-004		8.8000e-004	8.8000e-004	0.0000	2.5309	2.5309	7.9000e-004	0.0000	2.5474
Total	2.0800e-003	0.0237	0.0102	3.0000e-005		9.6000e-004	9.6000e-004		8.8000e-004	8.8000e-004	0.0000	2.5309	2.5309	7.9000e-004	0.0000	2.5474

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.9000e-004	1.4000e-004	0.0000	4.3000e-004	0.0000	4.4000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0603	0.0603	0.0000	0.0000	0.0603
Worker	2.0000e-005	2.0000e-005	2.5000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0485	0.0485	0.0000	0.0000	0.0486
Total	4.0000e-005	2.1000e-004	3.9000e-004	0.0000	4.9000e-004	0.0000	5.0000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.1088	0.1088	0.0000	0.0000	0.1089

3.21 C-TSP Haul (22) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.8000e-004	0.0223	0.0147	3.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004	0.0000	2.5309	2.5309	7.9000e-004	0.0000	2.5474
Total	6.8000e-004	0.0223	0.0147	3.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004	0.0000	2.5309	2.5309	7.9000e-004	0.0000	2.5474

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.9000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0603	0.0603	0.0000	0.0000	0.0603
Worker	2.0000e-005	2.0000e-005	2.5000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0485	0.0485	0.0000	0.0000	0.0486
Total	4.0000e-005	2.1000e-004	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	3.0000e-005	0.0000	4.0000e-005	0.0000	0.1088	0.1088	0.0000	0.0000	0.1089

3.22 Electrical Phase 2 - 2018**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1905	2.2460	1.5111	2.5500e-003		0.1048	0.1048		0.0965	0.0965	0.0000	232.6955	232.6955	0.0724	0.0000	234.2167
Total	0.1905	2.2460	1.5111	2.5500e-003		0.1048	0.1048		0.0965	0.0965	0.0000	232.6955	232.6955	0.0724	0.0000	234.2167

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	4.6000e-003	3.3600e-003	2.0000e-005	0.0103	1.0000e-004	0.0104	1.1500e-003	9.0000e-005	1.2400e-003	0.0000	1.4313	1.4313	1.0000e-005	0.0000	1.4315
Worker	8.1700e-003	0.0124	0.1283	3.5000e-004	0.0282	2.2000e-004	0.0284	7.4800e-003	2.1000e-004	7.6900e-003	0.0000	24.4339	24.4339	1.2200e-003	0.0000	24.4594
Total	8.5400e-003	0.0170	0.1316	3.7000e-004	0.0384	3.2000e-004	0.0388	8.6300e-003	3.0000e-004	8.9300e-003	0.0000	25.8652	25.8652	1.2300e-003	0.0000	25.8909

3.22 Electrical Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0947	2.2920	1.7404	2.5500e-003		0.0723	0.0723		0.0723	0.0723	0.0000	232.6952	232.6952	0.0724	0.0000	234.2165
Total	0.0947	2.2920	1.7404	2.5500e-003		0.0723	0.0723		0.0723	0.0723	0.0000	232.6952	232.6952	0.0724	0.0000	234.2165

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	4.6000e-003	3.3600e-003	2.0000e-005	3.3000e-003	1.0000e-004	3.4000e-003	4.6000e-004	9.0000e-005	5.5000e-004	0.0000	1.4313	1.4313	1.0000e-005	0.0000	1.4315
Worker	8.1700e-003	0.0124	0.1283	3.5000e-004	0.0282	2.2000e-004	0.0284	7.4800e-003	2.1000e-004	7.6900e-003	0.0000	24.4339	24.4339	1.2200e-003	0.0000	24.4594
Total	8.5400e-003	0.0170	0.1316	3.7000e-004	0.0315	3.2000e-004	0.0318	7.9400e-003	3.0000e-004	8.2400e-003	0.0000	25.8652	25.8652	1.2300e-003	0.0000	25.8909

3.23 C-TSP Assembly (23) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.5400e-003	0.0260	0.0133	3.0000e-005		1.1800e-003	1.1800e-003		1.1100e-003	1.1100e-003	0.0000	2.9127	2.9127	8.0000e-004	0.0000	2.9294
Total	2.5400e-003	0.0260	0.0133	3.0000e-005		1.1800e-003	1.1800e-003		1.1100e-003	1.1100e-003	0.0000	2.9127	2.9127	8.0000e-004	0.0000	2.9294

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	8.0000e-005	8.2000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1553	0.1553	1.0000e-005	0.0000	0.1555
Total	5.0000e-005	8.0000e-005	8.2000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1553	0.1553	1.0000e-005	0.0000	0.1555

3.23 C-TSP Assembly (23) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.7000e-004	0.0258	0.0176	3.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	2.9127	2.9127	8.0000e-004	0.0000	2.9294
Total	8.7000e-004	0.0258	0.0176	3.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	2.9127	2.9127	8.0000e-004	0.0000	2.9294

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	8.0000e-005	8.2000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1553	0.1553	1.0000e-005	0.0000	0.1555
Total	5.0000e-005	8.0000e-005	8.2000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1553	0.1553	1.0000e-005	0.0000	0.1555

3.24 C-TSP Erection (24) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8000e-003	0.0391	0.0199	5.0000e-005		1.7800e-003	1.7800e-003		1.6700e-003	1.6700e-003	0.0000	4.3691	4.3691	1.1900e-003	0.0000	4.3941
Total	3.8000e-003	0.0391	0.0199	5.0000e-005		1.7800e-003	1.7800e-003		1.6700e-003	1.6700e-003	0.0000	4.3691	4.3691	1.1900e-003	0.0000	4.3941

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	1.2000e-004	1.2200e-003	0.0000	2.7000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2329	0.2329	1.0000e-005	0.0000	0.2332
Total	8.0000e-005	1.2000e-004	1.2200e-003	0.0000	2.7000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2329	0.2329	1.0000e-005	0.0000	0.2332

3.24 C-TSP Erection (24) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3100e-003	0.0387	0.0265	5.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	4.3691	4.3691	1.1900e-003	0.0000	4.3941
Total	1.3100e-003	0.0387	0.0265	5.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	4.3691	4.3691	1.1900e-003	0.0000	4.3941

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	1.2000e-004	1.2200e-003	0.0000	2.7000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2329	0.2329	1.0000e-005	0.0000	0.2332
Total	8.0000e-005	1.2000e-004	1.2200e-003	0.0000	2.7000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2329	0.2329	1.0000e-005	0.0000	0.2332

3.25 C-Install/Transfer Conductor (25) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4380	4.8775	2.6193	4.9900e-003		0.2464	0.2464		0.2267	0.2267	0.0000	456.0999	456.0999	0.1420	0.0000	459.0817
Total	0.4380	4.8775	2.6193	4.9900e-003		0.2464	0.2464		0.2267	0.2267	0.0000	456.0999	456.0999	0.1420	0.0000	459.0817

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0900e-003	0.0134	9.7700e-003	5.0000e-005	0.0298	2.9000e-004	0.0301	3.3400e-003	2.7000e-004	3.6100e-003	0.0000	4.1584	4.1584	2.0000e-005	0.0000	4.1589
Worker	5.0800e-003	7.6800e-003	0.0797	2.1000e-004	0.0175	1.4000e-004	0.0177	4.6500e-003	1.3000e-004	4.7800e-003	0.0000	15.1796	15.1796	7.6000e-004	0.0000	15.1954
Total	6.1700e-003	0.0211	0.0895	2.6000e-004	0.0473	4.3000e-004	0.0477	7.9900e-003	4.0000e-004	8.3900e-003	0.0000	19.3380	19.3380	7.8000e-004	0.0000	19.3543

3.25 C-Install/Transfer Conductor (25) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1636	4.3646	3.1283	4.9900e-003		0.1248	0.1248		0.1248	0.1248	0.0000	456.0994	456.0994	0.1420	0.0000	459.0812
Total	0.1636	4.3646	3.1283	4.9900e-003		0.1248	0.1248		0.1248	0.1248	0.0000	456.0994	456.0994	0.1420	0.0000	459.0812

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0900e-003	0.0134	9.7700e-003	5.0000e-005	9.5800e-003	2.9000e-004	9.8700e-003	1.3300e-003	2.7000e-004	1.5900e-003	0.0000	4.1584	4.1584	2.0000e-005	0.0000	4.1589
Worker	5.0800e-003	7.6800e-003	0.0797	2.1000e-004	0.0175	1.4000e-004	0.0177	4.6500e-003	1.3000e-004	4.7800e-003	0.0000	15.1796	15.1796	7.6000e-004	0.0000	15.1954
Total	6.1700e-003	0.0211	0.0895	2.6000e-004	0.0271	4.3000e-004	0.0275	5.9800e-003	4.0000e-004	6.3700e-003	0.0000	19.3380	19.3380	7.8000e-004	0.0000	19.3543

3.26 Testing Phase 2 - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1700e-003	3.2900e-003	0.0341	9.0000e-005	7.5000e-003	6.0000e-005	7.5500e-003	1.9900e-003	6.0000e-005	2.0500e-003	0.0000	6.4979	6.4979	3.2000e-004	0.0000	6.5047
Total	2.1700e-003	3.2900e-003	0.0341	9.0000e-005	7.5000e-003	6.0000e-005	7.5500e-003	1.9900e-003	6.0000e-005	2.0500e-003	0.0000	6.4979	6.4979	3.2000e-004	0.0000	6.5047

3.26 Testing Phase 2 - 2018

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1700e-003	3.2900e-003	0.0341	9.0000e-005	7.5000e-003	6.0000e-005	7.5500e-003	1.9900e-003	6.0000e-005	2.0500e-003	0.0000	6.4979	6.4979	3.2000e-004	0.0000	6.5047
Total	2.1700e-003	3.2900e-003	0.0341	9.0000e-005	7.5000e-003	6.0000e-005	7.5500e-003	1.9900e-003	6.0000e-005	2.0500e-003	0.0000	6.4979	6.4979	3.2000e-004	0.0000	6.5047

3.26 Testing Phase 2 - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	2.9000e-004	3.0400e-003	1.0000e-005	7.3000e-004	1.0000e-005	7.3000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.6069	0.6069	3.0000e-005	0.0000	0.6075
Total	1.9000e-004	2.9000e-004	3.0400e-003	1.0000e-005	7.3000e-004	1.0000e-005	7.3000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.6069	0.6069	3.0000e-005	0.0000	0.6075

3.26 Testing Phase 2 - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	2.9000e-004	3.0400e-003	1.0000e-005	7.3000e-004	1.0000e-005	7.3000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.6069	0.6069	3.0000e-005	0.0000	0.6075
Total	1.9000e-004	2.9000e-004	3.0400e-003	1.0000e-005	7.3000e-004	1.0000e-005	7.3000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.6069	0.6069	3.0000e-005	0.0000	0.6075

3.27 Maintenance Crew Equipment Check Phase 2 - 2018**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0178	0.1916	0.0967	3.0000e-004		6.9900e-003	6.9900e-003		6.4300e-003	6.4300e-003	0.0000	27.7548	27.7548	8.6400e-003	0.0000	27.9362
Total	0.0178	0.1916	0.0967	3.0000e-004	0.0000	6.9900e-003	6.9900e-003	0.0000	6.4300e-003	6.4300e-003	0.0000	27.7548	27.7548	8.6400e-003	0.0000	27.9362

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	2.7000e-004	2.8300e-003	1.0000e-005	6.2000e-004	0.0000	6.3000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5387	0.5387	3.0000e-005	0.0000	0.5392
Total	1.8000e-004	2.7000e-004	2.8300e-003	1.0000e-005	6.2000e-004	0.0000	6.3000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5387	0.5387	3.0000e-005	0.0000	0.5392

3.27 Maintenance Crew Equipment Check Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.4400e-003	0.2350	0.1612	3.0000e-004		5.4600e-003	5.4600e-003		5.4600e-003	5.4600e-003	0.0000	27.7547	27.7547	8.6400e-003	0.0000	27.9362
Total	7.4400e-003	0.2350	0.1612	3.0000e-004	0.0000	5.4600e-003	5.4600e-003	0.0000	5.4600e-003	5.4600e-003	0.0000	27.7547	27.7547	8.6400e-003	0.0000	27.9362

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	2.7000e-004	2.8300e-003	1.0000e-005	6.2000e-004	0.0000	6.3000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5387	0.5387	3.0000e-005	0.0000	0.5392
Total	1.8000e-004	2.7000e-004	2.8300e-003	1.0000e-005	6.2000e-004	0.0000	6.3000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5387	0.5387	3.0000e-005	0.0000	0.5392

3.27 Maintenance Crew Equipment Check Phase 2 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4100e-003	0.0447	0.0249	8.0000e-005		1.6300e-003	1.6300e-003		1.5000e-003	1.5000e-003	0.0000	7.3778	7.3778	2.3300e-003	0.0000	7.4268
Total	4.4100e-003	0.0447	0.0249	8.0000e-005	0.0000	1.6300e-003	1.6300e-003	0.0000	1.5000e-003	1.5000e-003	0.0000	7.3778	7.3778	2.3300e-003	0.0000	7.4268

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	7.0000e-005	7.0000e-004	0.0000	1.7000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.1400	0.1400	1.0000e-005	0.0000	0.1402
Total	4.0000e-005	7.0000e-005	7.0000e-004	0.0000	1.7000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.1400	0.1400	1.0000e-005	0.0000	0.1402

3.27 Maintenance Crew Equipment Check Phase 2 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0100e-003	0.0635	0.0436	8.0000e-005		1.4700e-003	1.4700e-003		1.4700e-003	1.4700e-003	0.0000	7.3778	7.3778	2.3300e-003	0.0000	7.4268
Total	2.0100e-003	0.0635	0.0436	8.0000e-005	0.0000	1.4700e-003	1.4700e-003	0.0000	1.4700e-003	1.4700e-003	0.0000	7.3778	7.3778	2.3300e-003	0.0000	7.4268

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	7.0000e-005	7.0000e-004	0.0000	1.7000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.1400	0.1400	1.0000e-005	0.0000	0.1402
Total	4.0000e-005	7.0000e-005	7.0000e-004	0.0000	1.7000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.1400	0.1400	1.0000e-005	0.0000	0.1402

3.28 Civil Demo / Grading Phase 3 - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.3200e-003	0.0000	4.3200e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5841	17.6281	11.5513	0.0234		0.7802	0.7802		0.7178	0.7178	0.0000	2,102.3002	2,102.3002	0.6652	0.0000	2,116.2682
Total	1.5841	17.6281	11.5513	0.0234	4.3200e-003	0.7802	0.7845	6.5000e-004	0.7178	0.7184	0.0000	2,102.3002	2,102.3002	0.6652	0.0000	2,116.2682

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1011	1.3500	1.3932	4.1900e-003	1.6224	0.0223	1.6447	0.1787	0.0205	0.1993	0.0000	365.1355	365.1355	2.8200e-003	0.0000	365.1947
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0160	0.0242	0.2505	7.3000e-004	0.0600	4.7000e-004	0.0605	0.0159	4.4000e-004	0.0164	0.0000	50.0654	50.0654	2.4200e-003	0.0000	50.1164
Total	0.1171	1.3742	1.6437	4.9200e-003	1.6824	0.0228	1.7052	0.1947	0.0210	0.2156	0.0000	415.2009	415.2009	5.2400e-003	0.0000	415.3111

3.28 Civil Demo / Grading Phase 3 - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.9400e-003	0.0000	1.9400e-003	2.9000e-004	0.0000	2.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6952	19.2276	13.8593	0.0234		0.5220	0.5220		0.5220	0.5220	0.0000	2,102.2977	2,102.2977	0.6651	0.0000	2,116.2657
Total	0.6952	19.2276	13.8593	0.0234	1.9400e-003	0.5220	0.5239	2.9000e-004	0.5220	0.5223	0.0000	2,102.2977	2,102.2977	0.6651	0.0000	2,116.2657

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1011	1.3500	1.3932	4.1900e-003	0.5169	0.0223	0.5392	0.0684	0.0205	0.0889	0.0000	365.1355	365.1355	2.8200e-003	0.0000	365.1947
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0160	0.0242	0.2505	7.3000e-004	0.0600	4.7000e-004	0.0605	0.0159	4.4000e-004	0.0164	0.0000	50.0654	50.0654	2.4200e-003	0.0000	50.1164
Total	0.1171	1.3742	1.6437	4.9200e-003	0.5769	0.0228	0.5997	0.0843	0.0210	0.1053	0.0000	415.2009	415.2009	5.2400e-003	0.0000	415.3111

3.29 B-Shoo-fly Pole Haul (7) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8700e-003	0.0207	9.4600e-003	3.0000e-005		8.2000e-004	8.2000e-004		7.6000e-004	7.6000e-004	0.0000	2.4895	2.4895	7.9000e-004	0.0000	2.5061
Total	1.8700e-003	0.0207	9.4600e-003	3.0000e-005		8.2000e-004	8.2000e-004		7.6000e-004	7.6000e-004	0.0000	2.4895	2.4895	7.9000e-004	0.0000	2.5061

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.7000e-004	1.3000e-004	0.0000	4.3000e-004	0.0000	4.4000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0591	0.0591	0.0000	0.0000	0.0591
Worker	1.0000e-005	2.0000e-005	2.3000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0467	0.0467	0.0000	0.0000	0.0467
Total	2.0000e-005	1.9000e-004	3.6000e-004	0.0000	4.9000e-004	0.0000	5.0000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.1058	0.1058	0.0000	0.0000	0.1058

3.29 B-Shoo-fly Pole Haul (7) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.8000e-004	0.0223	0.0147	3.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004	0.0000	2.4895	2.4895	7.9000e-004	0.0000	2.5061
Total	6.8000e-004	0.0223	0.0147	3.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004	0.0000	2.4895	2.4895	7.9000e-004	0.0000	2.5061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.7000e-004	1.3000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0591	0.0591	0.0000	0.0000	0.0591
Worker	1.0000e-005	2.0000e-005	2.3000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0467	0.0467	0.0000	0.0000	0.0467
Total	2.0000e-005	1.9000e-004	3.6000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	3.0000e-005	0.0000	4.0000e-005	0.0000	0.1058	0.1058	0.0000	0.0000	0.1058

3.30 B-Install Shoo-fly Pole (9) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8300e-003	0.0425	0.0262	7.0000e-005		1.7100e-003	1.7100e-003		1.5700e-003	1.5700e-003	0.0000	6.4675	6.4675	2.0500e-003	0.0000	6.5104
Total	3.8300e-003	0.0425	0.0262	7.0000e-005		1.7100e-003	1.7100e-003		1.5700e-003	1.5700e-003	0.0000	6.4675	6.4675	2.0500e-003	0.0000	6.5104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.7000e-004	1.3000e-004	0.0000	4.3000e-004	0.0000	4.4000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0591	0.0591	0.0000	0.0000	0.0591
Worker	4.0000e-005	6.0000e-005	6.5000e-004	0.0000	1.6000e-004	0.0000	1.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1307	0.1307	1.0000e-005	0.0000	0.1308
Total	5.0000e-005	2.3000e-004	7.8000e-004	0.0000	5.9000e-004	0.0000	6.0000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.1898	0.1898	1.0000e-005	0.0000	0.1899

3.30 B-Install Shoo-fly Pole (9) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.0400e-003	0.0603	0.0411	7.0000e-005		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	6.4674	6.4674	2.0500e-003	0.0000	6.5104
Total	2.0400e-003	0.0603	0.0411	7.0000e-005		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	6.4674	6.4674	2.0500e-003	0.0000	6.5104

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.7000e-004	1.3000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0591	0.0591	0.0000	0.0000	0.0591
Worker	4.0000e-005	6.0000e-005	6.5000e-004	0.0000	1.6000e-004	0.0000	1.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1307	0.1307	1.0000e-005	0.0000	0.1308
Total	5.0000e-005	2.3000e-004	7.8000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1898	0.1898	1.0000e-005	0.0000	0.1899

3.31 B-Shoo-fly Pole Assembly (8) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.7000e-004	9.6700e-003	5.4200e-003	1.0000e-005		4.3000e-004	4.3000e-004		4.0000e-004	4.0000e-004	0.0000	1.2674	1.2674	3.5000e-004	0.0000	1.2748
Total	9.7000e-004	9.6700e-003	5.4200e-003	1.0000e-005		4.3000e-004	4.3000e-004		4.0000e-004	4.0000e-004	0.0000	1.2674	1.2674	3.5000e-004	0.0000	1.2748

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	4.0000e-005	3.7000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0747	0.0747	0.0000	0.0000	0.0748
Total	2.0000e-005	4.0000e-005	3.7000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0747	0.0747	0.0000	0.0000	0.0748

3.31 B-Shoo-fly Pole Assembly (8) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8000e-004	0.0113	7.7600e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	1.2674	1.2674	3.5000e-004	0.0000	1.2748
Total	3.8000e-004	0.0113	7.7600e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	1.2674	1.2674	3.5000e-004	0.0000	1.2748

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	4.0000e-005	3.7000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0747	0.0747	0.0000	0.0000	0.0748
Total	2.0000e-005	4.0000e-005	3.7000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0747	0.0747	0.0000	0.0000	0.0748

3.32 B-Install Shoo-fly Conductor (10) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8900e-003	0.0387	0.0217	6.0000e-005		1.7000e-003	1.7000e-003		1.6000e-003	1.6000e-003	0.0000	5.0697	5.0697	1.4100e-003	0.0000	5.0992
Total	3.8900e-003	0.0387	0.0217	6.0000e-005		1.7000e-003	1.7000e-003		1.6000e-003	1.6000e-003	0.0000	5.0697	5.0697	1.4100e-003	0.0000	5.0992

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	3.4000e-004	2.6000e-004	0.0000	8.6000e-004	1.0000e-005	8.7000e-004	1.0000e-004	1.0000e-005	1.0000e-004	0.0000	0.1181	0.1181	0.0000	0.0000	0.1182
Worker	1.1000e-004	1.7000e-004	1.7800e-003	1.0000e-005	4.3000e-004	0.0000	4.3000e-004	1.1000e-004	0.0000	1.2000e-004	0.0000	0.3548	0.3548	2.0000e-005	0.0000	0.3551
Total	1.4000e-004	5.1000e-004	2.0400e-003	1.0000e-005	1.2900e-003	1.0000e-005	1.3000e-003	2.1000e-004	1.0000e-005	2.2000e-004	0.0000	0.4729	0.4729	2.0000e-005	0.0000	0.4733

3.32 B-Install Shoo-fly Conductor (10) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5300e-003	0.0452	0.0311	6.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	5.0697	5.0697	1.4100e-003	0.0000	5.0992
Total	1.5300e-003	0.0452	0.0311	6.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	5.0697	5.0697	1.4100e-003	0.0000	5.0992

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	3.4000e-004	2.6000e-004	0.0000	2.8000e-004	1.0000e-005	2.9000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.1181	0.1181	0.0000	0.0000	0.1182
Worker	1.1000e-004	1.7000e-004	1.7800e-003	1.0000e-005	4.3000e-004	0.0000	4.3000e-004	1.1000e-004	0.0000	1.2000e-004	0.0000	0.3548	0.3548	2.0000e-005	0.0000	0.3551
Total	1.4000e-004	5.1000e-004	2.0400e-003	1.0000e-005	7.1000e-004	1.0000e-005	7.2000e-004	1.5000e-004	1.0000e-005	1.7000e-004	0.0000	0.4729	0.4729	2.0000e-005	0.0000	0.4733

3.33 Civil Installation Phase 3 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.9338	10.0379	8.0229	0.0180		0.4558	0.4558		0.4194	0.4194	0.0000	1,617.802 2	1,617.802 2	0.5119	0.0000	1,628.551 2
Total	0.9338	10.0379	8.0229	0.0180	0.0000	0.4558	0.4558	0.0000	0.4194	0.4194	0.0000	1,617.802 2	1,617.802 2	0.5119	0.0000	1,628.551 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0442	0.5897	0.6086	1.8300e-003	0.7087	9.7400e-003	0.7184	0.0781	8.9600e-003	0.0870	0.0000	159.4975	159.4975	1.2300e-003	0.0000	159.5234
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0214	0.0323	0.3346	9.8000e-004	0.0802	6.3000e-004	0.0808	0.0213	5.8000e-004	0.0219	0.0000	66.8706	66.8706	3.2400e-003	0.0000	66.9386
Total	0.0655	0.6220	0.9432	2.8100e-003	0.7889	0.0104	0.7992	0.0994	9.5400e-003	0.1089	0.0000	226.3681	226.3681	4.4700e-003	0.0000	226.4620

3.33 Civil Installation Phase 3 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5878	15.4267	11.3222	0.0180		0.4441	0.4441		0.4441	0.4441	0.0000	1,617.8003	1,617.8003	0.5119	0.0000	1,628.5492
Total	0.5878	15.4267	11.3222	0.0180	0.0000	0.4441	0.4441	0.0000	0.4441	0.4441	0.0000	1,617.8003	1,617.8003	0.5119	0.0000	1,628.5492

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0442	0.5897	0.6086	1.8300e-003	0.2258	9.7400e-003	0.2355	0.0299	8.9600e-003	0.0388	0.0000	159.4975	159.4975	1.2300e-003	0.0000	159.5234
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0214	0.0323	0.3346	9.8000e-004	0.0802	6.3000e-004	0.0808	0.0213	5.8000e-004	0.0219	0.0000	66.8706	66.8706	3.2400e-003	0.0000	66.9386
Total	0.0655	0.6220	0.9432	2.8100e-003	0.3060	0.0104	0.3163	0.0512	9.5400e-003	0.0607	0.0000	226.3681	226.3681	4.4700e-003	0.0000	226.4620

3.34 Electrical Phase 3 (Including Wiring) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0280	0.3194	0.2627	4.4000e-004		0.0150	0.0150		0.0139	0.0139	0.0000	39.5989	39.5989	0.0113	0.0000	39.8358
Total	0.0280	0.3194	0.2627	4.4000e-004		0.0150	0.0150		0.0139	0.0139	0.0000	39.5989	39.5989	0.0113	0.0000	39.8358

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	6.0000e-004	4.5000e-004	0.0000	1.5100e-003	1.0000e-005	1.5200e-003	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.2068	0.2068	0.0000	0.0000	0.2068
Worker	1.7300e-003	2.6200e-003	0.0271	8.0000e-005	6.5000e-003	5.0000e-005	6.5600e-003	1.7300e-003	5.0000e-005	1.7700e-003	0.0000	5.4243	5.4243	2.6000e-004	0.0000	5.4299
Total	1.7800e-003	3.2200e-003	0.0276	8.0000e-005	8.0100e-003	6.0000e-005	8.0800e-003	1.9000e-003	6.0000e-005	1.9500e-003	0.0000	5.6311	5.6311	2.6000e-004	0.0000	5.6366

3.34 Electrical Phase 3 (Including Wiring) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0173	0.3988	0.3040	4.4000e-004		0.0137	0.0137		0.0137	0.0137	0.0000	39.5989	39.5989	0.0113	0.0000	39.8357
Total	0.0173	0.3988	0.3040	4.4000e-004		0.0137	0.0137		0.0137	0.0137	0.0000	39.5989	39.5989	0.0113	0.0000	39.8357

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	6.0000e-004	4.5000e-004	0.0000	4.9000e-004	1.0000e-005	5.0000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.2068	0.2068	0.0000	0.0000	0.2068
Worker	1.7300e-003	2.6200e-003	0.0271	8.0000e-005	6.5000e-003	5.0000e-005	6.5600e-003	1.7300e-003	5.0000e-005	1.7700e-003	0.0000	5.4243	5.4243	2.6000e-004	0.0000	5.4299
Total	1.7800e-003	3.2200e-003	0.0276	8.0000e-005	6.9900e-003	6.0000e-005	7.0600e-003	1.8000e-003	6.0000e-005	1.8500e-003	0.0000	5.6311	5.6311	2.6000e-004	0.0000	5.6366

3.34 Electrical Phase 3 (Including Wiring) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.5022	5.7154	5.0430	8.6500e-003		0.2581	0.2581		0.2401	0.2401	0.0000	757.4814	757.4814	0.2192	0.0000	762.0851
Total	0.5022	5.7154	5.0430	8.6500e-003		0.2581	0.2581		0.2401	0.2401	0.0000	757.4814	757.4814	0.2192	0.0000	762.0851

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.9000e-004	9.3300e-003	8.0100e-003	5.0000e-005	0.0295	2.0000e-004	0.0297	3.3100e-003	1.8000e-004	3.4900e-003	0.0000	3.9402	3.9402	2.0000e-005	0.0000	3.9406
Worker	0.0316	0.0473	0.4927	1.5500e-003	0.1268	9.9000e-004	0.1278	0.0337	9.1000e-004	0.0346	0.0000	101.4779	101.4779	4.8500e-003	0.0000	101.5798
Total	0.0325	0.0566	0.5007	1.6000e-003	0.1563	1.1900e-003	0.1575	0.0370	1.0900e-003	0.0381	0.0000	105.4181	105.4181	4.8700e-003	0.0000	105.5204

3.34 Electrical Phase 3 (Including Wiring) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3375	7.7756	5.9288	8.6500e-003		0.2666	0.2666		0.2666	0.2666	0.0000	757.4805	757.4805	0.2192	0.0000	762.0842
Total	0.3375	7.7756	5.9288	8.6500e-003		0.2666	0.2666		0.2666	0.2666	0.0000	757.4805	757.4805	0.2192	0.0000	762.0842

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.9000e-004	9.3300e-003	8.0100e-003	5.0000e-005	9.4700e-003	2.0000e-004	9.6700e-003	1.3100e-003	1.8000e-004	1.5000e-003	0.0000	3.9402	3.9402	2.0000e-005	0.0000	3.9406
Worker	0.0316	0.0473	0.4927	1.5500e-003	0.1268	9.9000e-004	0.1278	0.0337	9.1000e-004	0.0346	0.0000	101.4779	101.4779	4.8500e-003	0.0000	101.5798
Total	0.0325	0.0566	0.5007	1.6000e-003	0.1363	1.1900e-003	0.1375	0.0350	1.0900e-003	0.0361	0.0000	105.4181	105.4181	4.8700e-003	0.0000	105.5204

3.35 Testing Phase 3 - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1900e-003	7.7600e-003	0.0808	2.5000e-004	0.0208	1.6000e-004	0.0210	5.5300e-003	1.5000e-004	5.6800e-003	0.0000	16.6510	16.6510	8.0000e-004	0.0000	16.6677
Total	5.1900e-003	7.7600e-003	0.0808	2.5000e-004	0.0208	1.6000e-004	0.0210	5.5300e-003	1.5000e-004	5.6800e-003	0.0000	16.6510	16.6510	8.0000e-004	0.0000	16.6677

3.35 Testing Phase 3 - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1900e-003	7.7600e-003	0.0808	2.5000e-004	0.0208	1.6000e-004	0.0210	5.5300e-003	1.5000e-004	5.6800e-003	0.0000	16.6510	16.6510	8.0000e-004	0.0000	16.6677
Total	5.1900e-003	7.7600e-003	0.0808	2.5000e-004	0.0208	1.6000e-004	0.0210	5.5300e-003	1.5000e-004	5.6800e-003	0.0000	16.6510	16.6510	8.0000e-004	0.0000	16.6677

3.35 Testing Phase 3 - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7700e-003	2.6100e-003	0.0274	9.0000e-005	7.5000e-003	6.0000e-005	7.5500e-003	1.9900e-003	5.0000e-005	2.0400e-003	0.0000	5.9037	5.9037	2.7000e-004	0.0000	5.9095
Total	1.7700e-003	2.6100e-003	0.0274	9.0000e-005	7.5000e-003	6.0000e-005	7.5500e-003	1.9900e-003	5.0000e-005	2.0400e-003	0.0000	5.9037	5.9037	2.7000e-004	0.0000	5.9095

3.35 Testing Phase 3 - 2021

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7700e-003	2.6100e-003	0.0274	9.0000e-005	7.5000e-003	6.0000e-005	7.5500e-003	1.9900e-003	5.0000e-005	2.0400e-003	0.0000	5.9037	5.9037	2.7000e-004	0.0000	5.9095
Total	1.7700e-003	2.6100e-003	0.0274	9.0000e-005	7.5000e-003	6.0000e-005	7.5500e-003	1.9900e-003	5.0000e-005	2.0400e-003	0.0000	5.9037	5.9037	2.7000e-004	0.0000	5.9095

3.36 C-Guard Structure Installation (6) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.3300e-003	0.0751	0.0462	1.4000e-004		2.9500e-003	2.9500e-003		2.7500e-003	2.7500e-003	0.0000	12.3716	12.3716	3.7100e-003	0.0000	12.4495
Total	7.3300e-003	0.0751	0.0462	1.4000e-004		2.9500e-003	2.9500e-003		2.7500e-003	2.7500e-003	0.0000	12.3716	12.3716	3.7100e-003	0.0000	12.4495

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	2.7000e-004	2.3000e-004	0.0000	8.6000e-004	1.0000e-005	8.7000e-004	1.0000e-004	1.0000e-005	1.0000e-004	0.0000	0.1155	0.1155	0.0000	0.0000	0.1155
Worker	4.0000e-005	7.0000e-005	7.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1433	0.1433	1.0000e-005	0.0000	0.1435
Total	7.0000e-005	3.4000e-004	9.3000e-004	0.0000	1.0400e-003	1.0000e-005	1.0500e-003	1.5000e-004	1.0000e-005	1.5000e-004	0.0000	0.2588	0.2588	1.0000e-005	0.0000	0.2589

3.36 C-Guard Structure Installation (6) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.7600e-003	0.1150	0.0774	1.4000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003	0.0000	12.3716	12.3716	3.7100e-003	0.0000	12.4495
Total	3.7600e-003	0.1150	0.0774	1.4000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003	0.0000	12.3716	12.3716	3.7100e-003	0.0000	12.4495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	2.7000e-004	2.3000e-004	0.0000	2.8000e-004	1.0000e-005	2.8000e-004	4.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.1155	0.1155	0.0000	0.0000	0.1155
Worker	4.0000e-005	7.0000e-005	7.0000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1433	0.1433	1.0000e-005	0.0000	0.1435
Total	7.0000e-005	3.4000e-004	9.3000e-004	0.0000	4.6000e-004	1.0000e-005	4.6000e-004	9.0000e-005	1.0000e-005	9.0000e-005	0.0000	0.2588	0.2588	1.0000e-005	0.0000	0.2589

3.37 D-Remove Existing Conductor & GW (11) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0177	0.2011	0.1215	2.8000e-004		8.1800e-003	8.1800e-003		7.5200e-003	7.5200e-003	0.0000	25.0006	25.0006	8.0900e-003	0.0000	25.1704
Total	0.0177	0.2011	0.1215	2.8000e-004		8.1800e-003	8.1800e-003		7.5200e-003	7.5200e-003	0.0000	25.0006	25.0006	8.0900e-003	0.0000	25.1704

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	1.8500e-003	1.5800e-003	1.0000e-005	5.8300e-003	4.0000e-005	5.8700e-003	6.5000e-004	4.0000e-005	6.9000e-004	0.0000	0.7794	0.7794	0.0000	0.0000	0.7795
Worker	4.0000e-004	6.0000e-004	6.2600e-003	2.0000e-005	1.6100e-003	1.0000e-005	1.6200e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.2898	1.2898	6.0000e-005	0.0000	1.2911
Total	5.8000e-004	2.4500e-003	7.8400e-003	3.0000e-005	7.4400e-003	5.0000e-005	7.4900e-003	1.0800e-003	5.0000e-005	1.1300e-003	0.0000	2.0692	2.0692	6.0000e-005	0.0000	2.0706

3.37 D-Remove Existing Conductor & GW (11) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.5800e-003	0.2402	0.1717	2.8000e-004		6.3500e-003	6.3500e-003		6.3500e-003	6.3500e-003	0.0000	25.0006	25.0006	8.0900e-003	0.0000	25.1704
Total	8.5800e-003	0.2402	0.1717	2.8000e-004		6.3500e-003	6.3500e-003		6.3500e-003	6.3500e-003	0.0000	25.0006	25.0006	8.0900e-003	0.0000	25.1704

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	1.8500e-003	1.5800e-003	1.0000e-005	1.8700e-003	4.0000e-005	1.9100e-003	2.6000e-004	4.0000e-005	3.0000e-004	0.0000	0.7794	0.7794	0.0000	0.0000	0.7795
Worker	4.0000e-004	6.0000e-004	6.2600e-003	2.0000e-005	1.6100e-003	1.0000e-005	1.6200e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.2898	1.2898	6.0000e-005	0.0000	1.2911
Total	5.8000e-004	2.4500e-003	7.8400e-003	3.0000e-005	3.4800e-003	5.0000e-005	3.5300e-003	6.9000e-004	5.0000e-005	7.4000e-004	0.0000	2.0692	2.0692	6.0000e-005	0.0000	2.0706

3.38 D-LST Removal (12) - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.4400e-003	0.0440	0.0256	6.0000e-005		1.9600e-003	1.9600e-003		1.8500e-003	1.8500e-003	0.0000	5.6725	5.6725	1.5200e-003	0.0000	5.7044
Total	4.4400e-003	0.0440	0.0256	6.0000e-005		1.9600e-003	1.9600e-003		1.8500e-003	1.8500e-003	0.0000	5.6725	5.6725	1.5200e-003	0.0000	5.7044

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	4.8000e-004	5.5000e-004	0.0000	6.4000e-004	1.0000e-005	6.5000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.1418	0.1418	0.0000	0.0000	0.1418
Vendor	2.0000e-005	2.1000e-004	1.8000e-004	0.0000	6.5000e-004	0.0000	6.5000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.0866	0.0866	0.0000	0.0000	0.0866
Worker	6.0000e-005	9.0000e-005	9.1000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1881	0.1881	1.0000e-005	0.0000	0.1883
Total	1.2000e-004	7.8000e-004	1.6400e-003	0.0000	1.5300e-003	1.0000e-005	1.5400e-003	2.0000e-004	1.0000e-005	2.2000e-004	0.0000	0.4165	0.4165	1.0000e-005	0.0000	0.4167

3.38 D-LST Removal (12) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8000e-003	0.0524	0.0358	6.0000e-005		1.3800e-003	1.3800e-003		1.3800e-003	1.3800e-003	0.0000	5.6725	5.6725	1.5200e-003	0.0000	5.7044
Total	1.8000e-003	0.0524	0.0358	6.0000e-005		1.3800e-003	1.3800e-003		1.3800e-003	1.3800e-003	0.0000	5.6725	5.6725	1.5200e-003	0.0000	5.7044

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	4.8000e-004	5.5000e-004	0.0000	2.1000e-004	1.0000e-005	2.1000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.1418	0.1418	0.0000	0.0000	0.1418
Vendor	2.0000e-005	2.1000e-004	1.8000e-004	0.0000	2.1000e-004	0.0000	2.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0866	0.0866	0.0000	0.0000	0.0866
Worker	6.0000e-005	9.0000e-005	9.1000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1881	0.1881	1.0000e-005	0.0000	0.1883
Total	1.2000e-004	7.8000e-004	1.6400e-003	0.0000	6.6000e-004	1.0000e-005	6.6000e-004	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	0.4165	0.4165	1.0000e-005	0.0000	0.4167

3.39 D-LST Foundation Removal (13) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.7000e-003	0.0328	0.0311	6.0000e-005		1.7100e-003	1.7100e-003		1.6200e-003	1.6200e-003	0.0000	5.3361	5.3361	1.4100e-003	0.0000	5.3658
Total	3.7000e-003	0.0328	0.0311	6.0000e-005		1.7100e-003	1.7100e-003		1.6200e-003	1.6200e-003	0.0000	5.3361	5.3361	1.4100e-003	0.0000	5.3658

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	4.8000e-004	5.5000e-004	0.0000	6.4000e-004	1.0000e-005	6.5000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.1418	0.1418	0.0000	0.0000	0.1418
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	6.0000e-005	6.5000e-004	0.0000	1.7000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.1344	0.1344	1.0000e-005	0.0000	0.1345
Total	8.0000e-005	5.4000e-004	1.2000e-003	0.0000	8.1000e-004	1.0000e-005	8.2000e-004	1.1000e-004	1.0000e-005	1.3000e-004	0.0000	0.2761	0.2761	1.0000e-005	0.0000	0.2763

3.39 D-LST Foundation Removal (13) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.1100e-003	0.0506	0.0386	6.0000e-005		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	5.3361	5.3361	1.4100e-003	0.0000	5.3658
Total	2.1100e-003	0.0506	0.0386	6.0000e-005		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	5.3361	5.3361	1.4100e-003	0.0000	5.3658

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	4.8000e-004	5.5000e-004	0.0000	2.1000e-004	1.0000e-005	2.1000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.1418	0.1418	0.0000	0.0000	0.1418
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	6.0000e-005	6.5000e-004	0.0000	1.7000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.1344	0.1344	1.0000e-005	0.0000	0.1345
Total	8.0000e-005	5.4000e-004	1.2000e-003	0.0000	3.8000e-004	1.0000e-005	3.8000e-004	7.0000e-005	1.0000e-005	9.0000e-005	0.0000	0.2761	0.2761	1.0000e-005	0.0000	0.2763

3.40 C-Install LST Foundations (17) - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.6000e-003	0.0794	0.0494	1.5000e-004		3.1400e-003	3.1400e-003		2.9000e-003	2.9000e-003	0.0000	13.0198	13.0198	4.1400e-003	0.0000	13.1068
Total	7.6000e-003	0.0794	0.0494	1.5000e-004		3.1400e-003	3.1400e-003		2.9000e-003	2.9000e-003	0.0000	13.0198	13.0198	4.1400e-003	0.0000	13.1068

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2800e-003	0.0156	0.0178	5.0000e-005	0.0211	2.9000e-004	0.0213	2.3200e-003	2.6000e-004	2.5800e-003	0.0000	4.6306	4.6306	4.0000e-005	0.0000	4.6314
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	1.3000e-004	1.3900e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2866	0.2866	1.0000e-005	0.0000	0.2869
Total	1.3700e-003	0.0158	0.0192	5.0000e-005	0.0214	2.9000e-004	0.0217	2.4200e-003	2.6000e-004	2.6800e-003	0.0000	4.9172	4.9172	5.0000e-005	0.0000	4.9183

3.40 C-Install LST Foundations (17) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.9100e-003	0.1201	0.0806	1.5000e-004		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003	0.0000	13.0198	13.0198	4.1400e-003	0.0000	13.1067
Total	3.9100e-003	0.1201	0.0806	1.5000e-004		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003	0.0000	13.0198	13.0198	4.1400e-003	0.0000	13.1067

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2800e-003	0.0156	0.0178	5.0000e-005	6.7100e-003	2.9000e-004	6.9900e-003	8.9000e-004	2.6000e-004	1.1500e-003	0.0000	4.6306	4.6306	4.0000e-005	0.0000	4.6314
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	1.3000e-004	1.3900e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2866	0.2866	1.0000e-005	0.0000	0.2869
Total	1.3700e-003	0.0158	0.0192	5.0000e-005	7.0700e-003	2.9000e-004	7.3500e-003	9.9000e-004	2.6000e-004	1.2500e-003	0.0000	4.9172	4.9172	5.0000e-005	0.0000	4.9183

3.41 C-LST Steel Haul (18) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1100e-003	0.0105	7.1000e-003	2.0000e-005		4.8000e-004	4.8000e-004		4.4000e-004	4.4000e-004	0.0000	1.7113	1.7113	5.5000e-004	0.0000	1.7229
Total	1.1100e-003	0.0105	7.1000e-003	2.0000e-005		4.8000e-004	4.8000e-004		4.4000e-004	4.4000e-004	0.0000	1.7113	1.7113	5.5000e-004	0.0000	1.7229

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.4000e-004	1.2000e-004	0.0000	4.3000e-004	0.0000	4.3000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0577	0.0577	0.0000	0.0000	0.0577
Worker	1.0000e-005	2.0000e-005	2.2000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0448	0.0448	0.0000	0.0000	0.0448
Total	2.0000e-005	1.6000e-004	3.4000e-004	0.0000	4.9000e-004	0.0000	4.9000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.1025	0.1025	0.0000	0.0000	0.1026

3.41 C-LST Steel Haul (18) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.5000e-004	0.0157	0.0110	2.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	1.7113	1.7113	5.5000e-004	0.0000	1.7229
Total	5.5000e-004	0.0157	0.0110	2.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	1.7113	1.7113	5.5000e-004	0.0000	1.7229

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.4000e-004	1.2000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0577	0.0577	0.0000	0.0000	0.0577
Worker	1.0000e-005	2.0000e-005	2.2000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0448	0.0448	0.0000	0.0000	0.0448
Total	2.0000e-005	1.6000e-004	3.4000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	3.0000e-005	0.0000	4.0000e-005	0.0000	0.1025	0.1025	0.0000	0.0000	0.1026

3.42 C-LST Steel Assembly (19) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8200e-003	0.0485	0.0288	6.0000e-005		2.4300e-003	2.4300e-003		2.2900e-003	2.2900e-003	0.0000	5.1766	5.1766	1.3100e-003	0.0000	5.2041
Total	4.8200e-003	0.0485	0.0288	6.0000e-005		2.4300e-003	2.4300e-003		2.2900e-003	2.2900e-003	0.0000	5.1766	5.1766	1.3100e-003	0.0000	5.2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7000e-004	2.5000e-004	2.6100e-003	1.0000e-005	6.7000e-004	1.0000e-005	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5374	0.5374	3.0000e-005	0.0000	0.5380
Total	1.7000e-004	2.5000e-004	2.6100e-003	1.0000e-005	6.7000e-004	1.0000e-005	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5374	0.5374	3.0000e-005	0.0000	0.5380

3.42 C-LST Steel Assembly (19) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8500e-003	0.0502	0.0346	6.0000e-005		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003	0.0000	5.1766	5.1766	1.3100e-003	0.0000	5.2041
Total	1.8500e-003	0.0502	0.0346	6.0000e-005		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003	0.0000	5.1766	5.1766	1.3100e-003	0.0000	5.2041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7000e-004	2.5000e-004	2.6100e-003	1.0000e-005	6.7000e-004	1.0000e-005	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5374	0.5374	3.0000e-005	0.0000	0.5380
Total	1.7000e-004	2.5000e-004	2.6100e-003	1.0000e-005	6.7000e-004	1.0000e-005	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5374	0.5374	3.0000e-005	0.0000	0.5380

3.43 C-LST Erection (20) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0108	0.1051	0.0632	1.7000e-004		4.6300e-003	4.6300e-003		4.3600e-003	4.3600e-003	0.0000	14.5320	14.5320	3.9700e-003	0.0000	14.6153
Total	0.0108	0.1051	0.0632	1.7000e-004		4.6300e-003	4.6300e-003		4.3600e-003	4.3600e-003	0.0000	14.5320	14.5320	3.9700e-003	0.0000	14.6153

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	2.9000e-004	3.0400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.6270	0.6270	3.0000e-005	0.0000	0.6276
Total	2.0000e-004	2.9000e-004	3.0400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.6270	0.6270	3.0000e-005	0.0000	0.6276

3.43 C-LST Erection (20) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.5500e-003	0.1329	0.0912	1.7000e-004		3.4700e-003	3.4700e-003		3.4700e-003	3.4700e-003	0.0000	14.5320	14.5320	3.9700e-003	0.0000	14.6153
Total	4.5500e-003	0.1329	0.0912	1.7000e-004		3.4700e-003	3.4700e-003		3.4700e-003	3.4700e-003	0.0000	14.5320	14.5320	3.9700e-003	0.0000	14.6153

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	2.9000e-004	3.0400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.6270	0.6270	3.0000e-005	0.0000	0.6276
Total	2.0000e-004	2.9000e-004	3.0400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.6270	0.6270	3.0000e-005	0.0000	0.6276

3.44 D-Install/Transfer Conductor (25) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1161	1.2879	0.8078	1.5000e-003		0.0640	0.0640		0.0589	0.0589	0.0000	131.6099	131.6099	0.0426	0.0000	132.5037
Total	0.1161	1.2879	0.8078	1.5000e-003		0.0640	0.0640		0.0589	0.0589	0.0000	131.6099	131.6099	0.0426	0.0000	132.5037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9000e-004	3.0800e-003	2.6400e-003	2.0000e-005	9.7100e-003	7.0000e-005	9.7800e-003	1.0900e-003	6.0000e-005	1.1500e-003	0.0000	1.2990	1.2990	1.0000e-005	0.0000	1.2991
Worker	1.4200e-003	2.1300e-003	0.0222	7.0000e-005	5.7100e-003	4.0000e-005	5.7500e-003	1.5200e-003	4.0000e-005	1.5600e-003	0.0000	4.5681	4.5681	2.2000e-004	0.0000	4.5726
Total	1.7100e-003	5.2100e-003	0.0248	9.0000e-005	0.0154	1.1000e-004	0.0155	2.6100e-003	1.0000e-004	2.7100e-003	0.0000	5.8670	5.8670	2.3000e-004	0.0000	5.8717

3.44 D-Install/Transfer Conductor (25) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0518	1.3318	0.9773	1.5000e-003		0.0393	0.0393		0.0393	0.0393	0.0000	131.6097	131.6097	0.0426	0.0000	132.5036
Total	0.0518	1.3318	0.9773	1.5000e-003		0.0393	0.0393		0.0393	0.0393	0.0000	131.6097	131.6097	0.0426	0.0000	132.5036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9000e-004	3.0800e-003	2.6400e-003	2.0000e-005	3.1200e-003	7.0000e-005	3.1900e-003	4.3000e-004	6.0000e-005	4.9000e-004	0.0000	1.2990	1.2990	1.0000e-005	0.0000	1.2991
Worker	1.4200e-003	2.1300e-003	0.0222	7.0000e-005	5.7100e-003	4.0000e-005	5.7500e-003	1.5200e-003	4.0000e-005	1.5600e-003	0.0000	4.5681	4.5681	2.2000e-004	0.0000	4.5726
Total	1.7100e-003	5.2100e-003	0.0248	9.0000e-005	8.8300e-003	1.1000e-004	8.9400e-003	1.9500e-003	1.0000e-004	2.0500e-003	0.0000	5.8670	5.8670	2.3000e-004	0.0000	5.8717

3.45 C-Guard Structure Removal (28) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.5500e-003	0.0258	0.0155	4.0000e-005		1.1100e-003	1.1100e-003		1.0400e-003	1.0400e-003	0.0000	3.4598	3.4598	9.7000e-004	0.0000	3.4803
Total	2.5500e-003	0.0258	0.0155	4.0000e-005		1.1100e-003	1.1100e-003		1.0400e-003	1.0400e-003	0.0000	3.4598	3.4598	9.7000e-004	0.0000	3.4803

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.4000e-004	1.2000e-004	0.0000	4.3000e-004	0.0000	4.3000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0577	0.0577	0.0000	0.0000	0.0577
Worker	2.0000e-005	3.0000e-005	3.5000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0717	0.0717	0.0000	0.0000	0.0717
Total	3.0000e-005	1.7000e-004	4.7000e-004	0.0000	5.2000e-004	0.0000	5.2000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1294	0.1294	0.0000	0.0000	0.1295

3.45 C-Guard Structure Removal (28) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1100e-003	0.0322	0.0221	4.0000e-005		8.5000e-004	8.5000e-004		8.5000e-004	8.5000e-004	0.0000	3.4598	3.4598	9.7000e-004	0.0000	3.4803
Total	1.1100e-003	0.0322	0.0221	4.0000e-005		8.5000e-004	8.5000e-004		8.5000e-004	8.5000e-004	0.0000	3.4598	3.4598	9.7000e-004	0.0000	3.4803

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.4000e-004	1.2000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0577	0.0577	0.0000	0.0000	0.0577
Worker	2.0000e-005	3.0000e-005	3.5000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0717	0.0717	0.0000	0.0000	0.0717
Total	3.0000e-005	1.7000e-004	4.7000e-004	0.0000	2.3000e-004	0.0000	2.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1294	0.1294	0.0000	0.0000	0.1295

3.46 Restoration (33) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0183	0.1762	0.1200	2.7000e-004		8.2600e-003	8.2600e-003		7.6100e-003	7.6100e-003	0.0000	24.0491	24.0491	7.7100e-003	0.0000	24.2111
Total	0.0183	0.1762	0.1200	2.7000e-004	0.0000	8.2600e-003	8.2600e-003	0.0000	7.6100e-003	7.6100e-003	0.0000	24.0491	24.0491	7.7100e-003	0.0000	24.2111

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	3.8000e-004	3.2000e-004	0.0000	1.1900e-003	1.0000e-005	1.1900e-003	1.3000e-004	1.0000e-005	1.4000e-004	0.0000	0.1588	0.1588	0.0000	0.0000	0.1588
Worker	1.4000e-004	2.1000e-004	2.1500e-003	1.0000e-005	5.5000e-004	0.0000	5.6000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4434	0.4434	2.0000e-005	0.0000	0.4438
Total	1.8000e-004	5.9000e-004	2.4700e-003	1.0000e-005	1.7400e-003	1.0000e-005	1.7500e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.6021	0.6021	2.0000e-005	0.0000	0.6026

3.46 Restoration (33) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.1300e-003	0.2191	0.1632	2.7000e-004		5.9600e-003	5.9600e-003		5.9600e-003	5.9600e-003	0.0000	24.0491	24.0491	7.7100e-003	0.0000	24.2110
Total	8.1300e-003	0.2191	0.1632	2.7000e-004	0.0000	5.9600e-003	5.9600e-003	0.0000	5.9600e-003	5.9600e-003	0.0000	24.0491	24.0491	7.7100e-003	0.0000	24.2110

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	3.8000e-004	3.2000e-004	0.0000	3.8000e-004	1.0000e-005	3.9000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.1588	0.1588	0.0000	0.0000	0.1588
Worker	1.4000e-004	2.1000e-004	2.1500e-003	1.0000e-005	5.5000e-004	0.0000	5.6000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4434	0.4434	2.0000e-005	0.0000	0.4438
Total	1.8000e-004	5.9000e-004	2.4700e-003	1.0000e-005	9.3000e-004	1.0000e-005	9.5000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.6021	0.6021	2.0000e-005	0.0000	0.6026

3.47 Maintenance Crew Equipment Check Phase 3 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0247	0.2359	0.1422	4.9000e-004		8.6000e-003	8.6000e-003		7.9100e-003	7.9100e-003	0.0000	43.2816	43.2816	0.0140	0.0000	43.5755
Total	0.0247	0.2359	0.1422	4.9000e-004	0.0000	8.6000e-003	8.6000e-003	0.0000	7.9100e-003	7.9100e-003	0.0000	43.2816	43.2816	0.0140	0.0000	43.5755

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	4.2000e-004	4.3500e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.8957	0.8957	4.0000e-005	0.0000	0.8966
Total	2.8000e-004	4.2000e-004	4.3500e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.8957	0.8957	4.0000e-005	0.0000	0.8966

3.47 Maintenance Crew Equipment Check Phase 3 - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0121	0.3810	0.2614	4.9000e-004		8.8500e-003	8.8500e-003		8.8500e-003	8.8500e-003	0.0000	43.2815	43.2815	0.0140	0.0000	43.5755
Total	0.0121	0.3810	0.2614	4.9000e-004	0.0000	8.8500e-003	8.8500e-003	0.0000	8.8500e-003	8.8500e-003	0.0000	43.2815	43.2815	0.0140	0.0000	43.5755

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	4.2000e-004	4.3500e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.8957	0.8957	4.0000e-005	0.0000	0.8966
Total	2.8000e-004	4.2000e-004	4.3500e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.8957	0.8957	4.0000e-005	0.0000	0.8966

3.47 Maintenance Crew Equipment Check Phase 3 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0582	0.5057	0.3463	1.2700e-003		0.0186	0.0186		0.0171	0.0171	0.0000	111.4414	111.4414	0.0360	0.0000	112.1983
Total	0.0582	0.5057	0.3463	1.2700e-003	0.0000	0.0186	0.0186	0.0000	0.0171	0.0171	0.0000	111.4414	111.4414	0.0360	0.0000	112.1983

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	1.0100e-003	0.0105	4.0000e-005	2.8800e-003	2.0000e-005	2.9100e-003	7.7000e-004	2.0000e-005	7.9000e-004	0.0000	2.2707	2.2707	1.1000e-004	0.0000	2.2729
Total	6.8000e-004	1.0100e-003	0.0105	4.0000e-005	2.8800e-003	2.0000e-005	2.9100e-003	7.7000e-004	2.0000e-005	7.9000e-004	0.0000	2.2707	2.2707	1.1000e-004	0.0000	2.2729

3.47 Maintenance Crew Equipment Check Phase 3 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0311	0.9811	0.6731	1.2700e-003		0.0228	0.0228		0.0228	0.0228	0.0000	111.4413	111.4413	0.0360	0.0000	112.1982
Total	0.0311	0.9811	0.6731	1.2700e-003	0.0000	0.0228	0.0228	0.0000	0.0228	0.0228	0.0000	111.4413	111.4413	0.0360	0.0000	112.1982

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	1.0100e-003	0.0105	4.0000e-005	2.8800e-003	2.0000e-005	2.9100e-003	7.7000e-004	2.0000e-005	7.9000e-004	0.0000	2.2707	2.2707	1.1000e-004	0.0000	2.2729
Total	6.8000e-004	1.0100e-003	0.0105	4.0000e-005	2.8800e-003	2.0000e-005	2.9100e-003	7.7000e-004	2.0000e-005	7.9000e-004	0.0000	2.2707	2.2707	1.1000e-004	0.0000	2.2729

3.48 B-Guard Structure Removal (28) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8200e-003	0.0387	0.0233	6.0000e-005		1.6600e-003	1.6600e-003		1.5600e-003	1.5600e-003	0.0000	5.1898	5.1898	1.4600e-003	0.0000	5.2204
Total	3.8200e-003	0.0387	0.0233	6.0000e-005		1.6600e-003	1.6600e-003		1.5600e-003	1.5600e-003	0.0000	5.1898	5.1898	1.4600e-003	0.0000	5.2204

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	2.1000e-004	1.8000e-004	0.0000	6.5000e-004	0.0000	6.5000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.0866	0.0866	0.0000	0.0000	0.0866
Worker	7.0000e-005	1.0000e-004	1.0400e-003	0.0000	2.7000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2150	0.2150	1.0000e-005	0.0000	0.2152
Total	9.0000e-005	3.1000e-004	1.2200e-003	0.0000	9.2000e-004	0.0000	9.2000e-004	1.4000e-004	0.0000	1.5000e-004	0.0000	0.3016	0.3016	1.0000e-005	0.0000	0.3018

3.48 B-Guard Structure Removal (28) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6700e-003	0.0483	0.0331	6.0000e-005		1.2800e-003	1.2800e-003		1.2800e-003	1.2800e-003	0.0000	5.1898	5.1898	1.4600e-003	0.0000	5.2204
Total	1.6700e-003	0.0483	0.0331	6.0000e-005		1.2800e-003	1.2800e-003		1.2800e-003	1.2800e-003	0.0000	5.1898	5.1898	1.4600e-003	0.0000	5.2204

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	2.1000e-004	1.8000e-004	0.0000	2.1000e-004	0.0000	2.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0866	0.0866	0.0000	0.0000	0.0866
Worker	7.0000e-005	1.0000e-004	1.0400e-003	0.0000	2.7000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2150	0.2150	1.0000e-005	0.0000	0.2152
Total	9.0000e-005	3.1000e-004	1.2200e-003	0.0000	4.8000e-004	0.0000	4.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3016	0.3016	1.0000e-005	0.0000	0.3018

3.49 Asphaltting & Fencing Phase 3 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0415	0.4213	0.3930	5.7000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	50.0162	50.0162	0.0160	0.0000	50.3528
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0415	0.4213	0.3930	5.7000e-004		0.0245	0.0245		0.0225	0.0225	0.0000	50.0162	50.0162	0.0160	0.0000	50.3528

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.7000e-003	0.0818	0.0933	2.8000e-004	0.2520	1.5000e-003	0.2535	0.0272	1.3800e-003	0.0286	0.0000	24.2225	24.2225	1.9000e-004	0.0000	24.2266
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5800e-003	2.3600e-003	0.0246	8.0000e-005	6.3300e-003	5.0000e-005	6.3800e-003	1.6800e-003	5.0000e-005	1.7300e-003	0.0000	5.0652	5.0652	2.4000e-004	0.0000	5.0703
Total	8.2800e-003	0.0842	0.1179	3.6000e-004	0.2583	1.5500e-003	0.2599	0.0289	1.4300e-003	0.0303	0.0000	29.2877	29.2877	4.3000e-004	0.0000	29.2968

3.49 Asphaltting & Fencing Phase 3 - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0243	0.5154	0.4256	5.7000e-004		0.0187	0.0187		0.0187	0.0187	0.0000	50.0161	50.0161	0.0160	0.0000	50.3527
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0243	0.5154	0.4256	5.7000e-004		0.0187	0.0187		0.0187	0.0187	0.0000	50.0161	50.0161	0.0160	0.0000	50.3527

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.7000e-003	0.0818	0.0933	2.8000e-004	0.0788	1.5000e-003	0.0803	9.9400e-003	1.3800e-003	0.0113	0.0000	24.2225	24.2225	1.9000e-004	0.0000	24.2266
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5800e-003	2.3600e-003	0.0246	8.0000e-005	6.3300e-003	5.0000e-005	6.3800e-003	1.6800e-003	5.0000e-005	1.7300e-003	0.0000	5.0652	5.0652	2.4000e-004	0.0000	5.0703
Total	8.2800e-003	0.0842	0.1179	3.6000e-004	0.0852	1.5500e-003	0.0867	0.0116	1.4300e-003	0.0131	0.0000	29.2877	29.2877	4.3000e-004	0.0000	29.2968

3.49 Asphaltting & Fencing Phase 3 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0485	0.4915	0.5097	7.5000e-004		0.0276	0.0276		0.0254	0.0254	0.0000	65.4008	65.4008	0.0210	0.0000	65.8409
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0485	0.4915	0.5097	7.5000e-004		0.0276	0.0276		0.0254	0.0254	0.0000	65.4008	65.4008	0.0210	0.0000	65.8409

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.6700e-003	0.0939	0.1208	3.7000e-004	0.2525	1.9400e-003	0.2544	0.0274	1.7900e-003	0.0292	0.0000	31.6641	31.6641	2.6000e-004	0.0000	31.6695
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	2.8900e-003	0.0302	1.0000e-004	8.2800e-003	6.0000e-005	8.3400e-003	2.2000e-003	6.0000e-005	2.2600e-003	0.0000	6.5210	6.5210	3.0000e-004	0.0000	6.5274
Total	0.0106	0.0968	0.1510	4.7000e-004	0.2608	2.0000e-003	0.2628	0.0296	1.8500e-003	0.0315	0.0000	38.1851	38.1851	5.6000e-004	0.0000	38.1969

3.49 Asphaltting & Fencing Phase 3 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0318	0.6740	0.5566	7.5000e-004		0.0244	0.0244		0.0244	0.0244	0.0000	65.4007	65.4007	0.0210	0.0000	65.8408
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0318	0.6740	0.5566	7.5000e-004		0.0244	0.0244		0.0244	0.0244	0.0000	65.4007	65.4007	0.0210	0.0000	65.8408

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.6700e-003	0.0939	0.1208	3.7000e-004	0.0793	1.9400e-003	0.0813	0.0101	1.7900e-003	0.0119	0.0000	31.6641	31.6641	2.6000e-004	0.0000	31.6695
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	2.8900e-003	0.0302	1.0000e-004	8.2800e-003	6.0000e-005	8.3400e-003	2.2000e-003	6.0000e-005	2.2600e-003	0.0000	6.5210	6.5210	3.0000e-004	0.0000	6.5274
Total	0.0106	0.0968	0.1510	4.7000e-004	0.0876	2.0000e-003	0.0896	0.0123	1.8500e-003	0.0142	0.0000	38.1851	38.1851	5.6000e-004	0.0000	38.1969

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

4.2 Trip Summary Information

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

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507717	0.059700	0.181648	0.140055	0.042936	0.006749	0.016265	0.033349	0.001955	0.002502	0.004345	0.000573	0.002206

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

6.0 Area Detail

6.1 Mitigation Measures Area

6.2 Area by SubCategory

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Mesa 500 kV Substation Project
South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Equipment list and construction schedule provided by SCE.

Land Use -

Construction Phase - Construction schedule provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

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 Off-road Equipment - Equipment list provided by SCE
 Off-road Equipment - Equipment list provided by SCE
 Off-road Equipment - Equipment list provided by SCE

Trips and VMT - Equipment list and schedule provided by SCE. All trips assumed to be 15 miles total.

On-road Fugitive Dust - Assume worker trips to be 100% paved, the remaining trips assumed to be 99% paved.

Grading - Quantities based on Chapter 3 - Project Description

Road Dust -

Energy Use -

Construction Off-road Equipment Mitigation - Mitigation requirements taken from Chapter 3 - Project Description

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	56.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	29.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	64.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	36.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
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tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	47.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	107.00
tblConstructionPhase	NumDays	0.00	103.00
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tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	3.00
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tblConstructionPhase	NumDays	0.00	4.00
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tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	3.00

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tblConstructionPhase	NumDays	0.00	611.00
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tblConstructionPhase	NumDays	0.00	47.00
tblConstructionPhase	NumDays	0.00	899.00
tblConstructionPhase	NumDays	0.00	131.00
tblConstructionPhase	NumDays	0.00	11.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblConstructionPhase	PhaseEndDate	7/7/2018	6/28/2018
tblConstructionPhase	PhaseEndDate	7/23/2018	7/20/2018
tblConstructionPhase	PhaseEndDate	9/13/2018	8/24/2018
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tblConstructionPhase	PhaseEndDate	11/21/2018	7/25/2018
tblConstructionPhase	PhaseEndDate	7/27/2018	7/30/2018
tblConstructionPhase	PhaseEndDate	11/17/2018	11/16/2018
tblConstructionPhase	PhaseEndDate	11/19/2018	8/1/2018
tblConstructionPhase	PhaseEndDate	8/4/2018	8/3/2018

tblConstructionPhase	PhaseEndDate	11/19/2018	11/17/2018
tblConstructionPhase	PhaseEndDate	3/29/2019	1/11/2019
tblConstructionPhase	PhaseEndDate	7/1/2019	1/18/2019
tblConstructionPhase	PhaseEndDate	1/21/2019	1/19/2019
tblConstructionPhase	PhaseEndDate	1/21/2019	1/18/2019
tblConstructionPhase	PhaseEndDate	11/12/2020	11/13/2020
tblConstructionPhase	PhaseEndDate	2/10/2022	4/30/2021
tblConstructionPhase	PhaseEndDate	5/5/2021	9/4/2020
tblConstructionPhase	PhaseEndDate	9/15/2020	9/14/2020
tblConstructionPhase	PhaseEndDate	9/17/2020	9/16/2020
tblConstructionPhase	PhaseEndDate	9/19/2020	9/18/2020
tblConstructionPhase	PhaseEndDate	9/25/2020	9/24/2020
tblConstructionPhase	PhaseEndDate	9/30/2020	9/29/2020
tblConstructionPhase	PhaseEndDate	10/5/2020	10/1/2020
tblConstructionPhase	PhaseEndDate	11/5/2020	11/4/2020
tblConstructionPhase	PhaseEndDate	11/6/2020	11/16/2020
tblConstructionPhase	PhaseEndDate	5/4/2021	11/19/2020
tblConstructionPhase	PhaseEndDate	12/14/2022	12/31/2020
tblConstructionPhase	PhaseEndDate	1/2/2024	12/31/2020
tblConstructionPhase	PhaseEndDate	7/30/2018	7/27/2018
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tblConstructionPhase	PhaseEndDate	9/3/2019	12/13/2019
tblConstructionPhase	PhaseEndDate	5/14/2020	12/13/2019
tblConstructionPhase	PhaseEndDate	3/4/2021	3/1/2021
tblConstructionPhase	PhaseEndDate	1/30/2021	1/30/2018
tblConstructionPhase	PhaseEndDate	10/27/2022	11/13/2020
tblConstructionPhase	PhaseEndDate	3/7/2019	1/11/2019
tblConstructionPhase	PhaseEndDate	9/28/2023	11/13/2020

tblConstructionPhase	PhaseEndDate	4/15/2021	6/1/2018
tblConstructionPhase	PhaseEndDate	11/28/2020	11/27/2020
tblConstructionPhase	PhaseEndDate	5/13/2021	4/30/2021
tblConstructionPhase	PhaseEndDate	11/1/2018	6/1/2018
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tblConstructionPhase	PhaseStartDate	7/28/2018	6/4/2018
tblConstructionPhase	PhaseStartDate	7/3/2018	6/23/2018
tblConstructionPhase	PhaseStartDate	6/29/2018	6/27/2018
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tblConstructionPhase	PhaseStartDate	11/17/2018	7/21/2018
tblConstructionPhase	PhaseStartDate	7/26/2018	7/28/2018
tblConstructionPhase	PhaseStartDate	7/31/2018	7/30/2018
tblConstructionPhase	PhaseStartDate	11/17/2018	7/31/2018
tblConstructionPhase	PhaseStartDate	8/2/2018	8/1/2018
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tblConstructionPhase	PhaseStartDate	11/18/2018	9/2/2018
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tblConstructionPhase	PhaseStartDate	1/19/2019	1/18/2019
tblConstructionPhase	PhaseStartDate	1/20/2019	1/18/2019
tblConstructionPhase	PhaseStartDate	12/14/2019	12/16/2019
tblConstructionPhase	PhaseStartDate	11/14/2020	2/3/2020
tblConstructionPhase	PhaseStartDate	5/1/2021	9/1/2020
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tblConstructionPhase	PhaseStartDate	9/17/2020	9/16/2020

tblConstructionPhase	PhaseStartDate	9/24/2020	9/23/2020
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tblConstructionPhase	PhaseStartDate	11/5/2020	11/14/2020
tblConstructionPhase	PhaseStartDate	5/1/2021	11/17/2020
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tblConstructionPhase	PhaseStartDate	1/1/2021	1/1/2018
tblConstructionPhase	PhaseStartDate	6/6/2018	6/4/2018
tblConstructionPhase	PhaseStartDate	1/12/2019	1/14/2019
tblConstructionPhase	PhaseStartDate	1/24/2019	5/6/2019
tblConstructionPhase	PhaseStartDate	6/2/2018	1/1/2018
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tblConstructionPhase	PhaseStartDate	11/28/2020	11/16/2020
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tblGrading	AcresOfGrading	2,291.25	0.00
tblGrading	AcresOfGrading	9.63	0.00
tblGrading	MaterialExported	0.00	8,929.00
tblGrading	MaterialExported	0.00	36,286.00
tblGrading	MaterialImported	0.00	9,860.00

tblGrading	MaterialImported	0.00	40,070.00
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tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	53.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	34.00
tblTripsAndVMT	WorkerTripNumber	0.00	13.00
tblTripsAndVMT	WorkerTripNumber	5.00	3.00
tblTripsAndVMT	WorkerTripNumber	93.00	75.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	14.00
tblTripsAndVMT	WorkerTripNumber	8.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	19.00
tblTripsAndVMT	WorkerTripNumber	0.00	83.00
tblTripsAndVMT	WorkerTripNumber	0.00	13.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	32.00
tblTripsAndVMT	WorkerTripNumber	0.00	14.00
tblTripsAndVMT	WorkerTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	13.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	24.00
tblTripsAndVMT	WorkerTripNumber	0.00	28.00

tblTripsAndVMT	WorkerVehicleClass	LD_Mix
tblTripsAndVMT	WorkerVehicleClass	LD_Mix

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	44.8706	490.2987	322.6707	0.6975	39.1493	22.1341	61.2833	4.6932	20.4397	25.1329	0.0000	69,072.76 28	69,072.76 28	17.9022	0.0000	69,448.70 79
2019	44.1108	479.1064	349.0595	0.7526	36.2825	21.1540	57.4366	4.3244	19.4790	23.8034	0.0000	73,571.78 55	73,571.78 55	20.2373	0.0000	73,996.76 86
2020	18.0005	188.3031	139.9321	0.2813	15.8368	8.9929	20.6416	1.8725	8.3346	9.0400	0.0000	26,517.80 05	26,517.80 05	7.4467	0.0000	26,674.18 17
2021	3.4899	32.7579	32.8652	0.0753	11.3165	1.5229	12.8394	1.3061	1.4020	2.7080	0.0000	7,063.020 8	7,063.020 8	1.7097	0.0000	7,098.924 5
Total	110.4719	1,190.466 2	844.5275	1.8068	102.5851	53.8038	152.2009	12.1961	49.6552	60.6843	0.0000	176,225.3 696	176,225.3 696	47.2959	0.0000	177,218.5 828

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Survey	Site Preparation	1/1/2018	12/13/2019	6	611	
2	Survey (1)	Site Preparation	1/1/2018	11/13/2020	6	899	
3	Construction and Materials Yard (2)	Site Preparation	1/1/2018	11/13/2020	6	899	
4	Testing Phase 1	Site Preparation	1/1/2018	6/1/2018	6	131	
5	Maintenance Crew Equipment Check Phase 1	Site Preparation	1/1/2018	6/1/2018	6	131	
6	Civil Installation	Grading	1/1/2018	12/13/2019	6	611	
7	Fiber Optic Cable Installation	Building Construction	1/1/2018	12/31/2020	6	940	
8	Splicing & Testing	Building Construction	1/1/2018	12/31/2020	6	940	
9	Asphalting Phase 1	Paving	1/1/2018	1/30/2018	6	26	
10	B-Install LST Foundations (17)	Building Construction	5/17/2018	6/5/2018	6	17	
11	Civil Demo / Grading Phase 2	Grading	6/4/2018	7/27/2018	6	47	
12	Electrical Demo Phase 2	Building Construction	6/4/2018	7/2/2018	6	25	
13	B-LST Steel Haul (18)	Building Construction	6/23/2018	6/28/2018	6	5	
14	B-LST Steel Assembly (19)	Building Construction	6/27/2018	7/20/2018	6	21	
15	Civil Installation Phase 2	Building Construction	7/2/2018	8/24/2018	6	47	
16	B-LST Erection (20)	Building Construction	7/11/2018	8/3/2018	6	21	
17	Wiring Phase 1	Building Construction	7/16/2018	11/16/2018	6	107	
18	Electrical Phase 1	Building Construction	7/20/2018	11/16/2018	6	103	
19	C-Install TSP Foundations (21)	Building Construction	7/21/2018	7/25/2018	6	4	
20	C-TSP Haul (22)	Building Construction	7/28/2018	7/30/2018	6	2	
21	Electrical Phase 2	Building Construction	7/30/2018	11/16/2018	6	95	
22	C-TSP Assembly (23)	Building Construction	7/31/2018	8/1/2018	6	2	

23	C-TSP Erection (24)	Building Construction	8/1/2018	8/3/2018	6	3
24	C-Install/Transfer Conductor (25)	Building Construction	8/3/2018	11/17/2018	6	92
25	Testing Phase 2	Building Construction	9/2/2018	1/11/2019	6	113
26	Maintenance Crew Equipment Check Phase 2	Site Preparation	11/19/2018	1/11/2019	6	47
27	Civil Demo / Grading Phase 3	Grading	1/14/2019	6/28/2019	6	143
28	B-Shoo-fly Pole Haul (7)	Building Construction	1/17/2019	1/18/2019	6	2
29	B-Install Shoo-fly Pole (9)	Building Construction	1/18/2019	1/19/2019	6	2
30	B-Shoo-fly Pole Assembly (8)	Building Construction	1/18/2019	1/18/2019	6	1
31	B-Install Shoo-fly Conductor (10)	Building Construction	1/19/2019	1/23/2019	6	4
32	Civil Installation Phase 3	Grading	5/6/2019	12/13/2019	6	191
33	Electrical Phase 3 (Including Wiring)	Building Construction	12/16/2019	11/13/2020	6	287
34	Testing Phase 3	Building Construction	2/3/2020	4/30/2021	6	389
35	C-Guard Structure Installation (6)	Building Construction	9/1/2020	9/4/2020	6	4
36	D-Remove Existing Conductor & GW (11)	Building Construction	9/4/2020	9/14/2020	6	9
37	D-LST Removal (12)	Building Construction	9/14/2020	9/16/2020	6	3
38	D-LST Foundation Removal (13)	Building Construction	9/16/2020	9/18/2020	6	3
39	C-Install LST Foundations (17)	Building Construction	9/19/2020	9/23/2020	6	4
40	C-LST Steel Haul (18)	Building Construction	9/23/2020	9/24/2020	6	2
41	C-LST Steel Assembly (19)	Building Construction	9/24/2020	9/29/2020	6	5
42	C-LST Erection (20)	Building Construction	9/26/2020	10/1/2020	6	5
43	D-Install/Transfer Conductor (25)	Building Construction	10/1/2020	11/4/2020	6	30
44	C-Guard Structure Removal (28)	Building Construction	11/14/2020	11/16/2020	6	2
45	Restoration (33)	Site Preparation	11/16/2020	11/27/2020	6	11
46	Maintenance Crew Equipment Check Phase 3	Site Preparation	11/16/2020	4/30/2021	6	143
47	B-Guard Structure Removal (28)	Building Construction	11/17/2020	11/19/2020	6	3
48	Asphalting & Fencing Phase 3	Paving	11/17/2020	3/1/2021	6	90

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Survey	Graders	0	0.00	174	0.41
Survey	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Survey (1)	Graders	0	0.00	174	0.41
Survey (1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Construction and Materials Yard (2)	Cranes	1	5.00	226	0.29
Construction and Materials Yard (2)	Forklifts	1	5.00	89	0.20
Construction and Materials Yard (2)	Graders	0	0.00	174	0.41
Construction and Materials Yard (2)	Other Construction Equipment	1	10.00	171	0.42
Construction and Materials Yard (2)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Testing Phase 1	Graders	0	0.00	174	0.41
Testing Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Maintenance Crew Equipment Check Phase 1	Graders	0	0.00	174	0.41
Maintenance Crew Equipment Check Phase 1	Off-Highway Trucks	2	5.00	400	0.38
Maintenance Crew Equipment Check Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation	Air Compressors	1	10.00	78	0.48
Civil Installation	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Installation	Graders	2	10.00	174	0.41
Civil Installation	Off-Highway Trucks	2	10.00	400	0.38
Civil Installation	Rubber Tired Dozers	0	0.00	255	0.40

Civil Installation	Scrapers	2	10.00	361	0.48
Civil Installation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Fiber Optic Cable Installation	Aerial Lifts	2	10.00	62	0.31
Fiber Optic Cable Installation	Cranes	0	0.00	226	0.29
Fiber Optic Cable Installation	Forklifts	0	0.00	89	0.20
Fiber Optic Cable Installation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Splicing & Testing	Cranes	0	0.00	226	0.29
Splicing & Testing	Forklifts	0	0.00	89	0.20
Splicing & Testing	Other General Industrial Equipment	2	10.00	87	0.34
Splicing & Testing	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting Phase 1	Cement and Mortar Mixers	0	0.00	9	0.56
Asphalting Phase 1	Other Construction Equipment	1	3.00	171	0.42
Asphalting Phase 1	Pavers	0	0.00	125	0.42
Asphalting Phase 1	Pavers	1	10.00	125	0.42
Asphalting Phase 1	Rollers	0	0.00	80	0.38
Asphalting Phase 1	Rollers	2	5.00	80	0.38
Asphalting Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting Phase 1	Tractors/Loaders/Backhoes	1	3.00	97	0.37
B-Install LST Foundations (17)	Bore/Drill Rigs	2	10.00	205	0.50
B-Install LST Foundations (17)	Cement and Mortar Mixers	4	7.00	9	0.56
B-Install LST Foundations (17)	Cranes	0	0.00	226	0.29
B-Install LST Foundations (17)	Cranes	2	7.00	226	0.29
B-Install LST Foundations (17)	Forklifts	0	0.00	89	0.20
B-Install LST Foundations (17)	Off-Highway Trucks	2	10.00	400	0.38
B-Install LST Foundations (17)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install LST Foundations (17)	Tractors/Loaders/Backhoes	2	10.00	97	0.37

Civil Demo / Grading Phase 2	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Demo / Grading Phase 2	Crawler Tractors	2	10.00	208	0.43
Civil Demo / Grading Phase 2	Excavators	2	10.00	162	0.38
Civil Demo / Grading Phase 2	Forklifts	2	6.00	89	0.20
Civil Demo / Grading Phase 2	Graders	1	10.00	174	0.41
Civil Demo / Grading Phase 2	Off-Highway Trucks	2	10.00	400	0.38
Civil Demo / Grading Phase 2	Off-Highway Trucks	3	10.00	400	0.38
Civil Demo / Grading Phase 2	Rubber Tired Dozers	0	0.00	255	0.40
Civil Demo / Grading Phase 2	Scrapers	2	10.00	361	0.48
Civil Demo / Grading Phase 2	Skid Steer Loaders	2	10.00	64	0.37
Civil Demo / Grading Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Demo / Grading Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Demo / Grading Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Demo / Grading Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Electrical Demo Phase 2	Aerial Lifts	2	6.00	62	0.31
Electrical Demo Phase 2	Aerial Lifts	3	6.00	62	0.31
Electrical Demo Phase 2	Cranes	0	0.00	226	0.29
Electrical Demo Phase 2	Cranes	1	6.00	226	0.29
Electrical Demo Phase 2	Cranes	1	6.00	226	0.29
Electrical Demo Phase 2	Forklifts	0	0.00	89	0.20
Electrical Demo Phase 2	Forklifts	2	6.00	89	0.20
Electrical Demo Phase 2	Other Construction Equipment	2	5.00	171	0.42
Electrical Demo Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-LST Steel Haul (18)	Cranes	0	0.00	226	0.29
B-LST Steel Haul (18)	Forklifts	0	0.00	89	0.20
B-LST Steel Haul (18)	Forklifts	2	8.00	89	0.20
B-LST Steel Haul (18)	Off-Highway Trucks	1	10.00	400	0.38
B-LST Steel Haul (18)	Tractors/Loaders/Backhoes	0	0.00	97	0.37

B-LST Steel Assembly (19)	Air Compressors	2	7.00	78	0.48
B-LST Steel Assembly (19)	Cranes	0	0.00	226	0.29
B-LST Steel Assembly (19)	Cranes	2	10.00	226	0.29
B-LST Steel Assembly (19)	Forklifts	0	0.00	89	0.20
B-LST Steel Assembly (19)	Forklifts	2	7.00	89	0.20
B-LST Steel Assembly (19)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation Phase 2	Bore/Drill Rigs	2	10.00	205	0.50
Civil Installation Phase 2	Cranes	0	0.00	226	0.29
Civil Installation Phase 2	Excavators	2	10.00	162	0.38
Civil Installation Phase 2	Forklifts	0	0.00	89	0.20
Civil Installation Phase 2	Forklifts	2	5.00	89	0.20
Civil Installation Phase 2	Off-Highway Trucks	1	10.00	171	0.42
Civil Installation Phase 2	Other Construction Equipment	1	5.00	171	0.42
Civil Installation Phase 2	Skid Steer Loaders	2	10.00	64	0.37
Civil Installation Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
B-LST Erection (20)	Air Compressors	4	7.00	78	0.48
B-LST Erection (20)	Cranes	0	0.00	226	0.29
B-LST Erection (20)	Cranes	2	7.00	226	0.29
B-LST Erection (20)	Cranes	2	7.00	226	0.29
B-LST Erection (20)	Forklifts	0	0.00	89	0.20
B-LST Erection (20)	Off-Highway Trucks	2	10.00	400	0.38
B-LST Erection (20)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Wiring Phase 1	Aerial Lifts	3	5.00	62	0.31
Wiring Phase 1	Cranes	0	0.00	226	0.29
Wiring Phase 1	Forklifts	0	0.00	89	0.20
Wiring Phase 1	Forklifts	3	3.00	89	0.20

Wiring Phase 1	Other Construction Equipment	2	3.00	171	0.42
Wiring Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Electrical Phase 1	Aerial Lifts	11	4.00	62	0.31
Electrical Phase 1	Cranes	2	5.00	226	0.29
Electrical Phase 1	Cranes	1	10.00	226	0.29
Electrical Phase 1	Cranes	2	8.00	226	0.29
Electrical Phase 1	Forklifts	0	0.00	89	0.20
Electrical Phase 1	Forklifts	3	6.00	89	0.20
Electrical Phase 1	Other Construction Equipment	2	3.00	171	0.42
Electrical Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install TSP Foundations (21)	Bore/Drill Rigs	2	10.00	205	0.50
C-Install TSP Foundations (21)	Cranes	0	0.00	226	0.29
C-Install TSP Foundations (21)	Cranes	2	7.00	226	0.29
C-Install TSP Foundations (21)	Forklifts	0	0.00	89	0.20
C-Install TSP Foundations (21)	Off-Highway Trucks	2	10.00	400	0.38
C-Install TSP Foundations (21)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install TSP Foundations (21)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
C-TSP Haul (22)	Cranes	0	0.00	226	0.29
C-TSP Haul (22)	Cranes	2	8.00	226	0.29
C-TSP Haul (22)	Forklifts	0	0.00	89	0.20
C-TSP Haul (22)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Haul (22)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Electrical Phase 2	Aerial Lifts	8	10.00	62	0.31
Electrical Phase 2	Cranes	1	6.00	226	0.29
Electrical Phase 2	Cranes	2	10.00	226	0.29
Electrical Phase 2	Forklifts	0	0.00	89	0.20
Electrical Phase 2	Forklifts	3	6.00	89	0.20
Electrical Phase 2	Other Construction Equipment	2	10.00	171	0.42

Electrical Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-TSP Assembly (23)	Air Compressors	2	6.00	78	0.48
C-TSP Assembly (23)	Cranes	0	0.00	226	0.29
C-TSP Assembly (23)	Cranes	2	7.00	226	0.29
C-TSP Assembly (23)	Forklifts	0	0.00	89	0.20
C-TSP Assembly (23)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Assembly (23)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-TSP Erection (24)	Air Compressors	2	6.00	78	0.48
C-TSP Erection (24)	Cranes	0	0.00	226	0.29
C-TSP Erection (24)	Cranes	2	7.00	226	0.29
C-TSP Erection (24)	Forklifts	0	0.00	89	0.20
C-TSP Erection (24)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Erection (24)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
C-Install/Transfer Conductor (25)	Cranes	0	0.00	226	0.29
C-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
C-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
C-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
C-Install/Transfer Conductor (25)	Forklifts	0	0.00	89	0.20
C-Install/Transfer Conductor (25)	Off-Highway Trucks	1	10.00	400	0.38
C-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
C-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
C-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
C-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	87	0.34
C-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Testing Phase 2	Cranes	0	0.00	226	0.29
Testing Phase 2	Forklifts	0	0.00	89	0.20

Testing Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Maintenance Crew Equipment Check Phase 2	Graders	0	0.00	174	0.41
Maintenance Crew Equipment Check Phase 2	Off-Highway Trucks	2	5.00	400	0.38
Maintenance Crew Equipment Check Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Demo / Grading Phase 3	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Demo / Grading Phase 3	Crawler Tractors	3	10.00	208	0.43
Civil Demo / Grading Phase 3	Excavators	3	10.00	162	0.38
Civil Demo / Grading Phase 3	Forklifts	4	10.00	89	0.20
Civil Demo / Grading Phase 3	Graders	2	10.00	174	0.41
Civil Demo / Grading Phase 3	Off-Highway Trucks	2	10.00	400	0.38
Civil Demo / Grading Phase 3	Off-Highway Trucks	4	10.00	400	0.38
Civil Demo / Grading Phase 3	Rubber Tired Dozers	0	0.00	255	0.40
Civil Demo / Grading Phase 3	Scrapers	6	10.00	361	0.48
Civil Demo / Grading Phase 3	Skid Steer Loaders	4	10.00	64	0.37
Civil Demo / Grading Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Demo / Grading Phase 3	Tractors/Loaders/Backhoes	4	10.00	97	0.37
Civil Demo / Grading Phase 3	Tractors/Loaders/Backhoes	3	10.00	97	0.37
Civil Demo / Grading Phase 3	Tractors/Loaders/Backhoes	2	10.00	97	0.37
B-Shoo-fly Pole Haul (7)	Cranes	0	0.00	226	0.29
B-Shoo-fly Pole Haul (7)	Cranes	2	8.00	226	0.29
B-Shoo-fly Pole Haul (7)	Forklifts	0	0.00	89	0.20
B-Shoo-fly Pole Haul (7)	Off-Highway Trucks	1	10.00	400	0.38
B-Shoo-fly Pole Haul (7)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install Shoo-fly Pole (9)	Aerial Lifts	2	10.00	62	0.31
B-Install Shoo-fly Pole (9)	Bore/Drill Rigs	2	8.00	205	0.50
B-Install Shoo-fly Pole (9)	Cranes	0	0.00	226	0.29
B-Install Shoo-fly Pole (9)	Cranes	2	7.00	226	0.29

B-Install Shoo-fly Pole (9)	Forklifts	0	0.00	89	0.20
B-Install Shoo-fly Pole (9)	Off-Highway Trucks	2	10.00	400	0.38
B-Install Shoo-fly Pole (9)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install Shoo-fly Pole (9)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
B-Shoo-fly Pole Assembly (8)	Air Compressors	1	10.00	78	0.48
B-Shoo-fly Pole Assembly (8)	Cranes	0	0.00	226	0.29
B-Shoo-fly Pole Assembly (8)	Cranes	1	10.00	226	0.29
B-Shoo-fly Pole Assembly (8)	Forklifts	0	0.00	89	0.20
B-Shoo-fly Pole Assembly (8)	Off-Highway Trucks	1	10.00	400	0.38
B-Shoo-fly Pole Assembly (8)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install Shoo-fly Conductor (10)	Air Compressors	1	10.00	78	0.48
B-Install Shoo-fly Conductor (10)	Cranes	0	0.00	226	0.29
B-Install Shoo-fly Conductor (10)	Cranes	1	10.00	226	0.29
B-Install Shoo-fly Conductor (10)	Forklifts	0	0.00	89	0.20
B-Install Shoo-fly Conductor (10)	Off-Highway Trucks	1	10.00	400	0.38
B-Install Shoo-fly Conductor (10)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation Phase 3	Bore/Drill Rigs	4	10.00	205	0.50
Civil Installation Phase 3	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Installation Phase 3	Excavators	4	10.00	162	0.38
Civil Installation Phase 3	Forklifts	3	5.00	89	0.20
Civil Installation Phase 3	Off-Highway Trucks	4	10.00	400	0.38
Civil Installation Phase 3	Other Construction Equipment	2	5.00	171	0.42
Civil Installation Phase 3	Rubber Tired Dozers	0	0.00	255	0.40
Civil Installation Phase 3	Skid Steer Loaders	6	10.00	64	0.37
Civil Installation Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation Phase 3	Tractors/Loaders/Backhoes	5	10.00	97	0.37
Civil Installation Phase 3	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Electrical Phase 3 (Including Wiring)	Aerial Lifts	11	10.00	62	0.31

Electrical Phase 3 (Including Wiring)	Cranes	2	6.00	226	0.29
Electrical Phase 3 (Including Wiring)	Cranes	1	10.00	226	0.29
Electrical Phase 3 (Including Wiring)	Forklifts	0	0.00	89	0.20
Electrical Phase 3 (Including Wiring)	Forklifts	4	7.00	89	0.20
Electrical Phase 3 (Including Wiring)	Generator Sets	1	10.00	84	0.74
Electrical Phase 3 (Including Wiring)	Other Construction Equipment	3	5.00	171	0.42
Electrical Phase 3 (Including Wiring)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Testing Phase 3	Cranes	0	0.00	226	0.29
Testing Phase 3	Forklifts	0	0.00	89	0.20
Testing Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Guard Structure Installation (6)	Aerial Lifts	2	5.00	62	0.31
C-Guard Structure Installation (6)	Air Compressors	2	7.00	78	0.48
C-Guard Structure Installation (6)	Bore/Drill Rigs	2	8.00	205	0.50
C-Guard Structure Installation (6)	Cranes	0	0.00	226	0.29
C-Guard Structure Installation (6)	Cranes	2	8.00	226	0.29
C-Guard Structure Installation (6)	Forklifts	0	0.00	89	0.20
C-Guard Structure Installation (6)	Off-Highway Trucks	2	10.00	400	0.38
C-Guard Structure Installation (6)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
D-Remove Existing Conductor & GW (11)	Cranes	0	0.00	226	0.29
D-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
D-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
D-Remove Existing Conductor & GW (11)	Forklifts	0	0.00	89	0.20
D-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38
D-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42
D-Remove Existing Conductor & GW (11)	Tractors/Loaders/Backhoes	0	0.00	97	0.37

D-LST Removal (12)	Air Compressors	2	10.00	78	0.48
D-LST Removal (12)	Cranes	2	5.00	226	0.29
D-LST Removal (12)	Cranes	2	7.00	226	0.29
D-LST Removal (12)	Forklifts	0	0.00	89	0.20
D-LST Removal (12)	Off-Highway Trucks	1	10.00	400	0.38
D-LST Removal (12)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-LST Foundation Removal (13)	Air Compressors	2	10.00	78	0.48
D-LST Foundation Removal (13)	Cranes	0	0.00	226	0.29
D-LST Foundation Removal (13)	Excavators	1	10.00	162	0.38
D-LST Foundation Removal (13)	Forklifts	0	0.00	89	0.20
D-LST Foundation Removal (13)	Off-Highway Trucks	1	10.00	400	0.38
D-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
C-Install LST Foundations (17)	Bore/Drill Rigs	2	10.00	205	0.50
C-Install LST Foundations (17)	Cement and Mortar Mixers	4	7.00	9	0.56
C-Install LST Foundations (17)	Cranes	0	0.00	226	0.29
C-Install LST Foundations (17)	Cranes	2	7.00	226	0.29
C-Install LST Foundations (17)	Forklifts	0	0.00	89	0.20
C-Install LST Foundations (17)	Off-Highway Trucks	2	10.00	400	0.38
C-Install LST Foundations (17)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install LST Foundations (17)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
C-LST Steel Haul (18)	Forklifts	2	8.00	89	0.20
C-LST Steel Haul (18)	Off-Highway Trucks	1	10.00	400	0.38
C-LST Steel Assembly (19)	Air Compressors	2	7.00	78	0.48
C-LST Steel Assembly (19)	Cranes	0	0.00	226	0.29
C-LST Steel Assembly (19)	Cranes	2	10.00	226	0.29
C-LST Steel Assembly (19)	Forklifts	0	0.00	89	0.20
C-LST Steel Assembly (19)	Forklifts	2	7.00	89	0.20

C-LST Steel Assembly (19)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-LST Erection (20)	Air Compressors	4	7.00	78	0.48
C-LST Erection (20)	Cranes	0	0.00	226	0.29
C-LST Erection (20)	Cranes	4	7.00	226	0.29
C-LST Erection (20)	Forklifts	0	0.00	89	0.20
C-LST Erection (20)	Off-Highway Trucks	2	10.00	400	0.38
C-LST Erection (20)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
D-Install/Transfer Conductor (25)	Cranes	0	0.00	226	0.29
D-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
D-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
D-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
D-Install/Transfer Conductor (25)	Forklifts	0	0.00	89	0.20
D-Install/Transfer Conductor (25)	Other Construction Equipment	1	10.00	171	0.42
D-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
D-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
D-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
D-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	87	0.34
D-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
C-Guard Structure Removal (28)	Aerial Lifts	2	5.00	62	0.31
C-Guard Structure Removal (28)	Air Compressors	2	7.00	78	0.48
C-Guard Structure Removal (28)	Cranes	2	10.00	226	0.29
C-Guard Structure Removal (28)	Off-Highway Trucks	1	10.00	400	0.38
Restoration (33)	Graders	0	0.00	174	0.41
Restoration (33)	Graders	2	7.00	174	0.41
Restoration (33)	Off-Highway Trucks	2	10.00	400	0.38
Restoration (33)	Plate Compactors	2	7.00	8	0.43

Restoration (33)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Restoration (33)	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Maintenance Crew Equipment Check Phase 3	Graders	0	0.00	174	0.41
Maintenance Crew Equipment Check Phase 3	Off-Highway Trucks	3	5.00	400	0.38
Maintenance Crew Equipment Check Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Guard Structure Removal (28)	Aerial Lifts	2	5.00	62	0.31
B-Guard Structure Removal (28)	Air Compressors	2	7.00	78	0.48
B-Guard Structure Removal (28)	Cranes	0	0.00	226	0.29
B-Guard Structure Removal (28)	Cranes	2	10.00	226	0.29
B-Guard Structure Removal (28)	Forklifts	0	0.00	89	0.20
B-Guard Structure Removal (28)	Off-Highway Trucks	1	10.00	400	0.38
B-Guard Structure Removal (28)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting & Fencing Phase 3	Cement and Mortar Mixers	1	6.00	9	0.56
Asphalting & Fencing Phase 3	Forklifts	1	6.00	89	0.20
Asphalting & Fencing Phase 3	Other Construction Equipment	1	10.00	171	0.42
Asphalting & Fencing Phase 3	Pavers	0	0.00	125	0.42
Asphalting & Fencing Phase 3	Pavers	1	10.00	125	0.42
Asphalting & Fencing Phase 3	Rollers	0	0.00	80	0.38
Asphalting & Fencing Phase 3	Rollers	2	10.00	80	0.38
Asphalting & Fencing Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting & Fencing Phase 3	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Asphalting & Fencing Phase 3	Tractors/Loaders/Backhoes	1	10.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Survey	0	3.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

B-Install LST Foundations (17)	12	16.00	0.00	784.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Demo / Grading Phase 2	22	14.00	0.00	4,894.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Electrical Demo Phase 2	11	23.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Steel Haul (18)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Steel Assembly (19)	6	24.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation Phase 2	14	20.00	0.00	1,625.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Erection (20)	10	28.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Wiring Phase 1	8	50.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Electrical Phase 1	21	53.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Install TSP Foundations (21)	8	16.00	0.00	46.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Survey (1)	0	6.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Haul (22)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Electrical Phase 2	16	53.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Assembly (23)	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Erection (24)	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Testing Phase 2	0	13.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Maintenance Crew Equipment Check Phase 3	2	3.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Demo / Grading Phase 3	37	75.00	0.00	15,107.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Shoo-fly Pole Haul (7)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install Shoo-fly Pole (9)	10	14.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Construction and Materials Yard (2)	3	5.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Shoo-fly Pole Assembly (8)	3	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install Shoo-fly Conductor (10)	3	19.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation Phase 3	30	75.00	0.00	6,599.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Electrical Phase 3 (Including Wiring)	22	83.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Testing Phase 3	0	13.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Guard Structure Installation (6)	10	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

D-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
D-LST Removal (12)	7	14.00	2.00	6.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
D-LST Foundation Removal (13)	6	10.00	0.00	6.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Install LST Foundations (17)	12	16.00	0.00	196.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Testing Phase 1	0	13.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-LST Steel Haul (18)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-LST Steel Assembly (19)	6	24.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-LST Erection (20)	10	28.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
D-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Guard Structure Removal (28)	7	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Restoration (33)	8	9.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Maintenance Crew Equipment Check Phase 1	3	5.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Guard Structure Removal (28)	7	16.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Asphalting & Fencing Phase 3	8	29.00	0.00	2,366.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Maintenance Crew Equipment Check Phase 2	2	5.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation	11	13.00	0.00	1,232.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fiber Optic Cable Installation	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splicing & Testing	2	7.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Asphalting Phase 1	5	19.00	0.00	717.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Survey - 2018**Unmitigated Construction On-Site**

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0102	0.0130	0.1630	4.3000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		33.7055	33.7055	1.6000e-003		33.7391
Total	0.0102	0.0130	0.1630	4.3000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		33.7055	33.7055	1.6000e-003		33.7391

3.2 Survey - 2018

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0102	0.0130	0.1630	4.3000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		33.7055	33.7055	1.6000e-003		33.7391
Total	0.0102	0.0130	0.1630	4.3000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		33.7055	33.7055	1.6000e-003		33.7391

3.2 Survey - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	9.3700e-003	0.0120	0.1498	4.3000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		32.4276	32.4276	1.5000e-003		32.4590
Total	9.3700e-003	0.0120	0.1498	4.3000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		32.4276	32.4276	1.5000e-003		32.4590

3.2 Survey - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	9.3700e-003	0.0120	0.1498	4.3000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		32.4276	32.4276	1.5000e-003		32.4590
Total	9.3700e-003	0.0120	0.1498	4.3000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		32.4276	32.4276	1.5000e-003		32.4590

3.3 Survey (1) - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0204	0.0261	0.3260	8.7000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		67.4110	67.4110	3.1900e-003		67.4781
Total	0.0204	0.0261	0.3260	8.7000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		67.4110	67.4110	3.1900e-003		67.4781

3.3 Survey (1) - 2018

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0204	0.0261	0.3260	8.7000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		67.4110	67.4110	3.1900e-003		67.4781
Total	0.0204	0.0261	0.3260	8.7000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		67.4110	67.4110	3.1900e-003		67.4781

3.3 Survey (1) - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0188	0.0239	0.2996	8.6000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		64.8552	64.8552	2.9900e-003		64.9180
Total	0.0188	0.0239	0.2996	8.6000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		64.8552	64.8552	2.9900e-003		64.9180

3.3 Survey (1) - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0188	0.0239	0.2996	8.6000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		64.8552	64.8552	2.9900e-003		64.9180
Total	0.0188	0.0239	0.2996	8.6000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		64.8552	64.8552	2.9900e-003		64.9180

3.3 Survey (1) - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0176	0.0222	0.2793	8.6000e-004	0.0684	5.2000e-004	0.0690	0.0182	4.8000e-004	0.0186		62.2304	62.2304	2.8300e-003		62.2899
Total	0.0176	0.0222	0.2793	8.6000e-004	0.0684	5.2000e-004	0.0690	0.0182	4.8000e-004	0.0186		62.2304	62.2304	2.8300e-003		62.2899

3.3 Survey (1) - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0176	0.0222	0.2793	8.6000e-004	0.0684	5.2000e-004	0.0690	0.0182	4.8000e-004	0.0186		62.2304	62.2304	2.8300e-003		62.2899
Total	0.0176	0.0222	0.2793	8.6000e-004	0.0684	5.2000e-004	0.0690	0.0182	4.8000e-004	0.0186		62.2304	62.2304	2.8300e-003		62.2899

3.4 Construction and Materials Yard (2) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1514	12.6836	7.4663	0.0122		0.6552	0.6552		0.6028	0.6028		1,223.7938	1,223.7938	0.3810		1,231.7945
Total	1.1514	12.6836	7.4663	0.0122	0.0000	0.6552	0.6552	0.0000	0.6028	0.6028		1,223.7938	1,223.7938	0.3810		1,231.7945

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.5800e-003	0.0923	0.0630	3.4000e-004	0.2347	2.1000e-003	0.2368	0.0261	1.9300e-003	0.0281		33.2939	33.2939	1.6000e-004		33.2973
Worker	0.0170	0.0217	0.2716	7.2000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		56.1759	56.1759	2.6600e-003		56.2318
Total	0.0246	0.1140	0.3346	1.0600e-003	0.2918	2.5500e-003	0.2943	0.0413	2.3400e-003	0.0436		89.4698	89.4698	2.8200e-003		89.5291

3.4 Construction and Materials Yard (2) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4327	10.5328	8.4628	0.0122		0.3039	0.3039		0.3039	0.3039	0.0000	1,223.7938	1,223.7938	0.3810		1,231.7945
Total	0.4327	10.5328	8.4628	0.0122	0.0000	0.3039	0.3039	0.0000	0.3039	0.3039	0.0000	1,223.7938	1,223.7938	0.3810		1,231.7945

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.5800e-003	0.0923	0.0630	3.4000e-004	0.0748	2.1000e-003	0.0769	0.0102	1.9300e-003	0.0121		33.2939	33.2939	1.6000e-004		33.2973
Worker	0.0170	0.0217	0.2716	7.2000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		56.1759	56.1759	2.6600e-003		56.2318
Total	0.0246	0.1140	0.3346	1.0600e-003	0.1318	2.5500e-003	0.1344	0.0253	2.3400e-003	0.0277		89.4698	89.4698	2.8200e-003		89.5291

3.4 Construction and Materials Yard (2) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0606	11.5850	7.3042	0.0122		0.5945	0.5945		0.5470	0.5470		1,204.5825	1,204.5825	0.3811		1,212.5860
Total	1.0606	11.5850	7.3042	0.0122	0.0000	0.5945	0.5945	0.0000	0.5470	0.5470		1,204.5825	1,204.5825	0.3811		1,212.5860

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.9400e-003	0.0814	0.0571	3.4000e-004	0.2347	1.8500e-003	0.2366	0.0261	1.7000e-003	0.0278		32.6338	32.6338	1.5000e-004		32.6369
Worker	0.0156	0.0199	0.2497	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.1000e-004	0.0155		54.0460	54.0460	2.4900e-003		54.0983
Total	0.0226	0.1013	0.3068	1.0600e-003	0.2918	2.2900e-003	0.2940	0.0413	2.1100e-003	0.0434		86.6798	86.6798	2.6400e-003		86.7353

3.4 Construction and Materials Yard (2) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4327	10.5328	8.4628	0.0122		0.3039	0.3039		0.3039	0.3039	0.0000	1,204.5825	1,204.5825	0.3811		1,212.5860
Total	0.4327	10.5328	8.4628	0.0122	0.0000	0.3039	0.3039	0.0000	0.3039	0.3039	0.0000	1,204.5825	1,204.5825	0.3811		1,212.5860

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.9400e-003	0.0814	0.0571	3.4000e-004	0.0748	1.8500e-003	0.0766	0.0102	1.7000e-003	0.0119		32.6338	32.6338	1.5000e-004		32.6369
Worker	0.0156	0.0199	0.2497	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.1000e-004	0.0155		54.0460	54.0460	2.4900e-003		54.0983
Total	0.0226	0.1013	0.3068	1.0600e-003	0.1318	2.2900e-003	0.1341	0.0253	2.1100e-003	0.0274		86.6798	86.6798	2.6400e-003		86.7353

3.4 Construction and Materials Yard (2) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.9812	10.6185	7.1538	0.0122		0.5399	0.5399		0.4967	0.4967		1,178.3567	1,178.3567	0.3811		1,186.3599
Total	0.9812	10.6185	7.1538	0.0122	0.0000	0.5399	0.5399	0.0000	0.4967	0.4967		1,178.3567	1,178.3567	0.3811		1,186.3599

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2700e-003	0.0653	0.0516	3.4000e-004	0.2347	1.4700e-003	0.2362	0.0261	1.3500e-003	0.0275		31.8942	31.8942	1.3000e-004		31.8970
Worker	0.0146	0.0185	0.2327	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		51.8587	51.8587	2.3600e-003		51.9082
Total	0.0209	0.0838	0.2843	1.0600e-003	0.2918	1.9100e-003	0.2937	0.0413	1.7500e-003	0.0430		83.7529	83.7529	2.4900e-003		83.8053

3.4 Construction and Materials Yard (2) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4327	10.5328	8.4628	0.0122		0.3039	0.3039		0.3039	0.3039	0.0000	1,178.3567	1,178.3567	0.3811		1,186.3599
Total	0.4327	10.5328	8.4628	0.0122	0.0000	0.3039	0.3039	0.0000	0.3039	0.3039	0.0000	1,178.3567	1,178.3567	0.3811		1,186.3599

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2700e-003	0.0653	0.0516	3.4000e-004	0.0748	1.4700e-003	0.0763	0.0102	1.3500e-003	0.0115		31.8942	31.8942	1.3000e-004		31.8970
Worker	0.0146	0.0185	0.2327	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		51.8587	51.8587	2.3600e-003		51.9082
Total	0.0209	0.0838	0.2843	1.0600e-003	0.1318	1.9100e-003	0.1337	0.0253	1.7500e-003	0.0271		83.7529	83.7529	2.4900e-003		83.8053

3.5 Testing Phase 1 - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0442	0.0565	0.7063	1.8800e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		146.0572	146.0572	6.9200e-003		146.2026
Total	0.0442	0.0565	0.7063	1.8800e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		146.0572	146.0572	6.9200e-003		146.2026

3.5 Testing Phase 1 - 2018

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0442	0.0565	0.7063	1.8800e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		146.0572	146.0572	6.9200e-003		146.2026
Total	0.0442	0.0565	0.7063	1.8800e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		146.0572	146.0572	6.9200e-003		146.2026

3.6 Maintenance Crew Equipment Check Phase 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.9618	10.3545	5.2259	0.0164		0.3779	0.3779		0.3477	0.3477		1,653.7514	1,653.7514	0.5148		1,664.5629
Total	0.9618	10.3545	5.2259	0.0164	0.0000	0.3779	0.3779	0.0000	0.3477	0.3477		1,653.7514	1,653.7514	0.5148		1,664.5629

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	0.0217	0.2716	7.2000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		56.1759	56.1759	2.6600e-003		56.2318
Total	0.0170	0.0217	0.2716	7.2000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		56.1759	56.1759	2.6600e-003		56.2318

3.6 Maintenance Crew Equipment Check Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4021	12.7004	8.7127	0.0164		0.2949	0.2949		0.2949	0.2949	0.0000	1,653.7514	1,653.7514	0.5148		1,664.5629
Total	0.4021	12.7004	8.7127	0.0164	0.0000	0.2949	0.2949	0.0000	0.2949	0.2949	0.0000	1,653.7514	1,653.7514	0.5148		1,664.5629

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	0.0217	0.2716	7.2000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		56.1759	56.1759	2.6600e-003		56.2318
Total	0.0170	0.0217	0.2716	7.2000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		56.1759	56.1759	2.6600e-003		56.2318

3.7 Civil Installation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	8.6527	92.8747	58.5022	0.1061		4.4816	4.4816		4.1431	4.1431		10,654.6650	10,654.6650	3.2155		10,722.1902
Total	8.6527	92.8747	58.5022	0.1061	0.0000	4.4816	4.4816	0.0000	4.1431	4.1431		10,654.6650	10,654.6650	3.2155		10,722.1902

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0267	0.3660	0.3287	1.1200e-003	0.9140	5.9400e-003	0.9199	0.0985	5.4700e-003	0.1040		109.7230	109.7230	8.3000e-004		109.7404
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0442	0.0565	0.7063	1.8800e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		146.0572	146.0572	6.9200e-003		146.2026
Total	0.0709	0.4224	1.0350	3.0000e-003	1.0622	7.1000e-003	1.0694	0.1378	6.5400e-003	0.1444		255.7802	255.7802	7.7500e-003		255.9430

3.7 Civil Installation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.2365	86.4289	63.6931	0.1061		2.4309	2.4309		2.4309	2.4309	0.0000	10,654.6650	10,654.6650	3.2155		10,722.1902
Total	3.2365	86.4289	63.6931	0.1061	0.0000	2.4309	2.4309	0.0000	2.4309	2.4309	0.0000	10,654.6650	10,654.6650	3.2155		10,722.1902

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0267	0.3660	0.3287	1.1200e-003	0.2844	5.9400e-003	0.2904	0.0357	5.4700e-003	0.0411		109.7230	109.7230	8.3000e-004		109.7404
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0442	0.0565	0.7063	1.8800e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		146.0572	146.0572	6.9200e-003		146.2026
Total	0.0709	0.4224	1.0350	3.0000e-003	0.4327	7.1000e-003	0.4398	0.0750	6.5400e-003	0.0815		255.7802	255.7802	7.7500e-003		255.9430

3.7 Civil Installation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	7.9087	83.3030	55.8483	0.1061		3.9480	3.9480		3.6493	3.6493		10,486.3973	10,486.3973	3.2090		10,553.7862
Total	7.9087	83.3030	55.8483	0.1061	0.0000	3.9480	3.9480	0.0000	3.6493	3.6493		10,486.3973	10,486.3973	3.2090		10,553.7862

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0260	0.3425	0.3222	1.1200e-003	0.9597	5.9400e-003	0.9656	0.1034	5.4700e-003	0.1088		107.5860	107.5860	8.2000e-004		107.6033
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0406	0.0518	0.6491	1.8700e-003	0.1483	1.1400e-003	0.1494	0.0393	1.0600e-003	0.0404		140.5196	140.5196	6.4800e-003		140.6557
Total	0.0666	0.3943	0.9713	2.9900e-003	1.1079	7.0800e-003	1.1150	0.1427	6.5300e-003	0.1492		248.1055	248.1055	7.3000e-003		248.2589

3.7 Civil Installation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.2365	86.4289	63.6931	0.1061		2.4309	2.4309		2.4309	2.4309	0.0000	10,486.3973	10,486.3973	3.2090		10,553.7862
Total	3.2365	86.4289	63.6931	0.1061	0.0000	2.4309	2.4309	0.0000	2.4309	2.4309	0.0000	10,486.3973	10,486.3973	3.2090		10,553.7862

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0260	0.3425	0.3222	1.1200e-003	0.2984	5.9400e-003	0.3044	0.0373	5.4700e-003	0.0428		107.5860	107.5860	8.2000e-004		107.6033
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0406	0.0518	0.6491	1.8700e-003	0.1483	1.1400e-003	0.1494	0.0393	1.0600e-003	0.0404		140.5196	140.5196	6.4800e-003		140.6557
Total	0.0666	0.3943	0.9713	2.9900e-003	0.4467	7.0800e-003	0.4538	0.0767	6.5300e-003	0.0832		248.1055	248.1055	7.3000e-003		248.2589

3.8 Fiber Optic Cable Installation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1033	1.7488	2.6838	4.1400e-003		0.0484	0.0484		0.0445	0.0445		415.6558	415.6558	0.1294		418.3731
Total	0.1033	1.7488	2.6838	4.1400e-003		0.0484	0.0484		0.0445	0.0445		415.6558	415.6558	0.1294		418.3731

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0476	0.0608	0.7606	2.0200e-003	0.1597	1.2500e-003	0.1609	0.0424	1.1500e-003	0.0435		157.2924	157.2924	7.4500e-003		157.4489
Total	0.0476	0.0608	0.7606	2.0200e-003	0.1597	1.2500e-003	0.1609	0.0424	1.1500e-003	0.0435		157.2924	157.2924	7.4500e-003		157.4489

3.8 Fiber Optic Cable Installation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1400e-003		0.1627	0.1627		0.1627	0.1627	0.0000	415.6558	415.6558	0.1294		418.3731
Total	0.1949	4.0254	3.1356	4.1400e-003		0.1627	0.1627		0.1627	0.1627	0.0000	415.6558	415.6558	0.1294		418.3731

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0476	0.0608	0.7606	2.0200e-003	0.1597	1.2500e-003	0.1609	0.0424	1.1500e-003	0.0435		157.2924	157.2924	7.4500e-003		157.4489
Total	0.0476	0.0608	0.7606	2.0200e-003	0.1597	1.2500e-003	0.1609	0.0424	1.1500e-003	0.0435		157.2924	157.2924	7.4500e-003		157.4489

3.8 Fiber Optic Cable Installation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1002	1.6751	2.6886	4.1400e-003		0.0411	0.0411		0.0378	0.0378		408.9875	408.9875	0.1294		411.7049
Total	0.1002	1.6751	2.6886	4.1400e-003		0.0411	0.0411		0.0378	0.0378		408.9875	408.9875	0.1294		411.7049

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0438	0.0558	0.6990	2.0200e-003	0.1597	1.2300e-003	0.1609	0.0424	1.1400e-003	0.0435		151.3288	151.3288	6.9800e-003		151.4753
Total	0.0438	0.0558	0.6990	2.0200e-003	0.1597	1.2300e-003	0.1609	0.0424	1.1400e-003	0.0435		151.3288	151.3288	6.9800e-003		151.4753

3.8 Fiber Optic Cable Installation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1400e-003		0.1627	0.1627		0.1627	0.1627	0.0000	408.9875	408.9875	0.1294		411.7049
Total	0.1949	4.0254	3.1356	4.1400e-003		0.1627	0.1627		0.1627	0.1627	0.0000	408.9875	408.9875	0.1294		411.7049

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0438	0.0558	0.6990	2.0200e-003	0.1597	1.2300e-003	0.1609	0.0424	1.1400e-003	0.0435		151.3288	151.3288	6.9800e-003		151.4753
Total	0.0438	0.0558	0.6990	2.0200e-003	0.1597	1.2300e-003	0.1609	0.0424	1.1400e-003	0.0435		151.3288	151.3288	6.9800e-003		151.4753

3.8 Fiber Optic Cable Installation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0974	1.5836	2.6922	4.1400e-003		0.0352	0.0352		0.0324	0.0324		400.0965	400.0965	0.1294		402.8138
Total	0.0974	1.5836	2.6922	4.1400e-003		0.0352	0.0352		0.0324	0.0324		400.0965	400.0965	0.1294		402.8138

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0410	0.0517	0.6516	2.0200e-003	0.1597	1.2200e-003	0.1609	0.0424	1.1300e-003	0.0435		145.2043	145.2043	6.6100e-003		145.3431
Total	0.0410	0.0517	0.6516	2.0200e-003	0.1597	1.2200e-003	0.1609	0.0424	1.1300e-003	0.0435		145.2043	145.2043	6.6100e-003		145.3431

3.8 Fiber Optic Cable Installation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1400e-003		0.1627	0.1627		0.1627	0.1627	0.0000	400.0965	400.0965	0.1294		402.8138
Total	0.1949	4.0254	3.1356	4.1400e-003		0.1627	0.1627		0.1627	0.1627	0.0000	400.0965	400.0965	0.1294		402.8138

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0410	0.0517	0.6516	2.0200e-003	0.1597	1.2200e-003	0.1609	0.0424	1.1300e-003	0.0435		145.2043	145.2043	6.6100e-003		145.3431
Total	0.0410	0.0517	0.6516	2.0200e-003	0.1597	1.2200e-003	0.1609	0.0424	1.1300e-003	0.0435		145.2043	145.2043	6.6100e-003		145.3431

3.9 Splicing & Testing - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7269	6.4620	5.0557	6.3200e-003		0.5109	0.5109		0.4700	0.4700		636.8383	636.8383	0.1983		641.0017
Total	0.7269	6.4620	5.0557	6.3200e-003		0.5109	0.5109		0.4700	0.4700		636.8383	636.8383	0.1983		641.0017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0238	0.0304	0.3803	1.0100e-003	0.0798	6.2000e-004	0.0805	0.0212	5.8000e-004	0.0218		78.6462	78.6462	3.7300e-003		78.7245
Total	0.0238	0.0304	0.3803	1.0100e-003	0.0798	6.2000e-004	0.0805	0.0212	5.8000e-004	0.0218		78.6462	78.6462	3.7300e-003		78.7245

3.9 Splicing & Testing - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	636.8383	636.8383	0.1983		641.0017
Total	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	636.8383	636.8383	0.1983		641.0017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0238	0.0304	0.3803	1.0100e-003	0.0798	6.2000e-004	0.0805	0.0212	5.8000e-004	0.0218		78.6462	78.6462	3.7300e-003		78.7245
Total	0.0238	0.0304	0.3803	1.0100e-003	0.0798	6.2000e-004	0.0805	0.0212	5.8000e-004	0.0218		78.6462	78.6462	3.7300e-003		78.7245

3.9 Splicing & Testing - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6517	5.8649	4.9839	6.3200e-003		0.4472	0.4472		0.4114	0.4114		626.6217	626.6217	0.1983		630.7850
Total	0.6517	5.8649	4.9839	6.3200e-003		0.4472	0.4472		0.4114	0.4114		626.6217	626.6217	0.1983		630.7850

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0219	0.0279	0.3495	1.0100e-003	0.0798	6.1000e-004	0.0805	0.0212	5.7000e-004	0.0217		75.6644	75.6644	3.4900e-003		75.7377
Total	0.0219	0.0279	0.3495	1.0100e-003	0.0798	6.1000e-004	0.0805	0.0212	5.7000e-004	0.0217		75.6644	75.6644	3.4900e-003		75.7377

3.9 Splicing & Testing - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	626.6217	626.6217	0.1983		630.7850
Total	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	626.6217	626.6217	0.1983		630.7850

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0219	0.0279	0.3495	1.0100e-003	0.0798	6.1000e-004	0.0805	0.0212	5.7000e-004	0.0217		75.6644	75.6644	3.4900e-003		75.7377
Total	0.0219	0.0279	0.3495	1.0100e-003	0.0798	6.1000e-004	0.0805	0.0212	5.7000e-004	0.0217		75.6644	75.6644	3.4900e-003		75.7377

3.9 Splicing & Testing - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5817	5.2963	4.9180	6.3300e-003		0.3859	0.3859		0.3550	0.3550		612.9994	612.9994	0.1983		617.1628
Total	0.5817	5.2963	4.9180	6.3300e-003		0.3859	0.3859		0.3550	0.3550		612.9994	612.9994	0.1983		617.1628

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0205	0.0259	0.3258	1.0100e-003	0.0798	6.1000e-004	0.0805	0.0212	5.6000e-004	0.0217		72.6021	72.6021	3.3000e-003		72.6715
Total	0.0205	0.0259	0.3258	1.0100e-003	0.0798	6.1000e-004	0.0805	0.0212	5.6000e-004	0.0217		72.6021	72.6021	3.3000e-003		72.6715

3.9 Splicing & Testing - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3000	6.1952	4.8257	6.3300e-003		0.2504	0.2504		0.2504	0.2504	0.0000	612.9994	612.9994	0.1983		617.1628
Total	0.3000	6.1952	4.8257	6.3300e-003		0.2504	0.2504		0.2504	0.2504	0.0000	612.9994	612.9994	0.1983		617.1628

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0205	0.0259	0.3258	1.0100e-003	0.0798	6.1000e-004	0.0805	0.0212	5.6000e-004	0.0217		72.6021	72.6021	3.3000e-003		72.6715
Total	0.0205	0.0259	0.3258	1.0100e-003	0.0798	6.1000e-004	0.0805	0.0212	5.6000e-004	0.0217		72.6021	72.6021	3.3000e-003		72.6715

3.10 Asphaltting Phase 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0215	10.6987	8.3633	0.0124		0.6151	0.6151		0.5659	0.5659		1,247.6404	1,247.6404	0.3884		1,255.7970
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0215	10.6987	8.3633	0.0124		0.6151	0.6151		0.5659	0.5659		1,247.6404	1,247.6404	0.3884		1,255.7970

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3657	5.0051	4.4955	0.0154	6.4459	0.0813	6.5272	0.7056	0.0748	0.7803		1,500.6312	1,500.6312	0.0113		1,500.8690
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0645	0.0826	1.0323	2.7400e-003	0.2167	1.6900e-003	0.2184	0.0575	1.5700e-003	0.0590		213.4682	213.4682	0.0101		213.6807
Total	0.4302	5.0877	5.5278	0.0181	6.6626	0.0830	6.7456	0.7630	0.0764	0.8394		1,714.0995	1,714.0995	0.0214		1,714.5497

3.10 Asphaltting Phase 1 - 2018**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5189	11.1182	9.3980	0.0124		0.3832	0.3832		0.3832	0.3832	0.0000	1,247.640 4	1,247.640 4	0.3884		1,255.797 0
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5189	11.1182	9.3980	0.0124		0.3832	0.3832		0.3832	0.3832	0.0000	1,247.640 4	1,247.640 4	0.3884		1,255.797 0

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3657	5.0051	4.4955	0.0154	2.0352	0.0813	2.1165	0.2652	0.0748	0.3400		1,500.631 2	1,500.631 2	0.0113		1,500.869 0
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0645	0.0826	1.0323	2.7400e-003	0.2167	1.6900e-003	0.2184	0.0575	1.5700e-003	0.0590		213.4682	213.4682	0.0101		213.6807
Total	0.4302	5.0877	5.5278	0.0181	2.2520	0.0830	2.3349	0.3227	0.0764	0.3990		1,714.099 5	1,714.099 5	0.0214		1,714.549 7

3.11 B-Install LST Foundations (17) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.4702	49.9808	26.5413	0.0748		2.0528	2.0528		1.8926	1.8926		7,450.2636	7,450.2636	2.2827		7,498.1999
Total	4.4702	49.9808	26.5413	0.0748		2.0528	2.0528		1.8926	1.8926		7,450.2636	7,450.2636	2.2827		7,498.1999

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6115	8.3702	7.5180	0.0257	10.7797	0.1360	10.9157	1.1799	0.1251	1.3050		2,509.5469	2,509.5469	0.0189		2,509.9445
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0543	0.0695	0.8693	2.3100e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		179.7627	179.7627	8.5200e-003		179.9416
Total	0.6659	8.4397	8.3873	0.0280	10.9622	0.1374	11.0996	1.2283	0.1264	1.3547		2,689.3096	2,689.3096	0.0275		2,689.8861

3.11 B-Install LST Foundations (17) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9533	60.0683	40.2906	0.0748		1.4693	1.4693		1.4693	1.4693	0.0000	7,450.2636	7,450.2636	2.2827		7,498.1999
Total	1.9533	60.0683	40.2906	0.0748		1.4693	1.4693		1.4693	1.4693	0.0000	7,450.2636	7,450.2636	2.2827		7,498.1999

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6115	8.3702	7.5180	0.0257	3.4036	0.1360	3.5396	0.4435	0.1251	0.5686		2,509.5469	2,509.5469	0.0189		2,509.9445
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0543	0.0695	0.8693	2.3100e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		179.7627	179.7627	8.5200e-003		179.9416
Total	0.6659	8.4397	8.3873	0.0280	3.5861	0.1374	3.7235	0.4919	0.1264	0.6183		2,689.3096	2,689.3096	0.0275		2,689.8861

3.12 Civil Demo / Grading Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0452	0.0000	0.0452	6.8500e-003	0.0000	6.8500e-003			0.0000			0.0000
Off-Road	13.4700	150.9256	91.2581	0.1904		6.7547	6.7547		6.2144	6.2144		19,159.4672	19,159.4672	5.9646		19,284.7239
Total	13.4700	150.9256	91.2581	0.1904	0.0452	6.7547	6.8000	6.8500e-003	6.2144	6.2212		19,159.4672	19,159.4672	5.9646		19,284.7239

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3807	18.8989	16.9747	0.0581	24.3392	0.3070	24.6461	2.6641	0.2824	2.9465		5,666.2311	5,666.2311	0.0428		5,667.1288
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0476	0.0608	0.7606	2.0200e-003	0.1597	1.2500e-003	0.1609	0.0424	1.1500e-003	0.0435		157.2924	157.2924	7.4500e-003		157.4489
Total	1.4283	18.9597	17.7353	0.0601	24.4989	0.3082	24.8071	2.7064	0.2835	2.9900		5,823.5234	5,823.5234	0.0502		5,824.5777

3.12 Civil Demo / Grading Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0203	0.0000	0.0203	3.0800e-003	0.0000	3.0800e-003			0.0000			0.0000
Off-Road	5.6556	156.4488	112.7150	0.1904		4.2450	4.2450		4.2450	4.2450	0.0000	19,159.4672	19,159.4672	5.9646		19,284.7238
Total	5.6556	156.4488	112.7150	0.1904	0.0203	4.2450	4.2653	3.0800e-003	4.2450	4.2481	0.0000	19,159.4672	19,159.4672	5.9646		19,284.7238

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3807	18.8989	16.9747	0.0581	7.6849	0.3070	7.9918	1.0014	0.2824	1.2838		5,666.2311	5,666.2311	0.0428		5,667.1288
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0476	0.0608	0.7606	2.0200e-003	0.1597	1.2500e-003	0.1609	0.0424	1.1500e-003	0.0435		157.2924	157.2924	7.4500e-003		157.4489
Total	1.4283	18.9597	17.7353	0.0601	7.8446	0.3082	8.1528	1.0438	0.2835	1.3273		5,823.5234	5,823.5234	0.0502		5,824.5777

3.13 Electrical Demo Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9508	22.5236	14.7106	0.0246		1.0904	1.0904		1.0032	1.0032		2,478.8686	2,478.8686	0.7717		2,495.0744
Total	1.9508	22.5236	14.7106	0.0246		1.0904	1.0904		1.0032	1.0032		2,478.8686	2,478.8686	0.7717		2,495.0744

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0781	0.0999	1.2496	3.3200e-003	0.2623	2.0500e-003	0.2644	0.0696	1.9000e-003	0.0715		258.4089	258.4089	0.0123		258.6661
Total	0.0781	0.0999	1.2496	3.3200e-003	0.2623	2.0500e-003	0.2644	0.0696	1.9000e-003	0.0715		258.4089	258.4089	0.0123		258.6661

3.13 Electrical Demo Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9096	22.0732	16.8123	0.0246		0.6897	0.6897		0.6897	0.6897	0.0000	2,478.8686	2,478.8686	0.7717		2,495.0744
Total	0.9096	22.0732	16.8123	0.0246		0.6897	0.6897		0.6897	0.6897	0.0000	2,478.8686	2,478.8686	0.7717		2,495.0744

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0781	0.0999	1.2496	3.3200e-003	0.2623	2.0500e-003	0.2644	0.0696	1.9000e-003	0.0715		258.4089	258.4089	0.0123		258.6661
Total	0.0781	0.0999	1.2496	3.3200e-003	0.2623	2.0500e-003	0.2644	0.0696	1.9000e-003	0.0715		258.4089	258.4089	0.0123		258.6661

3.14 B-LST Steel Haul (18) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3181	13.5035	7.6484	0.0195		0.6292	0.6292		0.5789	0.5789		1,961.3265	1,961.3265	0.6106		1,974.1489
Total	1.3181	13.5035	7.6484	0.0195		0.6292	0.6292		0.5789	0.5789		1,961.3265	1,961.3265	0.6106		1,974.1489

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0152	0.1846	0.1260	6.8000e-004	0.4694	4.2000e-003	0.4736	0.0523	3.8700e-003	0.0562		66.5878	66.5878	3.2000e-004		66.5946
Worker	0.0170	0.0217	0.2716	7.2000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		56.1759	56.1759	2.6600e-003		56.2318
Total	0.0322	0.2063	0.3976	1.4000e-003	0.5265	4.6500e-003	0.5311	0.0674	4.2800e-003	0.0717		122.7637	122.7637	2.9800e-003		122.8264

3.14 B-LST Steel Haul (18) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	1,961.3265	1,961.3265	0.6106		1,974.1489
Total	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	1,961.3265	1,961.3265	0.6106		1,974.1489

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0152	0.1846	0.1260	6.8000e-004	0.1496	4.2000e-003	0.1538	0.0204	3.8700e-003	0.0242		66.5878	66.5878	3.2000e-004		66.5946
Worker	0.0170	0.0217	0.2716	7.2000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		56.1759	56.1759	2.6600e-003		56.2318
Total	0.0322	0.2063	0.3976	1.4000e-003	0.2066	4.6500e-003	0.2112	0.0355	4.2800e-003	0.0398		122.7637	122.7637	2.9800e-003		122.8264

3.15 B-LST Steel Assembly (19) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4045	24.1183	12.6143	0.0237		1.2933	1.2933		1.2179	1.2179		2,345.9187	2,345.9187	0.5883		2,358.2725
Total	2.4045	24.1183	12.6143	0.0237		1.2933	1.2933		1.2179	1.2179		2,345.9187	2,345.9187	0.5883		2,358.2725

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0815	0.1043	1.3039	3.4600e-003	0.2737	2.1400e-003	0.2759	0.0726	1.9800e-003	0.0746		269.6441	269.6441	0.0128		269.9124
Total	0.0815	0.1043	1.3039	3.4600e-003	0.2737	2.1400e-003	0.2759	0.0726	1.9800e-003	0.0746		269.6441	269.6441	0.0128		269.9124

3.15 B-LST Steel Assembly (19) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7389	20.0913	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,345.9187	2,345.9187	0.5883		2,358.2725
Total	0.7389	20.0913	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,345.9187	2,345.9187	0.5883		2,358.2725

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0815	0.1043	1.3039	3.4600e-003	0.2737	2.1400e-003	0.2759	0.0726	1.9800e-003	0.0746		269.6441	269.6441	0.0128		269.9124
Total	0.0815	0.1043	1.3039	3.4600e-003	0.2737	2.1400e-003	0.2759	0.0726	1.9800e-003	0.0746		269.6441	269.6441	0.0128		269.9124

3.16 Civil Installation Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1708	45.1432	37.8122	0.0691		2.3968	2.3968		2.2050	2.2050		6,948.7108	6,948.7108	2.1632		6,994.1386
Total	4.1708	45.1432	37.8122	0.0691		2.3968	2.3968		2.2050	2.2050		6,948.7108	6,948.7108	2.1632		6,994.1386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4585	6.2752	5.6363	0.0193	8.0816	0.1019	8.1835	0.8846	0.0938	0.9783		1,881.4110	1,881.4110	0.0142		1,881.7091
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0869	1.0866	2.8900e-003	0.2281	1.7800e-003	0.2299	0.0605	1.6500e-003	0.0622		224.7034	224.7034	0.0107		224.9270
Total	0.5264	6.3621	6.7229	0.0222	8.3097	0.1037	8.4134	0.9451	0.0954	1.0405		2,106.1144	2,106.1144	0.0248		2,106.6361

3.16 Civil Installation Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5677	61.8356	47.6068	0.0691		1.9326	1.9326		1.9326	1.9326	0.0000	6,948.7108	6,948.7108	2.1632		6,994.1386
Total	2.5677	61.8356	47.6068	0.0691		1.9326	1.9326		1.9326	1.9326	0.0000	6,948.7108	6,948.7108	2.1632		6,994.1386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4585	6.2752	5.6363	0.0193	2.5517	0.1019	2.6536	0.3325	0.0938	0.4263		1,881.4110	1,881.4110	0.0142		1,881.7091
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0869	1.0866	2.8900e-003	0.2281	1.7800e-003	0.2299	0.0605	1.6500e-003	0.0622		224.7034	224.7034	0.0107		224.9270
Total	0.5264	6.3621	6.7229	0.0222	2.7798	0.1037	2.8835	0.3930	0.0954	0.4884		2,106.1144	2,106.1144	0.0248		2,106.6361

3.17 B-LST Erection (20) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.2716	53.4252	27.7402	0.0665		2.4693	2.4693		2.3280	2.3280		6,609.0373	6,609.0373	1.7734		6,646.2787
Total	5.2716	53.4252	27.7402	0.0665		2.4693	2.4693		2.3280	2.3280		6,609.0373	6,609.0373	1.7734		6,646.2787

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0951	0.1217	1.5212	4.0400e-003	0.3194	2.5000e-003	0.3219	0.0847	2.3100e-003	0.0870		314.5848	314.5848	0.0149		314.8978
Total	0.0951	0.1217	1.5212	4.0400e-003	0.3194	2.5000e-003	0.3219	0.0847	2.3100e-003	0.0870		314.5848	314.5848	0.0149		314.8978

3.17 B-LST Erection (20) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8213	53.1686	36.4955	0.0665		1.3896	1.3896		1.3896	1.3896	0.0000	6,609.0373	6,609.0373	1.7734		6,646.2786
Total	1.8213	53.1686	36.4955	0.0665		1.3896	1.3896		1.3896	1.3896	0.0000	6,609.0373	6,609.0373	1.7734		6,646.2786

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0951	0.1217	1.5212	4.0400e-003	0.3194	2.5000e-003	0.3219	0.0847	2.3100e-003	0.0870		314.5848	314.5848	0.0149		314.8978
Total	0.0951	0.1217	1.5212	4.0400e-003	0.3194	2.5000e-003	0.3219	0.0847	2.3100e-003	0.0870		314.5848	314.5848	0.0149		314.8978

3.18 Wiring Phase 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6925	7.6002	6.4758	9.4200e-003		0.4153	0.4153		0.3821	0.3821		948.3472	948.3472	0.2952		954.5471
Total	0.6925	7.6002	6.4758	9.4200e-003		0.4153	0.4153		0.3821	0.3821		948.3472	948.3472	0.2952		954.5471

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1698	0.2172	2.7165	7.2200e-003	0.5703	4.4600e-003	0.5747	0.1512	4.1200e-003	0.1554		561.7585	561.7585	0.0266		562.3176
Total	0.1698	0.2172	2.7165	7.2200e-003	0.5703	4.4600e-003	0.5747	0.1512	4.1200e-003	0.1554		561.7585	561.7585	0.0266		562.3176

3.18 Wiring Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4079	8.6582	7.1735	9.4200e-003		0.3115	0.3115		0.3115	0.3115	0.0000	948.3472	948.3472	0.2952		954.5471
Total	0.4079	8.6582	7.1735	9.4200e-003		0.3115	0.3115		0.3115	0.3115	0.0000	948.3472	948.3472	0.2952		954.5471

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1698	0.2172	2.7165	7.2200e-003	0.5703	4.4600e-003	0.5747	0.1512	4.1200e-003	0.1554		561.7585	561.7585	0.0266		562.3176
Total	0.1698	0.2172	2.7165	7.2200e-003	0.5703	4.4600e-003	0.5747	0.1512	4.1200e-003	0.1554		561.7585	561.7585	0.0266		562.3176

3.19 Electrical Phase 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5554	41.9365	22.8326	0.0425		1.9265	1.9265		1.7724	1.7724		4,280.1980	4,280.1980	1.3325		4,308.1802
Total	3.5554	41.9365	22.8326	0.0425		1.9265	1.9265		1.7724	1.7724		4,280.1980	4,280.1980	1.3325		4,308.1802

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.5800e-003	0.0923	0.0630	3.4000e-004	0.2347	2.1000e-003	0.2368	0.0261	1.9300e-003	0.0281		33.2939	33.2939	1.6000e-004		33.2973
Worker	0.1800	0.2303	2.8794	7.6500e-003	0.6045	4.7200e-003	0.6092	0.1603	4.3700e-003	0.1647		595.4640	595.4640	0.0282		596.0566
Total	0.1876	0.3226	2.9424	7.9900e-003	0.8392	6.8200e-003	0.8460	0.1865	6.3000e-003	0.1928		628.7579	628.7579	0.0284		629.3539

3.19 Electrical Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3960	37.7597	26.5513	0.0425		1.0729	1.0729		1.0729	1.0729	0.0000	4,280.1980	4,280.1980	1.3325		4,308.1802
Total	1.3960	37.7597	26.5513	0.0425		1.0729	1.0729		1.0729	1.0729	0.0000	4,280.1980	4,280.1980	1.3325		4,308.1802

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.5800e-003	0.0923	0.0630	3.4000e-004	0.0748	2.1000e-003	0.0769	0.0102	1.9300e-003	0.0121		33.2939	33.2939	1.6000e-004		33.2973
Worker	0.1800	0.2303	2.8794	7.6500e-003	0.6045	4.7200e-003	0.6092	0.1603	4.3700e-003	0.1647		595.4640	595.4640	0.0282		596.0566
Total	0.1876	0.3226	2.9424	7.9900e-003	0.6793	6.8200e-003	0.6861	0.1705	6.3000e-003	0.1768		628.7579	628.7579	0.0284		629.3539

3.20 C-Install TSP Foundations (21) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.2646	48.6921	25.4620	0.0723		2.0020	2.0020		1.8419	1.8419		7,273.4565	7,273.4565	2.2643		7,321.0073
Total	4.2646	48.6921	25.4620	0.0723		2.0020	2.0020		1.8419	1.8419		7,273.4565	7,273.4565	2.2643		7,321.0073

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1525	2.0872	1.8747	6.4100e-003	2.6881	0.0339	2.7220	0.2942	0.0312	0.3254		625.7863	625.7863	4.7200e-003		625.8854
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0543	0.0695	0.8693	2.3100e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		179.7627	179.7627	8.5200e-003		179.9416
Total	0.2068	2.1567	2.7440	8.7200e-003	2.8705	0.0353	2.9059	0.3426	0.0325	0.3751		805.5490	805.5490	0.0132		805.8270

3.20 C-Install TSP Foundations (21) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9533	60.0683	40.2906	0.0723		1.4693	1.4693		1.4693	1.4693	0.0000	7,273.4565	7,273.4565	2.2643		7,321.0073
Total	1.9533	60.0683	40.2906	0.0723		1.4693	1.4693		1.4693	1.4693	0.0000	7,273.4565	7,273.4565	2.2643		7,321.0073

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1525	2.0872	1.8747	6.4100e-003	0.8487	0.0339	0.8826	0.1106	0.0312	0.1418		625.7863	625.7863	4.7200e-003		625.8854
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0543	0.0695	0.8693	2.3100e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		179.7627	179.7627	8.5200e-003		179.9416
Total	0.2068	2.1567	2.7440	8.7200e-003	1.0312	0.0353	1.0666	0.1590	0.0325	0.1915		805.5490	805.5490	0.0132		805.8270

3.21 C-TSP Haul (22) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0786	23.7008	10.1605	0.0277		0.9556	0.9556		0.8791	0.8791		2,789.8131	2,789.8131	0.8685		2,808.0517
Total	2.0786	23.7008	10.1605	0.0277		0.9556	0.9556		0.8791	0.8791		2,789.8131	2,789.8131	0.8685		2,808.0517

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0152	0.1846	0.1260	6.8000e-004	0.4694	4.2000e-003	0.4736	0.0523	3.8700e-003	0.0562		66.5878	66.5878	3.2000e-004		66.5946
Worker	0.0170	0.0217	0.2716	7.2000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		56.1759	56.1759	2.6600e-003		56.2318
Total	0.0322	0.2063	0.3976	1.4000e-003	0.5265	4.6500e-003	0.5311	0.0674	4.2800e-003	0.0717		122.7637	122.7637	2.9800e-003		122.8264

3.21 C-TSP Haul (22) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6796	22.2946	14.7235	0.0277		0.4983	0.4983		0.4983	0.4983	0.0000	2,789.813 1	2,789.813 1	0.8685		2,808.051 7
Total	0.6796	22.2946	14.7235	0.0277		0.4983	0.4983		0.4983	0.4983	0.0000	2,789.813 1	2,789.813 1	0.8685		2,808.051 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0152	0.1846	0.1260	6.8000e-004	0.1496	4.2000e-003	0.1538	0.0204	3.8700e-003	0.0242		66.5878	66.5878	3.2000e-004		66.5946
Worker	0.0170	0.0217	0.2716	7.2000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		56.1759	56.1759	2.6600e-003		56.2318
Total	0.0322	0.2063	0.3976	1.4000e-003	0.2066	4.6500e-003	0.2112	0.0355	4.2800e-003	0.0398		122.7637	122.7637	2.9800e-003		122.8264

3.22 Electrical Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0109	47.2833	31.8134	0.0537		2.2071	2.2071		2.0305	2.0305		5,400.0599	5,400.0599	1.6811		5,435.3633
Total	4.0109	47.2833	31.8134	0.0537		2.2071	2.2071		2.0305	2.0305		5,400.0599	5,400.0599	1.6811		5,435.3633

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.5800e-003	0.0923	0.0630	3.4000e-004	0.2347	2.1000e-003	0.2368	0.0261	1.9300e-003	0.0281		33.2939	33.2939	1.6000e-004		33.2973
Worker	0.1800	0.2303	2.8794	7.6500e-003	0.6045	4.7200e-003	0.6092	0.1603	4.3700e-003	0.1647		595.4640	595.4640	0.0282		596.0566
Total	0.1876	0.3226	2.9424	7.9900e-003	0.8392	6.8200e-003	0.8460	0.1865	6.3000e-003	0.1928		628.7579	628.7579	0.0284		629.3539

3.22 Electrical Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9946	48.2527	36.6404	0.0537		1.5224	1.5224		1.5224	1.5224	0.0000	5,400.0599	5,400.0599	1.6811		5,435.3633
Total	1.9946	48.2527	36.6404	0.0537		1.5224	1.5224		1.5224	1.5224	0.0000	5,400.0599	5,400.0599	1.6811		5,435.3633

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.5800e-003	0.0923	0.0630	3.4000e-004	0.0748	2.1000e-003	0.0769	0.0102	1.9300e-003	0.0121		33.2939	33.2939	1.6000e-004		33.2973
Worker	0.1800	0.2303	2.8794	7.6500e-003	0.6045	4.7200e-003	0.6092	0.1603	4.3700e-003	0.1647		595.4640	595.4640	0.0282		596.0566
Total	0.1876	0.3226	2.9424	7.9900e-003	0.6793	6.8200e-003	0.6861	0.1705	6.3000e-003	0.1768		628.7579	628.7579	0.0284		629.3539

3.23 C-TSP Assembly (23) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5363	26.0440	13.2521	0.0323		1.1845	1.1845		1.1138	1.1138		3,210.7025	3,210.7025	0.8778		3,229.1359
Total	2.5363	26.0440	13.2521	0.0323		1.1845	1.1845		1.1138	1.1138		3,210.7025	3,210.7025	0.8778		3,229.1359

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0543	0.0695	0.8693	2.3100e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		179.7627	179.7627	8.5200e-003		179.9416
Total	0.0543	0.0695	0.8693	2.3100e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		179.7627	179.7627	8.5200e-003		179.9416

3.23 C-TSP Assembly (23) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8727	25.8002	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,210.7025	3,210.7025	0.8778		3,229.1359
Total	0.8727	25.8002	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,210.7025	3,210.7025	0.8778		3,229.1359

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0543	0.0695	0.8693	2.3100e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		179.7627	179.7627	8.5200e-003		179.9416
Total	0.0543	0.0695	0.8693	2.3100e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		179.7627	179.7627	8.5200e-003		179.9416

3.24 C-TSP Erection (24) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5363	26.0440	13.2521	0.0323		1.1845	1.1845		1.1138	1.1138		3,210.7025	3,210.7025	0.8778		3,229.1359
Total	2.5363	26.0440	13.2521	0.0323		1.1845	1.1845		1.1138	1.1138		3,210.7025	3,210.7025	0.8778		3,229.1359

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0543	0.0695	0.8693	2.3100e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		179.7627	179.7627	8.5200e-003		179.9416
Total	0.0543	0.0695	0.8693	2.3100e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		179.7627	179.7627	8.5200e-003		179.9416

3.24 C-TSP Erection (24) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8727	25.8002	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,210.7025	3,210.7025	0.8778		3,229.1359
Total	0.8727	25.8002	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,210.7025	3,210.7025	0.8778		3,229.1359

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0543	0.0695	0.8693	2.3100e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		179.7627	179.7627	8.5200e-003		179.9416
Total	0.0543	0.0695	0.8693	2.3100e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		179.7627	179.7627	8.5200e-003		179.9416

3.25 C-Install/Transfer Conductor (25) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	9.5227	106.0324	56.9420	0.1086		5.3571	5.3571		4.9285	4.9285		10,929.6546	10,929.6546	3.4026		11,001.1081
Total	9.5227	106.0324	56.9420	0.1086		5.3571	5.3571		4.9285	4.9285		10,929.6546	10,929.6546	3.4026		11,001.1081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0228	0.2769	0.1890	1.0300e-003	0.7042	6.3000e-003	0.7105	0.0784	5.8000e-003	0.0842		99.8818	99.8818	4.9000e-004		99.8919
Worker	0.1155	0.1477	1.8472	4.9100e-003	0.3878	3.0300e-003	0.3908	0.1028	2.8000e-003	0.1057		381.9958	381.9958	0.0181		382.3760
Total	0.1382	0.4246	2.0362	5.9400e-003	1.0920	9.3300e-003	1.1013	0.1813	8.6000e-003	0.1899		481.8775	481.8775	0.0186		482.2679

3.25 C-Install/Transfer Conductor (25) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5566	94.8816	68.0070	0.1086		2.7129	2.7129		2.7129	2.7129	0.0000	10,929.6546	10,929.6546	3.4026		11,001.1081
Total	3.5566	94.8816	68.0070	0.1086		2.7129	2.7129		2.7129	2.7129	0.0000	10,929.6546	10,929.6546	3.4026		11,001.1081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0228	0.2769	0.1890	1.0300e-003	0.2243	6.3000e-003	0.2306	0.0305	5.8000e-003	0.0363		99.8818	99.8818	4.9000e-004		99.8919
Worker	0.1155	0.1477	1.8472	4.9100e-003	0.3878	3.0300e-003	0.3908	0.1028	2.8000e-003	0.1057		381.9958	381.9958	0.0181		382.3760
Total	0.1382	0.4246	2.0362	5.9400e-003	0.6121	9.3300e-003	0.6215	0.1334	8.6000e-003	0.1420		481.8775	481.8775	0.0186		482.2679

3.26 Testing Phase 2 - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0442	0.0565	0.7063	1.8800e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		146.0572	146.0572	6.9200e-003		146.2026
Total	0.0442	0.0565	0.7063	1.8800e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		146.0572	146.0572	6.9200e-003		146.2026

3.26 Testing Phase 2 - 2018

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0442	0.0565	0.7063	1.8800e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		146.0572	146.0572	6.9200e-003		146.2026
Total	0.0442	0.0565	0.7063	1.8800e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		146.0572	146.0572	6.9200e-003		146.2026

3.26 Testing Phase 2 - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0406	0.0518	0.6491	1.8700e-003	0.1483	1.1400e-003	0.1494	0.0393	1.0600e-003	0.0404		140.5196	140.5196	6.4800e-003		140.6557
Total	0.0406	0.0518	0.6491	1.8700e-003	0.1483	1.1400e-003	0.1494	0.0393	1.0600e-003	0.0404		140.5196	140.5196	6.4800e-003		140.6557

3.26 Testing Phase 2 - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0406	0.0518	0.6491	1.8700e-003	0.1483	1.1400e-003	0.1494	0.0393	1.0600e-003	0.0404		140.5196	140.5196	6.4800e-003		140.6557
Total	0.0406	0.0518	0.6491	1.8700e-003	0.1483	1.1400e-003	0.1494	0.0393	1.0600e-003	0.0404		140.5196	140.5196	6.4800e-003		140.6557

3.27 Maintenance Crew Equipment Check Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.9618	10.3545	5.2259	0.0164		0.3779	0.3779		0.3477	0.3477		1,653.7514	1,653.7514	0.5148		1,664.5629
Total	0.9618	10.3545	5.2259	0.0164	0.0000	0.3779	0.3779	0.0000	0.3477	0.3477		1,653.7514	1,653.7514	0.5148		1,664.5629

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0102	0.0130	0.1630	4.3000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		33.7055	33.7055	1.6000e-003		33.7391
Total	0.0102	0.0130	0.1630	4.3000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		33.7055	33.7055	1.6000e-003		33.7391

3.27 Maintenance Crew Equipment Check Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4021	12.7004	8.7127	0.0164		0.2949	0.2949		0.2949	0.2949	0.0000	1,653.7514	1,653.7514	0.5148		1,664.5629
Total	0.4021	12.7004	8.7127	0.0164	0.0000	0.2949	0.2949	0.0000	0.2949	0.2949	0.0000	1,653.7514	1,653.7514	0.5148		1,664.5629

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0102	0.0130	0.1630	4.3000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		33.7055	33.7055	1.6000e-003		33.7391
Total	0.0102	0.0130	0.1630	4.3000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		33.7055	33.7055	1.6000e-003		33.7391

3.27 Maintenance Crew Equipment Check Phase 2 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8830	8.9423	4.9711	0.0164		0.3252	0.3252		0.2992	0.2992		1,626.5318	1,626.5318	0.5146		1,637.3387
Total	0.8830	8.9423	4.9711	0.0164	0.0000	0.3252	0.3252	0.0000	0.2992	0.2992		1,626.5318	1,626.5318	0.5146		1,637.3387

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	9.3700e-003	0.0120	0.1498	4.3000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		32.4276	32.4276	1.5000e-003		32.4590
Total	9.3700e-003	0.0120	0.1498	4.3000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		32.4276	32.4276	1.5000e-003		32.4590

3.27 Maintenance Crew Equipment Check Phase 2 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4021	12.7004	8.7127	0.0164		0.2949	0.2949		0.2949	0.2949	0.0000	1,626.5318	1,626.5318	0.5146		1,637.3387
Total	0.4021	12.7004	8.7127	0.0164	0.0000	0.2949	0.2949	0.0000	0.2949	0.2949	0.0000	1,626.5318	1,626.5318	0.5146		1,637.3387

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	9.3700e-003	0.0120	0.1498	4.3000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		32.4276	32.4276	1.5000e-003		32.4590
Total	9.3700e-003	0.0120	0.1498	4.3000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		32.4276	32.4276	1.5000e-003		32.4590

3.28 Civil Demo / Grading Phase 3 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0604	0.0000	0.0604	9.1400e-003	0.0000	9.1400e-003			0.0000			0.0000
Off-Road	22.1549	246.5466	161.5565	0.3274		10.9118	10.9118		10.0388	10.0388		32,411.0388	32,411.0388	10.2545		32,626.3835
Total	22.1549	246.5466	161.5565	0.3274	0.0604	10.9118	10.9722	9.1400e-003	10.0388	10.0480		32,411.0388	32,411.0388	10.2545		32,626.3835

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3600	17.9424	16.8820	0.0587	24.6936	0.3115	25.0051	2.7029	0.2865	2.9894		5,636.7437	5,636.7437	0.0431		5,637.6495
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2344	0.2989	3.7449	0.0108	0.8554	6.5700e-003	0.8620	0.2269	6.0900e-003	0.2330		810.6898	810.6898	0.0374		811.4749
Total	1.5944	18.2413	20.6268	0.0695	25.5491	0.3180	25.8671	2.9298	0.2926	3.2224		6,447.4335	6,447.4335	0.0805		6,449.1244

3.28 Civil Demo / Grading Phase 3 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0272	0.0000	0.0272	4.1100e-003	0.0000	4.1100e-003			0.0000			0.0000
Off-Road	9.7235	268.9178	193.8364	0.3274		7.3003	7.3003		7.3003	7.3003	0.0000	32,411.0388	32,411.0388	10.2545		32,626.3835
Total	9.7235	268.9178	193.8364	0.3274	0.0272	7.3003	7.3275	4.1100e-003	7.3003	7.3044	0.0000	32,411.0388	32,411.0388	10.2545		32,626.3835

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3600	17.9424	16.8820	0.0587	7.7969	0.3115	8.1084	1.0161	0.2865	1.3026		5,636.7437	5,636.7437	0.0431		5,637.6495
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2344	0.2989	3.7449	0.0108	0.8554	6.5700e-003	0.8620	0.2269	6.0900e-003	0.2330		810.6898	810.6898	0.0374		811.4749
Total	1.5944	18.2413	20.6268	0.0695	8.6523	0.3180	8.9704	1.2429	0.2926	1.5355		6,447.4335	6,447.4335	0.0805		6,449.1244

3.29 B-Shoo-fly Pole Haul (7) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8692	20.6962	9.4579	0.0277		0.8234	0.8234		0.7576	0.7576		2,744.225 2	2,744.225 2	0.8682		2,762.458 3
Total	1.8692	20.6962	9.4579	0.0277		0.8234	0.8234		0.7576	0.7576		2,744.225 2	2,744.225 2	0.8682		2,762.458 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0139	0.1627	0.1143	6.8000e-004	0.4694	3.6900e-003	0.4731	0.0523	3.4000e-003	0.0557		65.2676	65.2676	3.0000e-004		65.2739
Worker	0.0156	0.0199	0.2497	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.1000e-004	0.0155		54.0460	54.0460	2.4900e-003		54.0983
Total	0.0295	0.1826	0.3639	1.4000e-003	0.5265	4.1300e-003	0.5306	0.0674	3.8100e-003	0.0712		119.3136	119.3136	2.7900e-003		119.3722

3.29 B-Shoo-fly Pole Haul (7) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6796	22.2946	14.7235	0.0277		0.4983	0.4983		0.4983	0.4983	0.0000	2,744.225 2	2,744.225 2	0.8682		2,762.458 3
Total	0.6796	22.2946	14.7235	0.0277		0.4983	0.4983		0.4983	0.4983	0.0000	2,744.225 2	2,744.225 2	0.8682		2,762.458 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0139	0.1627	0.1143	6.8000e-004	0.1496	3.6900e-003	0.1533	0.0204	3.4000e-003	0.0238		65.2676	65.2676	3.0000e-004		65.2739
Worker	0.0156	0.0199	0.2497	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.1000e-004	0.0155		54.0460	54.0460	2.4900e-003		54.0983
Total	0.0295	0.1826	0.3639	1.4000e-003	0.2066	4.1300e-003	0.2107	0.0355	3.8100e-003	0.0393		119.3136	119.3136	2.7900e-003		119.3722

3.30 B-Install Shoo-fly Pole (9) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.8294	42.5367	26.1481	0.0720		1.7118	1.7118		1.5749	1.5749		7,129.1434	7,129.1434	2.2556		7,176.5107
Total	3.8294	42.5367	26.1481	0.0720		1.7118	1.7118		1.5749	1.5749		7,129.1434	7,129.1434	2.2556		7,176.5107

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0139	0.1627	0.1143	6.8000e-004	0.4694	3.6900e-003	0.4731	0.0523	3.4000e-003	0.0557		65.2676	65.2676	3.0000e-004		65.2739
Worker	0.0438	0.0558	0.6990	2.0200e-003	0.1597	1.2300e-003	0.1609	0.0424	1.1400e-003	0.0435		151.3288	151.3288	6.9800e-003		151.4753
Total	0.0576	0.2185	0.8133	2.7000e-003	0.6291	4.9200e-003	0.6340	0.0946	4.5400e-003	0.0992		216.5963	216.5963	7.2800e-003		216.7492

3.30 B-Install Shoo-fly Pole (9) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0398	60.3426	41.0761	0.0720		1.5525	1.5525		1.5525	1.5525	0.0000	7,129.1434	7,129.1434	2.2556		7,176.5107
Total	2.0398	60.3426	41.0761	0.0720		1.5525	1.5525		1.5525	1.5525	0.0000	7,129.1434	7,129.1434	2.2556		7,176.5107

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0139	0.1627	0.1143	6.8000e-004	0.1496	3.6900e-003	0.1533	0.0204	3.4000e-003	0.0238		65.2676	65.2676	3.0000e-004		65.2739
Worker	0.0438	0.0558	0.6990	2.0200e-003	0.1597	1.2300e-003	0.1609	0.0424	1.1400e-003	0.0435		151.3288	151.3288	6.9800e-003		151.4753
Total	0.0576	0.2185	0.8133	2.7000e-003	0.3092	4.9200e-003	0.3142	0.0627	4.5400e-003	0.0672		216.5963	216.5963	7.2800e-003		216.7492

3.31 B-Shoo-fly Pole Assembly (8) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9434	19.3474	10.8443	0.0284		0.8512	0.8512		0.8003	0.8003		2,794.1702	2,794.1702	0.7753		2,810.4506
Total	1.9434	19.3474	10.8443	0.0284		0.8512	0.8512		0.8003	0.8003		2,794.1702	2,794.1702	0.7753		2,810.4506

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0500	0.0638	0.7989	2.3000e-003	0.1825	1.4000e-003	0.1839	0.0484	1.3000e-003	0.0497		172.9472	172.9472	7.9800e-003		173.1146
Total	0.0500	0.0638	0.7989	2.3000e-003	0.1825	1.4000e-003	0.1839	0.0484	1.3000e-003	0.0497		172.9472	172.9472	7.9800e-003		173.1146

3.31 B-Shoo-fly Pole Assembly (8) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7654	22.6175	15.5235	0.0284		0.5805	0.5805		0.5805	0.5805	0.0000	2,794.1702	2,794.1702	0.7753		2,810.4506
Total	0.7654	22.6175	15.5235	0.0284		0.5805	0.5805		0.5805	0.5805	0.0000	2,794.1702	2,794.1702	0.7753		2,810.4506

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0500	0.0638	0.7989	2.3000e-003	0.1825	1.4000e-003	0.1839	0.0484	1.3000e-003	0.0497		172.9472	172.9472	7.9800e-003		173.1146
Total	0.0500	0.0638	0.7989	2.3000e-003	0.1825	1.4000e-003	0.1839	0.0484	1.3000e-003	0.0497		172.9472	172.9472	7.9800e-003		173.1146

3.32 B-Install Shoo-fly Conductor (10) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9434	19.3474	10.8443	0.0284		0.8512	0.8512		0.8003	0.8003		2,794.1702	2,794.1702	0.7753		2,810.4506
Total	1.9434	19.3474	10.8443	0.0284		0.8512	0.8512		0.8003	0.8003		2,794.1702	2,794.1702	0.7753		2,810.4506

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0139	0.1627	0.1143	6.8000e-004	0.4694	3.6900e-003	0.4731	0.0523	3.4000e-003	0.0557		65.2676	65.2676	3.0000e-004		65.2739
Worker	0.0594	0.0757	0.9487	2.7400e-003	0.2167	1.6600e-003	0.2184	0.0575	1.5400e-003	0.0590		205.3748	205.3748	9.4700e-003		205.5736
Total	0.0733	0.2384	1.0630	3.4200e-003	0.6862	5.3500e-003	0.6915	0.1098	4.9400e-003	0.1147		270.6423	270.6423	9.7700e-003		270.8475

3.32 B-Install Shoo-fly Conductor (10) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7654	22.6175	15.5235	0.0284		0.5805	0.5805		0.5805	0.5805	0.0000	2,794.1702	2,794.1702	0.7753		2,810.4506
Total	0.7654	22.6175	15.5235	0.0284		0.5805	0.5805		0.5805	0.5805	0.0000	2,794.1702	2,794.1702	0.7753		2,810.4506

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0139	0.1627	0.1143	6.8000e-004	0.1496	3.6900e-003	0.1533	0.0204	3.4000e-003	0.0238		65.2676	65.2676	3.0000e-004		65.2739
Worker	0.0594	0.0757	0.9487	2.7400e-003	0.2167	1.6600e-003	0.2184	0.0575	1.5400e-003	0.0590		205.3748	205.3748	9.4700e-003		205.5736
Total	0.0733	0.2384	1.0630	3.4200e-003	0.3663	5.3500e-003	0.3716	0.0778	4.9400e-003	0.0828		270.6423	270.6423	9.7700e-003		270.8475

3.33 Civil Installation Phase 3 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	9.7783	105.1087	84.0091	0.1887		4.7730	4.7730		4.3912	4.3912		18,673.5254	18,673.5254	5.9081		18,797.5956
Total	9.7783	105.1087	84.0091	0.1887	0.0000	4.7730	4.7730	0.0000	4.3912	4.3912		18,673.5254	18,673.5254	5.9081		18,797.5956

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4448	5.8679	5.5211	0.0192	8.0758	0.1019	8.1777	0.8840	0.0937	0.9777		1,843.4478	1,843.4478	0.0141		1,843.7441
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2344	0.2989	3.7449	0.0108	0.8554	6.5700e-003	0.8620	0.2269	6.0900e-003	0.2330		810.6898	810.6898	0.0374		811.4749
Total	0.6792	6.1668	9.2660	0.0300	8.9313	0.1084	9.0397	1.1108	0.0998	1.2106		2,654.1377	2,654.1377	0.0515		2,655.2190

3.33 Civil Installation Phase 3 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	6.1552	161.5366	118.5571	0.1887		4.6504	4.6504		4.6504	4.6504	0.0000	18,673.5253	18,673.5253	5.9081		18,797.5955
Total	6.1552	161.5366	118.5571	0.1887	0.0000	4.6504	4.6504	0.0000	4.6504	4.6504	0.0000	18,673.5253	18,673.5253	5.9081		18,797.5955

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4448	5.8679	5.5211	0.0192	2.5499	0.1019	2.6518	0.3323	0.0937	0.4260		1,843.4478	1,843.4478	0.0141		1,843.7441
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2344	0.2989	3.7449	0.0108	0.8554	6.5700e-003	0.8620	0.2269	6.0900e-003	0.2330		810.6898	810.6898	0.0374		811.4749
Total	0.6792	6.1668	9.2660	0.0300	3.4053	0.1084	3.5138	0.5592	0.0998	0.6590		2,654.1377	2,654.1377	0.0515		2,655.2190

3.34 Electrical Phase 3 (Including Wiring) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0007	45.6248	37.5238	0.0633		2.1353	2.1353		1.9871	1.9871		6,235.7664	6,235.7664	1.7759		6,273.0595
Total	4.0007	45.6248	37.5238	0.0633		2.1353	2.1353		1.9871	1.9871		6,235.7664	6,235.7664	1.7759		6,273.0595

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.9400e-003	0.0814	0.0571	3.4000e-004	0.2347	1.8500e-003	0.2366	0.0261	1.7000e-003	0.0278		32.6338	32.6338	1.5000e-004		32.6369
Worker	0.2594	0.3308	4.1443	0.0120	0.9467	7.2700e-003	0.9539	0.2511	6.7400e-003	0.2578		897.1634	897.1634	0.0414		898.0322
Total	0.2663	0.4121	4.2015	0.0123	1.1814	9.1200e-003	1.1905	0.2772	8.4400e-003	0.2856		929.7972	929.7972	0.0415		930.6692

3.34 Electrical Phase 3 (Including Wiring) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4727	56.9644	43.4342	0.0633		1.9527	1.9527		1.9527	1.9527	0.0000	6,235.7664	6,235.7664	1.7759		6,273.0595
Total	2.4727	56.9644	43.4342	0.0633		1.9527	1.9527		1.9527	1.9527	0.0000	6,235.7664	6,235.7664	1.7759		6,273.0595

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.9400e-003	0.0814	0.0571	3.4000e-004	0.0748	1.8500e-003	0.0766	0.0102	1.7000e-003	0.0119		32.6338	32.6338	1.5000e-004		32.6369
Worker	0.2594	0.3308	4.1443	0.0120	0.9467	7.2700e-003	0.9539	0.2511	6.7400e-003	0.2578		897.1634	897.1634	0.0414		898.0322
Total	0.2663	0.4121	4.2015	0.0123	1.0214	9.1200e-003	1.0306	0.2612	8.4400e-003	0.2697		929.7972	929.7972	0.0415		930.6692

3.34 Electrical Phase 3 (Including Wiring) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6793	41.8710	36.9453	0.0634		1.8907	1.8907		1.7591	1.7591		6,117.0718	6,117.0718	1.7704		6,154.2494
Total	3.6793	41.8710	36.9453	0.0634		1.8907	1.8907		1.7591	1.7591		6,117.0718	6,117.0718	1.7704		6,154.2494

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2700e-003	0.0653	0.0516	3.4000e-004	0.2347	1.4700e-003	0.2362	0.0261	1.3500e-003	0.0275		31.8942	31.8942	1.3000e-004		31.8970
Worker	0.2431	0.3067	3.8633	0.0120	0.9467	7.2200e-003	0.9539	0.2511	6.7000e-003	0.2578		860.8539	860.8539	0.0392		861.6768
Total	0.2494	0.3720	3.9149	0.0123	1.1814	8.6900e-003	1.1901	0.2772	8.0500e-003	0.2853		892.7481	892.7481	0.0393		893.5738

3.34 Electrical Phase 3 (Including Wiring) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4727	56.9644	43.4342	0.0634		1.9527	1.9527		1.9527	1.9527	0.0000	6,117.0718	6,117.0718	1.7704		6,154.2494
Total	2.4727	56.9644	43.4342	0.0634		1.9527	1.9527		1.9527	1.9527	0.0000	6,117.0718	6,117.0718	1.7704		6,154.2494

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2700e-003	0.0653	0.0516	3.4000e-004	0.0748	1.4700e-003	0.0763	0.0102	1.3500e-003	0.0115		31.8942	31.8942	1.3000e-004		31.8970
Worker	0.2431	0.3067	3.8633	0.0120	0.9467	7.2200e-003	0.9539	0.2511	6.7000e-003	0.2578		860.8539	860.8539	0.0392		861.6768
Total	0.2494	0.3720	3.9149	0.0123	1.0214	8.6900e-003	1.0301	0.2612	8.0500e-003	0.2693		892.7481	892.7481	0.0393		893.5738

3.35 Testing Phase 3 - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0381	0.0480	0.6051	1.8700e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		134.8325	134.8325	6.1400e-003		134.9614
Total	0.0381	0.0480	0.6051	1.8700e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		134.8325	134.8325	6.1400e-003		134.9614

3.35 Testing Phase 3 - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0381	0.0480	0.6051	1.8700e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		134.8325	134.8325	6.1400e-003		134.9614
Total	0.0381	0.0480	0.6051	1.8700e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		134.8325	134.8325	6.1400e-003		134.9614

3.35 Testing Phase 3 - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0360	0.0449	0.5693	1.8800e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		132.7631	132.7631	5.8800e-003		132.8865
Total	0.0360	0.0449	0.5693	1.8800e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		132.7631	132.7631	5.8800e-003		132.8865

3.35 Testing Phase 3 - 2021

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0360	0.0449	0.5693	1.8800e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		132.7631	132.7631	5.8800e-003		132.8865
Total	0.0360	0.0449	0.5693	1.8800e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		132.7631	132.7631	5.8800e-003		132.8865

3.36 C-Guard Structure Installation (6) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6653	37.5331	23.0967	0.0706		1.4727	1.4727		1.3756	1.3756		6,818.6783	6,818.6783	2.0438		6,861.5971
Total	3.6653	37.5331	23.0967	0.0706		1.4727	1.4727		1.3756	1.3756		6,818.6783	6,818.6783	2.0438		6,861.5971

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0125	0.1305	0.1032	6.8000e-004	0.4694	2.9400e-003	0.4724	0.0523	2.7000e-003	0.0550		63.7884	63.7884	2.7000e-004		63.7940
Worker	0.0234	0.0296	0.3724	1.1500e-003	0.0912	7.0000e-004	0.0919	0.0242	6.5000e-004	0.0248		82.9739	82.9739	3.7800e-003		83.0532
Total	0.0360	0.1601	0.4755	1.8300e-003	0.5607	3.6400e-003	0.5643	0.0765	3.3500e-003	0.0798		146.7623	146.7623	4.0500e-003		146.8472

3.36 C-Guard Structure Installation (6) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8788	57.5013	38.6801	0.0706		1.4146	1.4146		1.4146	1.4146	0.0000	6,818.6783	6,818.6783	2.0438		6,861.5971
Total	1.8788	57.5013	38.6801	0.0706		1.4146	1.4146		1.4146	1.4146	0.0000	6,818.6783	6,818.6783	2.0438		6,861.5971

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0125	0.1305	0.1032	6.8000e-004	0.1496	2.9400e-003	0.1525	0.0204	2.7000e-003	0.0231		63.7884	63.7884	2.7000e-004		63.7940
Worker	0.0234	0.0296	0.3724	1.1500e-003	0.0912	7.0000e-004	0.0919	0.0242	6.5000e-004	0.0248		82.9739	82.9739	3.7800e-003		83.0532
Total	0.0360	0.1601	0.4755	1.8300e-003	0.2408	3.6400e-003	0.2444	0.0446	3.3500e-003	0.0479		146.7623	146.7623	4.0500e-003		146.8472

3.37 D-Remove Existing Conductor & GW (11) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.9243	44.6913	26.9950	0.0632		1.8174	1.8174		1.6721	1.6721		6,124.1023	6,124.1023	1.9807		6,165.6962
Total	3.9243	44.6913	26.9950	0.0632		1.8174	1.8174		1.6721	1.6721		6,124.1023	6,124.1023	1.9807		6,165.6962

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0376	0.3916	0.3095	2.0400e-003	1.4083	8.8100e-003	1.4171	0.1569	8.1100e-003	0.1650		191.3652	191.3652	8.0000e-004		191.3821
Worker	0.0937	0.1182	1.4895	4.6100e-003	0.3650	2.7800e-003	0.3678	0.0968	2.5800e-003	0.0994		331.8955	331.8955	0.0151		332.2127
Total	0.1313	0.5099	1.7990	6.6500e-003	1.7733	0.0116	1.7849	0.2537	0.0107	0.2643		523.2607	523.2607	0.0159		523.5948

3.37 D-Remove Existing Conductor & GW (11) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9070	53.3710	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,124.1023	6,124.1023	1.9807		6,165.6961
Total	1.9070	53.3710	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,124.1023	6,124.1023	1.9807		6,165.6961

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0376	0.3916	0.3095	2.0400e-003	0.4487	8.8100e-003	0.4575	0.0611	8.1100e-003	0.0692		191.3652	191.3652	8.0000e-004		191.3821
Worker	0.0937	0.1182	1.4895	4.6100e-003	0.3650	2.7800e-003	0.3678	0.0968	2.5800e-003	0.0994		331.8955	331.8955	0.0151		332.2127
Total	0.1313	0.5099	1.7990	6.6500e-003	0.8137	0.0116	0.8253	0.1579	0.0107	0.1685		523.2607	523.2607	0.0159		523.5948

3.38 D-LST Removal (12) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.9628	29.3014	17.0524	0.0433		1.3087	1.3087		1.2336	1.2336		4,168.5699	4,168.5699	1.1174		4,192.0356
Total	2.9628	29.3014	17.0524	0.0433		1.3087	1.3087		1.2336	1.2336		4,168.5699	4,168.5699	1.1174		4,192.0356

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0252	0.3035	0.3147	1.1100e-003	0.4675	5.8500e-003	0.4733	0.0512	5.3800e-003	0.0566		104.3095	104.3095	8.2000e-004		104.3266
Vendor	0.0125	0.1305	0.1032	6.8000e-004	0.4694	2.9400e-003	0.4724	0.0523	2.7000e-003	0.0550		63.7884	63.7884	2.7000e-004		63.7940
Worker	0.0410	0.0517	0.6516	2.0200e-003	0.1597	1.2200e-003	0.1609	0.0424	1.1300e-003	0.0435		145.2043	145.2043	6.6100e-003		145.3431
Total	0.0787	0.4858	1.0695	3.8100e-003	1.0966	0.0100	1.1066	0.1458	9.2100e-003	0.1550		313.3021	313.3021	7.7000e-003		313.4637

3.38 D-LST Removal (12) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1980	34.9331	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,168.5699	4,168.5699	1.1174		4,192.0356
Total	1.1980	34.9331	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,168.5699	4,168.5699	1.1174		4,192.0356

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0252	0.3035	0.3147	1.1100e-003	0.1476	5.8500e-003	0.1535	0.0192	5.3800e-003	0.0246		104.3095	104.3095	8.2000e-004		104.3266
Vendor	0.0125	0.1305	0.1032	6.8000e-004	0.1496	2.9400e-003	0.1525	0.0204	2.7000e-003	0.0231		63.7884	63.7884	2.7000e-004		63.7940
Worker	0.0410	0.0517	0.6516	2.0200e-003	0.1597	1.2200e-003	0.1609	0.0424	1.1300e-003	0.0435		145.2043	145.2043	6.6100e-003		145.3431
Total	0.0787	0.4858	1.0695	3.8100e-003	0.4569	0.0100	0.4669	0.0819	9.2100e-003	0.0912		313.3021	313.3021	7.7000e-003		313.4637

3.39 D-LST Foundation Removal (13) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4698	21.8319	20.7311	0.0407		1.1389	1.1389		1.0774	1.0774		3,921.3819	3,921.3819	1.0375		3,943.1687
Total	2.4698	21.8319	20.7311	0.0407		1.1389	1.1389		1.0774	1.0774		3,921.3819	3,921.3819	1.0375		3,943.1687

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0252	0.3035	0.3147	1.1100e-003	0.4675	5.8500e-003	0.4733	0.0512	5.3800e-003	0.0566		104.3095	104.3095	8.2000e-004		104.3266
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0293	0.0370	0.4655	1.4400e-003	0.1141	8.7000e-004	0.1149	0.0303	8.1000e-004	0.0311		103.7173	103.7173	4.7200e-003		103.8165
Total	0.0545	0.3404	0.7801	2.5500e-003	0.5816	6.7200e-003	0.5883	0.0814	6.1900e-003	0.0876		208.0268	208.0268	5.5400e-003		208.1431

3.39 D-LST Foundation Removal (13) - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	3,921.3819	3,921.3819	1.0375		3,943.1687
Total	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	3,921.3819	3,921.3819	1.0375		3,943.1687

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0252	0.3035	0.3147	1.1100e-003	0.1476	5.8500e-003	0.1535	0.0192	5.3800e-003	0.0246		104.3095	104.3095	8.2000e-004		104.3266
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0293	0.0370	0.4655	1.4400e-003	0.1141	8.7000e-004	0.1149	0.0303	8.1000e-004	0.0311		103.7173	103.7173	4.7200e-003		103.8165
Total	0.0545	0.3404	0.7801	2.5500e-003	0.2617	6.7200e-003	0.2684	0.0495	6.1900e-003	0.0557		208.0268	208.0268	5.5400e-003		208.1431

3.40 C-Install LST Foundations (17) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.7988	39.6788	24.7037	0.0748		1.5718	1.5718		1.4501	1.4501		7,175.9420	7,175.9420	2.2820		7,223.8643
Total	3.7988	39.6788	24.7037	0.0748		1.5718	1.5718		1.4501	1.4501		7,175.9420	7,175.9420	2.2820		7,223.8643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6170	7.4353	7.7093	0.0272	11.4536	0.1432	11.5968	1.2537	0.1318	1.3855		2,555.5816	2,555.5816	0.0200		2,556.0025
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0591	0.7447	2.3000e-003	0.1825	1.3900e-003	0.1839	0.0484	1.2900e-003	0.0497		165.9477	165.9477	7.5500e-003		166.1064
Total	0.6639	7.4944	8.4541	0.0295	11.6361	0.1446	11.7807	1.3021	0.1331	1.4352		2,721.5294	2,721.5294	0.0276		2,722.1089

3.40 C-Install LST Foundations (17) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9533	60.0683	40.2906	0.0748		1.4693	1.4693		1.4693	1.4693	0.0000	7,175.9419	7,175.9419	2.2820		7,223.8643
Total	1.9533	60.0683	40.2906	0.0748		1.4693	1.4693		1.4693	1.4693	0.0000	7,175.9419	7,175.9419	2.2820		7,223.8643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6170	7.4353	7.7093	0.0272	3.6165	0.1432	3.7597	0.4713	0.1318	0.6031		2,555.5816	2,555.5816	0.0200		2,556.0025
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0591	0.7447	2.3000e-003	0.1825	1.3900e-003	0.1839	0.0484	1.2900e-003	0.0497		165.9477	165.9477	7.5500e-003		166.1064
Total	0.6639	7.4944	8.4541	0.0295	3.7990	0.1446	3.9436	0.5197	0.1331	0.6528		2,721.5294	2,721.5294	0.0276		2,722.1089

3.41 C-LST Steel Haul (18) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1128	10.4591	7.0995	0.0195		0.4798	0.4798		0.4415	0.4415		1,886.3875	1,886.3875	0.6101		1,899.1995
Total	1.1128	10.4591	7.0995	0.0195		0.4798	0.4798		0.4415	0.4415		1,886.3875	1,886.3875	0.6101		1,899.1995

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0125	0.1305	0.1032	6.8000e-004	0.4694	2.9400e-003	0.4724	0.0523	2.7000e-003	0.0550		63.7884	63.7884	2.7000e-004		63.7940
Worker	0.0146	0.0185	0.2327	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		51.8587	51.8587	2.3600e-003		51.9082
Total	0.0272	0.1490	0.3359	1.4000e-003	0.5265	3.3800e-003	0.5298	0.0674	3.1000e-003	0.0705		115.6471	115.6471	2.6300e-003		115.7023

3.41 C-LST Steel Haul (18) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	1,886.3875	1,886.3875	0.6101		1,899.1995
Total	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	1,886.3875	1,886.3875	0.6101		1,899.1995

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0125	0.1305	0.1032	6.8000e-004	0.1496	2.9400e-003	0.1525	0.0204	2.7000e-003	0.0231		63.7884	63.7884	2.7000e-004		63.7940
Worker	0.0146	0.0185	0.2327	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		51.8587	51.8587	2.3600e-003		51.9082
Total	0.0272	0.1490	0.3359	1.4000e-003	0.2066	3.3800e-003	0.2100	0.0355	3.1000e-003	0.0386		115.6471	115.6471	2.6300e-003		115.7023

3.42 C-LST Steel Assembly (19) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9261	19.3867	11.5127	0.0237		0.9717	0.9717		0.9146	0.9146		2,282.5026	2,282.5026	0.5767		2,294.6125
Total	1.9261	19.3867	11.5127	0.0237		0.9717	0.9717		0.9146	0.9146		2,282.5026	2,282.5026	0.5767		2,294.6125

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0703	0.0887	1.1171	3.4600e-003	0.2737	2.0900e-003	0.2758	0.0726	1.9400e-003	0.0745		248.9216	248.9216	0.0113		249.1596
Total	0.0703	0.0887	1.1171	3.4600e-003	0.2737	2.0900e-003	0.2758	0.0726	1.9400e-003	0.0745		248.9216	248.9216	0.0113		249.1596

3.42 C-LST Steel Assembly (19) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7389	20.0913	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,282.5026	2,282.5026	0.5767		2,294.6125
Total	0.7389	20.0913	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,282.5026	2,282.5026	0.5767		2,294.6125

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0703	0.0887	1.1171	3.4600e-003	0.2737	2.0900e-003	0.2758	0.0726	1.9400e-003	0.0745		248.9216	248.9216	0.0113		249.1596
Total	0.0703	0.0887	1.1171	3.4600e-003	0.2737	2.0900e-003	0.2758	0.0726	1.9400e-003	0.0745		248.9216	248.9216	0.0113		249.1596

3.43 C-LST Erection (20) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.3322	42.0480	25.2680	0.0665		1.8518	1.8518		1.7451	1.7451		6,407.5071	6,407.5071	1.7492		6,444.2407
Total	4.3322	42.0480	25.2680	0.0665		1.8518	1.8518		1.7451	1.7451		6,407.5071	6,407.5071	1.7492		6,444.2407

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0820	0.1035	1.3033	4.0300e-003	0.3194	2.4400e-003	0.3218	0.0847	2.2600e-003	0.0870		290.4085	290.4085	0.0132		290.6861
Total	0.0820	0.1035	1.3033	4.0300e-003	0.3194	2.4400e-003	0.3218	0.0847	2.2600e-003	0.0870		290.4085	290.4085	0.0132		290.6861

3.43 C-LST Erection (20) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8213	53.1686	36.4955	0.0665		1.3896	1.3896		1.3896	1.3896	0.0000	6,407.5071	6,407.5071	1.7492		6,444.2407
Total	1.8213	53.1686	36.4955	0.0665		1.3896	1.3896		1.3896	1.3896	0.0000	6,407.5071	6,407.5071	1.7492		6,444.2407

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0820	0.1035	1.3033	4.0300e-003	0.3194	2.4400e-003	0.3218	0.0847	2.2600e-003	0.0870		290.4085	290.4085	0.0132		290.6861
Total	0.0820	0.1035	1.3033	4.0300e-003	0.3194	2.4400e-003	0.3218	0.0847	2.2600e-003	0.0870		290.4085	290.4085	0.0132		290.6861

3.44 D-Install/Transfer Conductor (25) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	7.7410	85.8573	53.8533	0.0998		4.2654	4.2654		3.9242	3.9242		9,671.6685	9,671.6685	3.1280		9,737.3568
Total	7.7410	85.8573	53.8533	0.0998		4.2654	4.2654		3.9242	3.9242		9,671.6685	9,671.6685	3.1280		9,737.3568

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0188	0.1958	0.1548	1.0200e-003	0.7042	4.4100e-003	0.7086	0.0784	4.0500e-003	0.0825		95.6826	95.6826	4.0000e-004		95.6910
Worker	0.0996	0.1256	1.5826	4.9000e-003	0.3878	2.9600e-003	0.3908	0.1028	2.7400e-003	0.1056		352.6389	352.6389	0.0161		352.9760
Total	0.1184	0.3214	1.7373	5.9200e-003	1.0920	7.3700e-003	1.0993	0.1813	6.7900e-003	0.1881		448.3216	448.3216	0.0165		448.6671

3.44 D-Install/Transfer Conductor (25) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4553	88.7839	65.1527	0.0998		2.6207	2.6207		2.6207	2.6207	0.0000	9,671.6685	9,671.6685	3.1280		9,737.3568
Total	3.4553	88.7839	65.1527	0.0998		2.6207	2.6207		2.6207	2.6207	0.0000	9,671.6685	9,671.6685	3.1280		9,737.3568

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0188	0.1958	0.1548	1.0200e-003	0.2243	4.4100e-003	0.2288	0.0305	4.0500e-003	0.0346		95.6826	95.6826	4.0000e-004		95.6910
Worker	0.0996	0.1256	1.5826	4.9000e-003	0.3878	2.9600e-003	0.3908	0.1028	2.7400e-003	0.1056		352.6389	352.6389	0.0161		352.9760
Total	0.1184	0.3214	1.7373	5.9200e-003	0.6121	7.3700e-003	0.6195	0.1334	6.7900e-003	0.1402		448.3216	448.3216	0.0165		448.6671

3.45 C-Guard Structure Removal (28) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5475	25.7719	15.5323	0.0395		1.1066	1.1066		1.0388	1.0388		3,813.8228	3,813.8228	1.0719		3,836.3330
Total	2.5475	25.7719	15.5323	0.0395		1.1066	1.1066		1.0388	1.0388		3,813.8228	3,813.8228	1.0719		3,836.3330

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0125	0.1305	0.1032	6.8000e-004	0.4694	2.9400e-003	0.4724	0.0523	2.7000e-003	0.0550		63.7884	63.7884	2.7000e-004		63.7940
Worker	0.0234	0.0296	0.3724	1.1500e-003	0.0912	7.0000e-004	0.0919	0.0242	6.5000e-004	0.0248		82.9739	82.9739	3.7800e-003		83.0532
Total	0.0360	0.1601	0.4755	1.8300e-003	0.5607	3.6400e-003	0.5643	0.0765	3.3500e-003	0.0798		146.7623	146.7623	4.0500e-003		146.8472

3.45 C-Guard Structure Removal (28) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1121	32.1948	22.0696	0.0395		0.8524	0.8524		0.8524	0.8524	0.0000	3,813.8227	3,813.8227	1.0719		3,836.3330
Total	1.1121	32.1948	22.0696	0.0395		0.8524	0.8524		0.8524	0.8524	0.0000	3,813.8227	3,813.8227	1.0719		3,836.3330

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0125	0.1305	0.1032	6.8000e-004	0.1496	2.9400e-003	0.1525	0.0204	2.7000e-003	0.0231		63.7884	63.7884	2.7000e-004		63.7940
Worker	0.0234	0.0296	0.3724	1.1500e-003	0.0912	7.0000e-004	0.0919	0.0242	6.5000e-004	0.0248		82.9739	82.9739	3.7800e-003		83.0532
Total	0.0360	0.1601	0.4755	1.8300e-003	0.2408	3.6400e-003	0.2444	0.0446	3.3500e-003	0.0479		146.7623	146.7623	4.0500e-003		146.8472

3.46 Restoration (33) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.3342	32.0294	21.8087	0.0500		1.5024	1.5024		1.3836	1.3836		4,819.9271	4,819.9271	1.5456		4,852.3850
Total	3.3342	32.0294	21.8087	0.0500	0.0000	1.5024	1.5024	0.0000	1.3836	1.3836		4,819.9271	4,819.9271	1.5456		4,852.3850

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2700e-003	0.0653	0.0516	3.4000e-004	0.2347	1.4700e-003	0.2362	0.0261	1.3500e-003	0.0275		31.8942	31.8942	1.3000e-004		31.8970
Worker	0.0264	0.0333	0.4189	1.3000e-003	0.1027	7.8000e-004	0.1034	0.0272	7.3000e-004	0.0280		93.3456	93.3456	4.2500e-003		93.4348
Total	0.0326	0.0985	0.4705	1.6400e-003	0.3374	2.2500e-003	0.3396	0.0534	2.0800e-003	0.0555		125.2398	125.2398	4.3800e-003		125.3318

3.46 Restoration (33) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.4774	39.8444	29.6709	0.0500		1.0843	1.0843		1.0843	1.0843	0.0000	4,819.9271	4,819.9271	1.5456		4,852.3850
Total	1.4774	39.8444	29.6709	0.0500	0.0000	1.0843	1.0843	0.0000	1.0843	1.0843	0.0000	4,819.9271	4,819.9271	1.5456		4,852.3850

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2700e-003	0.0653	0.0516	3.4000e-004	0.0748	1.4700e-003	0.0763	0.0102	1.3500e-003	0.0115		31.8942	31.8942	1.3000e-004		31.8970
Worker	0.0264	0.0333	0.4189	1.3000e-003	0.1027	7.8000e-004	0.1034	0.0272	7.3000e-004	0.0280		93.3456	93.3456	4.2500e-003		93.4348
Total	0.0326	0.0985	0.4705	1.6400e-003	0.1774	2.2500e-003	0.1797	0.0374	2.0800e-003	0.0395		125.2398	125.2398	4.3800e-003		125.3318

3.47 Maintenance Crew Equipment Check Phase 3 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2371	11.7961	7.1084	0.0246		0.4298	0.4298		0.3954	0.3954		2,385.4888	2,385.4888	0.7715		2,401.6906
Total	1.2371	11.7961	7.1084	0.0246	0.0000	0.4298	0.4298	0.0000	0.3954	0.3954		2,385.4888	2,385.4888	0.7715		2,401.6906

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0146	0.0185	0.2327	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		51.8587	51.8587	2.3600e-003		51.9082
Total	0.0146	0.0185	0.2327	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		51.8587	51.8587	2.3600e-003		51.9082

3.47 Maintenance Crew Equipment Check Phase 3 - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6032	19.0506	13.0690	0.0246		0.4423	0.4423		0.4423	0.4423	0.0000	2,385.4888	2,385.4888	0.7715		2,401.6906
Total	0.6032	19.0506	13.0690	0.0246	0.0000	0.4423	0.4423	0.0000	0.4423	0.4423	0.0000	2,385.4888	2,385.4888	0.7715		2,401.6906

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0146	0.0185	0.2327	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		51.8587	51.8587	2.3600e-003		51.9082
Total	0.0146	0.0185	0.2327	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		51.8587	51.8587	2.3600e-003		51.9082

3.47 Maintenance Crew Equipment Check Phase 3 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1304	9.8197	6.7245	0.0246		0.3602	0.3602		0.3314	0.3314		2,385.304 1	2,385.304 1	0.7715		2,401.504 7
Total	1.1304	9.8197	6.7245	0.0246	0.0000	0.3602	0.3602	0.0000	0.3314	0.3314		2,385.304 1	2,385.304 1	0.7715		2,401.504 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0139	0.0173	0.2190	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		51.0627	51.0627	2.2600e-003		51.1102
Total	0.0139	0.0173	0.2190	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		51.0627	51.0627	2.2600e-003		51.1102

3.47 Maintenance Crew Equipment Check Phase 3 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6032	19.0506	13.0690	0.0246		0.4423	0.4423		0.4423	0.4423	0.0000	2,385.304 1	2,385.304 1	0.7715		2,401.504 7
Total	0.6032	19.0506	13.0690	0.0246	0.0000	0.4423	0.4423	0.0000	0.4423	0.4423	0.0000	2,385.304 1	2,385.304 1	0.7715		2,401.504 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0139	0.0173	0.2190	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		51.0627	51.0627	2.2600e-003		51.1102
Total	0.0139	0.0173	0.2190	7.2000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		51.0627	51.0627	2.2600e-003		51.1102

3.48 B-Guard Structure Removal (28) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5475	25.7719	15.5323	0.0395		1.1066	1.1066		1.0388	1.0388		3,813.8228	3,813.8228	1.0719		3,836.3330
Total	2.5475	25.7719	15.5323	0.0395		1.1066	1.1066		1.0388	1.0388		3,813.8228	3,813.8228	1.0719		3,836.3330

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0125	0.1305	0.1032	6.8000e-004	0.4694	2.9400e-003	0.4724	0.0523	2.7000e-003	0.0550		63.7884	63.7884	2.7000e-004		63.7940
Worker	0.0469	0.0591	0.7447	2.3000e-003	0.1825	1.3900e-003	0.1839	0.0484	1.2900e-003	0.0497		165.9477	165.9477	7.5500e-003		166.1064
Total	0.0594	0.1897	0.8479	2.9800e-003	0.6519	4.3300e-003	0.6563	0.1007	3.9900e-003	0.1047		229.7362	229.7362	7.8200e-003		229.9004

3.48 B-Guard Structure Removal (28) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1121	32.1948	22.0696	0.0395		0.8524	0.8524		0.8524	0.8524	0.0000	3,813.8227	3,813.8227	1.0719		3,836.3330
Total	1.1121	32.1948	22.0696	0.0395		0.8524	0.8524		0.8524	0.8524	0.0000	3,813.8227	3,813.8227	1.0719		3,836.3330

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0125	0.1305	0.1032	6.8000e-004	0.1496	2.9400e-003	0.1525	0.0204	2.7000e-003	0.0231		63.7884	63.7884	2.7000e-004		63.7940
Worker	0.0469	0.0591	0.7447	2.3000e-003	0.1825	1.3900e-003	0.1839	0.0484	1.2900e-003	0.0497		165.9477	165.9477	7.5500e-003		166.1064
Total	0.0594	0.1897	0.8479	2.9800e-003	0.3321	4.3300e-003	0.3364	0.0688	3.9900e-003	0.0728		229.7362	229.7362	7.8200e-003		229.9004

3.49 Asphaltting & Fencing Phase 3 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1258	21.6036	20.1554	0.0293		1.2555	1.2555		1.1559	1.1559		2,827.3531	2,827.3531	0.9061		2,846.3813
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1258	21.6036	20.1554	0.0293		1.2555	1.2555		1.1559	1.1559		2,827.3531	2,827.3531	0.9061		2,846.3813

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3310	3.9891	4.1361	0.0146	14.0719	0.0769	14.1488	1.5127	0.0707	1.5834		1,371.0898	1,371.0898	0.0108		1,371.3156
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0849	0.1072	1.3498	4.1800e-003	0.3308	2.5200e-003	0.3333	0.0877	2.3400e-003	0.0901		300.7803	300.7803	0.0137		301.0678
Total	0.4160	4.0963	5.4859	0.0188	14.4027	0.0794	14.4821	1.6005	0.0730	1.6735		1,671.8701	1,671.8701	0.0244		1,672.3834

3.49 Asphaltting & Fencing Phase 3 - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2472	26.4312	21.8268	0.0293		0.9572	0.9572		0.9572	0.9572	0.0000	2,827.3531	2,827.3531	0.9061		2,846.3813
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2472	26.4312	21.8268	0.0293		0.9572	0.9572		0.9572	0.9572	0.0000	2,827.3531	2,827.3531	0.9061		2,846.3813

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3310	3.9891	4.1361	0.0146	4.3688	0.0769	4.4457	0.5441	0.0707	0.6147		1,371.0898	1,371.0898	0.0108		1,371.3156
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0849	0.1072	1.3498	4.1800e-003	0.3308	2.5200e-003	0.3333	0.0877	2.3400e-003	0.0901		300.7803	300.7803	0.0137		301.0678
Total	0.4160	4.0963	5.4859	0.0188	4.6996	0.0794	4.7790	0.6318	0.0730	0.7048		1,671.8701	1,671.8701	0.0244		1,672.3834

3.49 Asphaltting & Fencing Phase 3 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9007	19.2740	19.9896	0.0293		1.0825	1.0825		0.9967	0.9967		2,827.1367	2,827.1367	0.9060		2,846.1634
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9007	19.2740	19.9896	0.0293		1.0825	1.0825		0.9967	0.9967		2,827.1367	2,827.1367	0.9060		2,846.1634

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3285	3.5018	4.0929	0.0146	10.7805	0.0762	10.8566	1.1639	0.0701	1.2340		1,370.5904	1,370.5904	0.0110		1,370.8207
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0804	0.1002	1.2700	4.1900e-003	0.3308	2.5300e-003	0.3333	0.0877	2.3400e-003	0.0901		296.1639	296.1639	0.0131		296.4391
Total	0.4089	3.6020	5.3629	0.0188	11.1112	0.0787	11.1899	1.2516	0.0724	1.3240		1,666.7542	1,666.7542	0.0241		1,667.2598

3.49 Asphaltting & Fencing Phase 3 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2472	26.4312	21.8268	0.0293		0.9572	0.9572		0.9572	0.9572	0.0000	2,827.1367	2,827.1367	0.9060		2,846.1634
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2472	26.4312	21.8268	0.0293		0.9572	0.9572		0.9572	0.9572	0.0000	2,827.1367	2,827.1367	0.9060		2,846.1634

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3285	3.5018	4.0929	0.0146	3.3605	0.0762	3.4366	0.4231	0.0701	0.4932		1,370.5904	1,370.5904	0.0110		1,370.8207
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0804	0.1002	1.2700	4.1900e-003	0.3308	2.5300e-003	0.3333	0.0877	2.3400e-003	0.0901		296.1639	296.1639	0.0131		296.4391
Total	0.4089	3.6020	5.3629	0.0188	3.6912	0.0787	3.7699	0.5109	0.0724	0.5833		1,666.7542	1,666.7542	0.0241		1,667.2598

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

4.2 Trip Summary Information

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

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507717	0.059700	0.181648	0.140055	0.042936	0.006749	0.016265	0.033349	0.001955	0.002502	0.004345	0.000573	0.002206

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

6.0 Area Detail

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

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

6.2 Area by SubCategory

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Mesa 500 kV Substation Project

South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Equipment list and construction schedule provided by SCE.

Land Use -

Construction Phase - Construction schedule provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

Off-road Equipment - Equipment list provided by SCE

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 Off-road Equipment - Equipment list provided by SCE
 Off-road Equipment - Equipment list provided by SCE
 Off-road Equipment - Equipment list provided by SCE
 Off-road Equipment - Equipment list provided by SCE

Trips and VMT - Equipment list and schedule provided by SCE. All trips assumed to be 15 miles total.

On-road Fugitive Dust - Assume worker trips to be 100% paved, the remaining trips assumed to be 99% paved.

Grading - Quantities based on Chapter 3 - Project Description

Road Dust -

Energy Use -

Construction Off-road Equipment Mitigation - Mitigation requirements taken from Chapter 3 - Project Description

Table Name	Column Name	Default Value	New Value
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
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tblConstructionPhase	PhaseEndDate	7/27/2018	7/30/2018
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tblConstructionPhase	PhaseEndDate	11/19/2018	8/1/2018
tblConstructionPhase	PhaseEndDate	8/4/2018	8/3/2018

tblConstructionPhase	PhaseEndDate	11/19/2018	11/17/2018
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tblConstructionPhase	PhaseEndDate	7/1/2019	1/18/2019
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tblConstructionPhase	PhaseEndDate	1/21/2019	1/18/2019
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tblConstructionPhase	PhaseEndDate	11/5/2020	11/4/2020
tblConstructionPhase	PhaseEndDate	11/6/2020	11/16/2020
tblConstructionPhase	PhaseEndDate	5/4/2021	11/19/2020
tblConstructionPhase	PhaseEndDate	12/14/2022	12/31/2020
tblConstructionPhase	PhaseEndDate	1/2/2024	12/31/2020
tblConstructionPhase	PhaseEndDate	7/30/2018	7/27/2018
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tblConstructionPhase	PhaseStartDate	6/29/2018	6/27/2018
tblConstructionPhase	PhaseStartDate	7/21/2018	7/2/2018
tblConstructionPhase	PhaseStartDate	8/25/2018	7/11/2018
tblConstructionPhase	PhaseStartDate	8/4/2018	7/16/2018
tblConstructionPhase	PhaseStartDate	11/17/2018	7/20/2018
tblConstructionPhase	PhaseStartDate	11/17/2018	7/21/2018
tblConstructionPhase	PhaseStartDate	7/26/2018	7/28/2018
tblConstructionPhase	PhaseStartDate	7/31/2018	7/30/2018
tblConstructionPhase	PhaseStartDate	11/17/2018	7/31/2018
tblConstructionPhase	PhaseStartDate	8/2/2018	8/1/2018
tblConstructionPhase	PhaseStartDate	8/4/2018	8/3/2018
tblConstructionPhase	PhaseStartDate	11/18/2018	9/2/2018
tblConstructionPhase	PhaseStartDate	6/29/2019	1/17/2019
tblConstructionPhase	PhaseStartDate	1/19/2019	1/18/2019
tblConstructionPhase	PhaseStartDate	1/20/2019	1/18/2019
tblConstructionPhase	PhaseStartDate	12/14/2019	12/16/2019
tblConstructionPhase	PhaseStartDate	11/14/2020	2/3/2020
tblConstructionPhase	PhaseStartDate	5/1/2021	9/1/2020
tblConstructionPhase	PhaseStartDate	9/5/2020	9/4/2020
tblConstructionPhase	PhaseStartDate	9/15/2020	9/14/2020
tblConstructionPhase	PhaseStartDate	9/17/2020	9/16/2020

tblConstructionPhase	PhaseStartDate	9/24/2020	9/23/2020
tblConstructionPhase	PhaseStartDate	9/25/2020	9/24/2020
tblConstructionPhase	PhaseStartDate	9/30/2020	9/26/2020
tblConstructionPhase	PhaseStartDate	10/2/2020	10/1/2020
tblConstructionPhase	PhaseStartDate	11/5/2020	11/14/2020
tblConstructionPhase	PhaseStartDate	5/1/2021	11/17/2020
tblConstructionPhase	PhaseStartDate	12/14/2019	1/1/2018
tblConstructionPhase	PhaseStartDate	1/1/2021	1/1/2018
tblConstructionPhase	PhaseStartDate	6/6/2018	6/4/2018
tblConstructionPhase	PhaseStartDate	1/12/2019	1/14/2019
tblConstructionPhase	PhaseStartDate	1/24/2019	5/6/2019
tblConstructionPhase	PhaseStartDate	6/2/2018	1/1/2018
tblConstructionPhase	PhaseStartDate	11/20/2020	11/17/2020
tblConstructionPhase	PhaseStartDate	1/1/2021	1/1/2018
tblConstructionPhase	PhaseStartDate	12/14/2019	1/1/2018
tblConstructionPhase	PhaseStartDate	1/12/2019	11/19/2018
tblConstructionPhase	PhaseStartDate	11/14/2020	1/1/2018
tblConstructionPhase	PhaseStartDate	11/14/2020	1/1/2018
tblConstructionPhase	PhaseStartDate	11/17/2020	11/16/2020
tblConstructionPhase	PhaseStartDate	11/28/2020	11/16/2020
tblConstructionPhase	PhaseStartDate	6/2/2018	1/1/2018
tblGrading	AcresOfGrading	205.63	0.00
tblGrading	AcresOfGrading	1,519.38	0.00
tblGrading	AcresOfGrading	2,291.25	0.00
tblGrading	AcresOfGrading	9.63	0.00
tblGrading	MaterialExported	0.00	8,929.00
tblGrading	MaterialExported	0.00	36,286.00
tblGrading	MaterialImported	0.00	9,860.00

tblGrading	MaterialImported	0.00	40,070.00
tblOffRoadEquipment	HorsePower	400.00	171.00
tblOffRoadEquipment	LoadFactor	0.38	0.42
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	5.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tbloffRoadEquipment	UsageHours	4.00	0.00
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tbloffRoadEquipment	UsageHours	4.00	7.00
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tbloffRoadEquipment	UsageHours	4.00	5.00
tbloffRoadEquipment	UsageHours	4.00	10.00
tbloffRoadEquipment	UsageHours	4.00	8.00
tbloffRoadEquipment	UsageHours	4.00	0.00
tbloffRoadEquipment	UsageHours	4.00	7.00
tbloffRoadEquipment	UsageHours	4.00	0.00
tbloffRoadEquipment	UsageHours	4.00	8.00
tbloffRoadEquipment	UsageHours	4.00	6.00
tbloffRoadEquipment	UsageHours	4.00	10.00

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tbloffRoadEquipment	UsageHours	4.00	8.00
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tbloffRoadEquipment	UsageHours	4.00	7.00
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tbloffRoadEquipment	UsageHours	4.00	0.00
tbloffRoadEquipment	UsageHours	4.00	8.00
tbloffRoadEquipment	UsageHours	4.00	0.00
tbloffRoadEquipment	UsageHours	4.00	10.00
tbloffRoadEquipment	UsageHours	4.00	5.00
tbloffRoadEquipment	UsageHours	4.00	7.00
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tbloffRoadEquipment	UsageHours	4.00	0.00
tbloffRoadEquipment	UsageHours	4.00	7.00

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tbloffRoadEquipment	UsageHours	4.00	10.00
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tbloffRoadEquipment	UsageHours	6.00	8.00
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tbloffRoadEquipment	UsageHours	6.00	0.00
tbloffRoadEquipment	UsageHours	6.00	0.00

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tbloffRoadEquipment	UsageHours	8.00	10.00
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tbloffRoadEquipment	UsageHours	8.00	0.00
tbloffRoadEquipment	UsageHours	8.00	10.00
tbloffRoadEquipment	UsageHours	8.00	10.00
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tbloffRoadEquipment	UsageHours	8.00	0.00
tbloffRoadEquipment	UsageHours	8.00	0.00

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tbloffRoadEquipment	UsageHours	6.00	10.00
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tbloffRoadEquipment	UsageHours	8.00	0.00
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tblOnRoadDust	HaulingPercentPave	100.00	99.00

tblOnRoadDust	VendorPercentPave	100.00	99.00
tblOnRoadDust	VendorPercentPave	100.00	99.00
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tblOnRoadDust	VendorPercentPave	100.00	99.00
tblOnRoadDust	VendorPercentPave	100.00	99.00
tblOnRoadDust	VendorPercentPave	100.00	99.00
tblProjectCharacteristics	OperationalYear	2014	2021
tblTripsAndVMT	HaulingTripNumber	0.00	784.00
tblTripsAndVMT	HaulingTripNumber	2,349.00	4,894.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,625.00
tblTripsAndVMT	HaulingTripNumber	0.00	46.00
tblTripsAndVMT	HaulingTripNumber	9,545.00	15,107.00
tblTripsAndVMT	HaulingTripNumber	0.00	6,599.00
tblTripsAndVMT	HaulingTripNumber	0.00	6.00
tblTripsAndVMT	HaulingTripNumber	0.00	6.00
tblTripsAndVMT	HaulingTripNumber	0.00	196.00
tblTripsAndVMT	HaulingTripNumber	0.00	2,366.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,232.00
tblTripsAndVMT	HaulingTripNumber	0.00	717.00
tblTripsAndVMT	HaulingVehicleClass		HHDT
tblTripsAndVMT	HaulingVehicleClass		HHDT
tblTripsAndVMT	HaulingVehicleClass		HHDT
tblTripsAndVMT	HaulingVehicleClass		HHDT

tblTripsAndVMT	WorkerTripNumber	0.00	50.00
tblTripsAndVMT	WorkerTripNumber	0.00	53.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	53.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	34.00
tblTripsAndVMT	WorkerTripNumber	0.00	13.00
tblTripsAndVMT	WorkerTripNumber	5.00	3.00
tblTripsAndVMT	WorkerTripNumber	93.00	75.00
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tblTripsAndVMT	WorkerTripNumber	0.00	14.00
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tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	19.00
tblTripsAndVMT	WorkerTripNumber	0.00	83.00
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tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	32.00
tblTripsAndVMT	WorkerTripNumber	0.00	14.00
tblTripsAndVMT	WorkerTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	13.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblTripsAndVMT	WorkerTripNumber	0.00	24.00
tblTripsAndVMT	WorkerTripNumber	0.00	28.00

tblTripsAndVMT	WorkerVehicleClass	LD_Mix
tblTripsAndVMT	WorkerVehicleClass	LD_Mix

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	45.0020	491.3596	326.0167	0.6952	39.1493	22.1354	61.2846	4.6932	20.4409	25.1341	0.0000	68,885.82 43	68,885.82 43	17.9033	0.0000	69,261.79 33
2019	44.2231	480.0201	352.2969	0.7506	36.2825	21.1552	57.4377	4.3244	19.4801	23.8045	0.0000	73,413.80 53	73,413.80 53	20.2384	0.0000	73,838.81 13
2020	18.0114	188.3795	139.1823	0.2796	15.8368	8.9929	20.6418	1.8725	8.3346	9.0401	0.0000	26,393.34 89	26,393.34 89	7.4467	0.0000	26,549.73 04
2021	3.5086	32.8931	33.4335	0.0749	11.3165	1.5231	12.8396	1.3061	1.4022	2.7082	0.0000	7,028.518 8	7,028.518 8	1.7099	0.0000	7,064.427 1
Total	110.7452	1,192.652 3	850.9294	1.8003	102.5851	53.8066	152.2038	12.1961	49.6577	60.6868	0.0000	175,721.4 973	175,721.4 973	47.2983	0.0000	176,714.7 620

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Survey	Site Preparation	1/1/2018	12/13/2019	6	611	
2	Survey (1)	Site Preparation	1/1/2018	11/13/2020	6	899	
3	Construction and Materials Yard (2)	Site Preparation	1/1/2018	11/13/2020	6	899	
4	Testing Phase 1	Site Preparation	1/1/2018	6/1/2018	6	131	
5	Maintenance Crew Equipment Check Phase 1	Site Preparation	1/1/2018	6/1/2018	6	131	
6	Civil Installation	Grading	1/1/2018	12/13/2019	6	611	
7	Fiber Optic Cable Installation	Building Construction	1/1/2018	12/31/2020	6	940	
8	Splicing & Testing	Building Construction	1/1/2018	12/31/2020	6	940	
9	Asphalting Phase 1	Paving	1/1/2018	1/30/2018	6	26	
10	B-Install LST Foundations (17)	Building Construction	5/17/2018	6/5/2018	6	17	
11	Civil Demo / Grading Phase 2	Grading	6/4/2018	7/27/2018	6	47	
12	Electrical Demo Phase 2	Building Construction	6/4/2018	7/2/2018	6	25	
13	B-LST Steel Haul (18)	Building Construction	6/23/2018	6/28/2018	6	5	
14	B-LST Steel Assembly (19)	Building Construction	6/27/2018	7/20/2018	6	21	
15	Civil Installation Phase 2	Building Construction	7/2/2018	8/24/2018	6	47	
16	B-LST Erection (20)	Building Construction	7/11/2018	8/3/2018	6	21	
17	Wiring Phase 1	Building Construction	7/16/2018	11/16/2018	6	107	
18	Electrical Phase 1	Building Construction	7/20/2018	11/16/2018	6	103	
19	C-Install TSP Foundations (21)	Building Construction	7/21/2018	7/25/2018	6	4	
20	C-TSP Haul (22)	Building Construction	7/28/2018	7/30/2018	6	2	
21	Electrical Phase 2	Building Construction	7/30/2018	11/16/2018	6	95	
22	C-TSP Assembly (23)	Building Construction	7/31/2018	8/1/2018	6	2	

23	C-TSP Erection (24)	Building Construction	8/1/2018	8/3/2018	6	3
24	C-Install/Transfer Conductor (25)	Building Construction	8/3/2018	11/17/2018	6	92
25	Testing Phase 2	Building Construction	9/2/2018	1/11/2019	6	113
26	Maintenance Crew Equipment Check Phase 2	Site Preparation	11/19/2018	1/11/2019	6	47
27	Civil Demo / Grading Phase 3	Grading	1/14/2019	6/28/2019	6	143
28	B-Shoo-fly Pole Haul (7)	Building Construction	1/17/2019	1/18/2019	6	2
29	B-Install Shoo-fly Pole (9)	Building Construction	1/18/2019	1/19/2019	6	2
30	B-Shoo-fly Pole Assembly (8)	Building Construction	1/18/2019	1/18/2019	6	1
31	B-Install Shoo-fly Conductor (10)	Building Construction	1/19/2019	1/23/2019	6	4
32	Civil Installation Phase 3	Grading	5/6/2019	12/13/2019	6	191
33	Electrical Phase 3 (Including Wiring)	Building Construction	12/16/2019	11/13/2020	6	287
34	Testing Phase 3	Building Construction	2/3/2020	4/30/2021	6	389
35	C-Guard Structure Installation (6)	Building Construction	9/1/2020	9/4/2020	6	4
36	D-Remove Existing Conductor & GW (11)	Building Construction	9/4/2020	9/14/2020	6	9
37	D-LST Removal (12)	Building Construction	9/14/2020	9/16/2020	6	3
38	D-LST Foundation Removal (13)	Building Construction	9/16/2020	9/18/2020	6	3
39	C-Install LST Foundations (17)	Building Construction	9/19/2020	9/23/2020	6	4
40	C-LST Steel Haul (18)	Building Construction	9/23/2020	9/24/2020	6	2
41	C-LST Steel Assembly (19)	Building Construction	9/24/2020	9/29/2020	6	5
42	C-LST Erection (20)	Building Construction	9/26/2020	10/1/2020	6	5
43	D-Install/Transfer Conductor (25)	Building Construction	10/1/2020	11/4/2020	6	30
44	C-Guard Structure Removal (28)	Building Construction	11/14/2020	11/16/2020	6	2
45	Restoration (33)	Site Preparation	11/16/2020	11/27/2020	6	11
46	Maintenance Crew Equipment Check Phase 3	Site Preparation	11/16/2020	4/30/2021	6	143
47	B-Guard Structure Removal (28)	Building Construction	11/17/2020	11/19/2020	6	3
48	Asphalting & Fencing Phase 3	Paving	11/17/2020	3/1/2021	6	90

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Survey	Graders	0	0.00	174	0.41
Survey	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Survey (1)	Graders	0	0.00	174	0.41
Survey (1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Construction and Materials Yard (2)	Cranes	1	5.00	226	0.29
Construction and Materials Yard (2)	Forklifts	1	5.00	89	0.20
Construction and Materials Yard (2)	Graders	0	0.00	174	0.41
Construction and Materials Yard (2)	Other Construction Equipment	1	10.00	171	0.42
Construction and Materials Yard (2)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Testing Phase 1	Graders	0	0.00	174	0.41
Testing Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Maintenance Crew Equipment Check Phase 1	Graders	0	0.00	174	0.41
Maintenance Crew Equipment Check Phase 1	Off-Highway Trucks	2	5.00	400	0.38
Maintenance Crew Equipment Check Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation	Air Compressors	1	10.00	78	0.48
Civil Installation	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Installation	Graders	2	10.00	174	0.41
Civil Installation	Off-Highway Trucks	2	10.00	400	0.38
Civil Installation	Rubber Tired Dozers	0	0.00	255	0.40

Civil Installation	Scrapers	2	10.00	361	0.48
Civil Installation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Fiber Optic Cable Installation	Aerial Lifts	2	10.00	62	0.31
Fiber Optic Cable Installation	Cranes	0	0.00	226	0.29
Fiber Optic Cable Installation	Forklifts	0	0.00	89	0.20
Fiber Optic Cable Installation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Splicing & Testing	Cranes	0	0.00	226	0.29
Splicing & Testing	Forklifts	0	0.00	89	0.20
Splicing & Testing	Other General Industrial Equipment	2	10.00	87	0.34
Splicing & Testing	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting Phase 1	Cement and Mortar Mixers	0	0.00	9	0.56
Asphalting Phase 1	Other Construction Equipment	1	3.00	171	0.42
Asphalting Phase 1	Pavers	0	0.00	125	0.42
Asphalting Phase 1	Pavers	1	10.00	125	0.42
Asphalting Phase 1	Rollers	0	0.00	80	0.38
Asphalting Phase 1	Rollers	2	5.00	80	0.38
Asphalting Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting Phase 1	Tractors/Loaders/Backhoes	1	3.00	97	0.37
B-Install LST Foundations (17)	Bore/Drill Rigs	2	10.00	205	0.50
B-Install LST Foundations (17)	Cement and Mortar Mixers	4	7.00	9	0.56
B-Install LST Foundations (17)	Cranes	0	0.00	226	0.29
B-Install LST Foundations (17)	Cranes	2	7.00	226	0.29
B-Install LST Foundations (17)	Forklifts	0	0.00	89	0.20
B-Install LST Foundations (17)	Off-Highway Trucks	2	10.00	400	0.38
B-Install LST Foundations (17)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install LST Foundations (17)	Tractors/Loaders/Backhoes	2	10.00	97	0.37

Civil Demo / Grading Phase 2	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Demo / Grading Phase 2	Crawler Tractors	2	10.00	208	0.43
Civil Demo / Grading Phase 2	Excavators	2	10.00	162	0.38
Civil Demo / Grading Phase 2	Forklifts	2	6.00	89	0.20
Civil Demo / Grading Phase 2	Graders	1	10.00	174	0.41
Civil Demo / Grading Phase 2	Off-Highway Trucks	2	10.00	400	0.38
Civil Demo / Grading Phase 2	Off-Highway Trucks	3	10.00	400	0.38
Civil Demo / Grading Phase 2	Rubber Tired Dozers	0	0.00	255	0.40
Civil Demo / Grading Phase 2	Scrapers	2	10.00	361	0.48
Civil Demo / Grading Phase 2	Skid Steer Loaders	2	10.00	64	0.37
Civil Demo / Grading Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Demo / Grading Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Demo / Grading Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Demo / Grading Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Electrical Demo Phase 2	Aerial Lifts	2	6.00	62	0.31
Electrical Demo Phase 2	Aerial Lifts	3	6.00	62	0.31
Electrical Demo Phase 2	Cranes	0	0.00	226	0.29
Electrical Demo Phase 2	Cranes	1	6.00	226	0.29
Electrical Demo Phase 2	Cranes	1	6.00	226	0.29
Electrical Demo Phase 2	Forklifts	0	0.00	89	0.20
Electrical Demo Phase 2	Forklifts	2	6.00	89	0.20
Electrical Demo Phase 2	Other Construction Equipment	2	5.00	171	0.42
Electrical Demo Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-LST Steel Haul (18)	Cranes	0	0.00	226	0.29
B-LST Steel Haul (18)	Forklifts	0	0.00	89	0.20
B-LST Steel Haul (18)	Forklifts	2	8.00	89	0.20
B-LST Steel Haul (18)	Off-Highway Trucks	1	10.00	400	0.38
B-LST Steel Haul (18)	Tractors/Loaders/Backhoes	0	0.00	97	0.37

B-LST Steel Assembly (19)	Air Compressors	2	7.00	78	0.48
B-LST Steel Assembly (19)	Cranes	0	0.00	226	0.29
B-LST Steel Assembly (19)	Cranes	2	10.00	226	0.29
B-LST Steel Assembly (19)	Forklifts	0	0.00	89	0.20
B-LST Steel Assembly (19)	Forklifts	2	7.00	89	0.20
B-LST Steel Assembly (19)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation Phase 2	Bore/Drill Rigs	2	10.00	205	0.50
Civil Installation Phase 2	Cranes	0	0.00	226	0.29
Civil Installation Phase 2	Excavators	2	10.00	162	0.38
Civil Installation Phase 2	Forklifts	0	0.00	89	0.20
Civil Installation Phase 2	Forklifts	2	5.00	89	0.20
Civil Installation Phase 2	Off-Highway Trucks	1	10.00	171	0.42
Civil Installation Phase 2	Other Construction Equipment	1	5.00	171	0.42
Civil Installation Phase 2	Skid Steer Loaders	2	10.00	64	0.37
Civil Installation Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Civil Installation Phase 2	Tractors/Loaders/Backhoes	2	10.00	97	0.37
B-LST Erection (20)	Air Compressors	4	7.00	78	0.48
B-LST Erection (20)	Cranes	0	0.00	226	0.29
B-LST Erection (20)	Cranes	2	7.00	226	0.29
B-LST Erection (20)	Cranes	2	7.00	226	0.29
B-LST Erection (20)	Forklifts	0	0.00	89	0.20
B-LST Erection (20)	Off-Highway Trucks	2	10.00	400	0.38
B-LST Erection (20)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Wiring Phase 1	Aerial Lifts	3	5.00	62	0.31
Wiring Phase 1	Cranes	0	0.00	226	0.29
Wiring Phase 1	Forklifts	0	0.00	89	0.20
Wiring Phase 1	Forklifts	3	3.00	89	0.20

Wiring Phase 1	Other Construction Equipment	2	3.00	171	0.42
Wiring Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Electrical Phase 1	Aerial Lifts	11	4.00	62	0.31
Electrical Phase 1	Cranes	2	5.00	226	0.29
Electrical Phase 1	Cranes	1	10.00	226	0.29
Electrical Phase 1	Cranes	2	8.00	226	0.29
Electrical Phase 1	Forklifts	0	0.00	89	0.20
Electrical Phase 1	Forklifts	3	6.00	89	0.20
Electrical Phase 1	Other Construction Equipment	2	3.00	171	0.42
Electrical Phase 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install TSP Foundations (21)	Bore/Drill Rigs	2	10.00	205	0.50
C-Install TSP Foundations (21)	Cranes	0	0.00	226	0.29
C-Install TSP Foundations (21)	Cranes	2	7.00	226	0.29
C-Install TSP Foundations (21)	Forklifts	0	0.00	89	0.20
C-Install TSP Foundations (21)	Off-Highway Trucks	2	10.00	400	0.38
C-Install TSP Foundations (21)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install TSP Foundations (21)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
C-TSP Haul (22)	Cranes	0	0.00	226	0.29
C-TSP Haul (22)	Cranes	2	8.00	226	0.29
C-TSP Haul (22)	Forklifts	0	0.00	89	0.20
C-TSP Haul (22)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Haul (22)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Electrical Phase 2	Aerial Lifts	8	10.00	62	0.31
Electrical Phase 2	Cranes	1	6.00	226	0.29
Electrical Phase 2	Cranes	2	10.00	226	0.29
Electrical Phase 2	Forklifts	0	0.00	89	0.20
Electrical Phase 2	Forklifts	3	6.00	89	0.20
Electrical Phase 2	Other Construction Equipment	2	10.00	171	0.42

Electrical Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-TSP Assembly (23)	Air Compressors	2	6.00	78	0.48
C-TSP Assembly (23)	Cranes	0	0.00	226	0.29
C-TSP Assembly (23)	Cranes	2	7.00	226	0.29
C-TSP Assembly (23)	Forklifts	0	0.00	89	0.20
C-TSP Assembly (23)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Assembly (23)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-TSP Erection (24)	Air Compressors	2	6.00	78	0.48
C-TSP Erection (24)	Cranes	0	0.00	226	0.29
C-TSP Erection (24)	Cranes	2	7.00	226	0.29
C-TSP Erection (24)	Forklifts	0	0.00	89	0.20
C-TSP Erection (24)	Off-Highway Trucks	1	10.00	400	0.38
C-TSP Erection (24)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
C-Install/Transfer Conductor (25)	Cranes	0	0.00	226	0.29
C-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
C-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
C-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
C-Install/Transfer Conductor (25)	Forklifts	0	0.00	89	0.20
C-Install/Transfer Conductor (25)	Off-Highway Trucks	1	10.00	400	0.38
C-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
C-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
C-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
C-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	87	0.34
C-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Testing Phase 2	Cranes	0	0.00	226	0.29
Testing Phase 2	Forklifts	0	0.00	89	0.20

Testing Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Maintenance Crew Equipment Check Phase 2	Graders	0	0.00	174	0.41
Maintenance Crew Equipment Check Phase 2	Off-Highway Trucks	2	5.00	400	0.38
Maintenance Crew Equipment Check Phase 2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Demo / Grading Phase 3	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Demo / Grading Phase 3	Crawler Tractors	3	10.00	208	0.43
Civil Demo / Grading Phase 3	Excavators	3	10.00	162	0.38
Civil Demo / Grading Phase 3	Forklifts	4	10.00	89	0.20
Civil Demo / Grading Phase 3	Graders	2	10.00	174	0.41
Civil Demo / Grading Phase 3	Off-Highway Trucks	2	10.00	400	0.38
Civil Demo / Grading Phase 3	Off-Highway Trucks	4	10.00	400	0.38
Civil Demo / Grading Phase 3	Rubber Tired Dozers	0	0.00	255	0.40
Civil Demo / Grading Phase 3	Scrapers	6	10.00	361	0.48
Civil Demo / Grading Phase 3	Skid Steer Loaders	4	10.00	64	0.37
Civil Demo / Grading Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Demo / Grading Phase 3	Tractors/Loaders/Backhoes	4	10.00	97	0.37
Civil Demo / Grading Phase 3	Tractors/Loaders/Backhoes	3	10.00	97	0.37
Civil Demo / Grading Phase 3	Tractors/Loaders/Backhoes	2	10.00	97	0.37
B-Shoo-fly Pole Haul (7)	Cranes	0	0.00	226	0.29
B-Shoo-fly Pole Haul (7)	Cranes	2	8.00	226	0.29
B-Shoo-fly Pole Haul (7)	Forklifts	0	0.00	89	0.20
B-Shoo-fly Pole Haul (7)	Off-Highway Trucks	1	10.00	400	0.38
B-Shoo-fly Pole Haul (7)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install Shoo-fly Pole (9)	Aerial Lifts	2	10.00	62	0.31
B-Install Shoo-fly Pole (9)	Bore/Drill Rigs	2	8.00	205	0.50
B-Install Shoo-fly Pole (9)	Cranes	0	0.00	226	0.29
B-Install Shoo-fly Pole (9)	Cranes	2	7.00	226	0.29

B-Install Shoo-fly Pole (9)	Forklifts	0	0.00	89	0.20
B-Install Shoo-fly Pole (9)	Off-Highway Trucks	2	10.00	400	0.38
B-Install Shoo-fly Pole (9)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install Shoo-fly Pole (9)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
B-Shoo-fly Pole Assembly (8)	Air Compressors	1	10.00	78	0.48
B-Shoo-fly Pole Assembly (8)	Cranes	0	0.00	226	0.29
B-Shoo-fly Pole Assembly (8)	Cranes	1	10.00	226	0.29
B-Shoo-fly Pole Assembly (8)	Forklifts	0	0.00	89	0.20
B-Shoo-fly Pole Assembly (8)	Off-Highway Trucks	1	10.00	400	0.38
B-Shoo-fly Pole Assembly (8)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Install Shoo-fly Conductor (10)	Air Compressors	1	10.00	78	0.48
B-Install Shoo-fly Conductor (10)	Cranes	0	0.00	226	0.29
B-Install Shoo-fly Conductor (10)	Cranes	1	10.00	226	0.29
B-Install Shoo-fly Conductor (10)	Forklifts	0	0.00	89	0.20
B-Install Shoo-fly Conductor (10)	Off-Highway Trucks	1	10.00	400	0.38
B-Install Shoo-fly Conductor (10)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation Phase 3	Bore/Drill Rigs	4	10.00	205	0.50
Civil Installation Phase 3	Concrete/Industrial Saws	0	0.00	81	0.73
Civil Installation Phase 3	Excavators	4	10.00	162	0.38
Civil Installation Phase 3	Forklifts	3	5.00	89	0.20
Civil Installation Phase 3	Off-Highway Trucks	4	10.00	400	0.38
Civil Installation Phase 3	Other Construction Equipment	2	5.00	171	0.42
Civil Installation Phase 3	Rubber Tired Dozers	0	0.00	255	0.40
Civil Installation Phase 3	Skid Steer Loaders	6	10.00	64	0.37
Civil Installation Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Civil Installation Phase 3	Tractors/Loaders/Backhoes	5	10.00	97	0.37
Civil Installation Phase 3	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Electrical Phase 3 (Including Wiring)	Aerial Lifts	11	10.00	62	0.31

Electrical Phase 3 (Including Wiring)	Cranes	2	6.00	226	0.29
Electrical Phase 3 (Including Wiring)	Cranes	1	10.00	226	0.29
Electrical Phase 3 (Including Wiring)	Forklifts	0	0.00	89	0.20
Electrical Phase 3 (Including Wiring)	Forklifts	4	7.00	89	0.20
Electrical Phase 3 (Including Wiring)	Generator Sets	1	10.00	84	0.74
Electrical Phase 3 (Including Wiring)	Other Construction Equipment	3	5.00	171	0.42
Electrical Phase 3 (Including Wiring)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Testing Phase 3	Cranes	0	0.00	226	0.29
Testing Phase 3	Forklifts	0	0.00	89	0.20
Testing Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Guard Structure Installation (6)	Aerial Lifts	2	5.00	62	0.31
C-Guard Structure Installation (6)	Air Compressors	2	7.00	78	0.48
C-Guard Structure Installation (6)	Bore/Drill Rigs	2	8.00	205	0.50
C-Guard Structure Installation (6)	Cranes	0	0.00	226	0.29
C-Guard Structure Installation (6)	Cranes	2	8.00	226	0.29
C-Guard Structure Installation (6)	Forklifts	0	0.00	89	0.20
C-Guard Structure Installation (6)	Off-Highway Trucks	2	10.00	400	0.38
C-Guard Structure Installation (6)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-Remove Existing Conductor & GW (11)	Aerial Lifts	4	10.00	62	0.31
D-Remove Existing Conductor & GW (11)	Cranes	0	0.00	226	0.29
D-Remove Existing Conductor & GW (11)	Cranes	2	10.00	226	0.29
D-Remove Existing Conductor & GW (11)	Crawler Tractors	2	5.00	208	0.43
D-Remove Existing Conductor & GW (11)	Forklifts	0	0.00	89	0.20
D-Remove Existing Conductor & GW (11)	Off-Highway Trucks	2	6.00	400	0.38
D-Remove Existing Conductor & GW (11)	Other Construction Equipment	3	5.00	171	0.42
D-Remove Existing Conductor & GW (11)	Tractors/Loaders/Backhoes	0	0.00	97	0.37

D-LST Removal (12)	Air Compressors	2	10.00	78	0.48
D-LST Removal (12)	Cranes	2	5.00	226	0.29
D-LST Removal (12)	Cranes	2	7.00	226	0.29
D-LST Removal (12)	Forklifts	0	0.00	89	0.20
D-LST Removal (12)	Off-Highway Trucks	1	10.00	400	0.38
D-LST Removal (12)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-LST Foundation Removal (13)	Air Compressors	2	10.00	78	0.48
D-LST Foundation Removal (13)	Cranes	0	0.00	226	0.29
D-LST Foundation Removal (13)	Excavators	1	10.00	162	0.38
D-LST Foundation Removal (13)	Forklifts	0	0.00	89	0.20
D-LST Foundation Removal (13)	Off-Highway Trucks	1	10.00	400	0.38
D-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-LST Foundation Removal (13)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
C-Install LST Foundations (17)	Bore/Drill Rigs	2	10.00	205	0.50
C-Install LST Foundations (17)	Cement and Mortar Mixers	4	7.00	9	0.56
C-Install LST Foundations (17)	Cranes	0	0.00	226	0.29
C-Install LST Foundations (17)	Cranes	2	7.00	226	0.29
C-Install LST Foundations (17)	Forklifts	0	0.00	89	0.20
C-Install LST Foundations (17)	Off-Highway Trucks	2	10.00	400	0.38
C-Install LST Foundations (17)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-Install LST Foundations (17)	Tractors/Loaders/Backhoes	2	10.00	97	0.37
C-LST Steel Haul (18)	Forklifts	2	8.00	89	0.20
C-LST Steel Haul (18)	Off-Highway Trucks	1	10.00	400	0.38
C-LST Steel Assembly (19)	Air Compressors	2	7.00	78	0.48
C-LST Steel Assembly (19)	Cranes	0	0.00	226	0.29
C-LST Steel Assembly (19)	Cranes	2	10.00	226	0.29
C-LST Steel Assembly (19)	Forklifts	0	0.00	89	0.20
C-LST Steel Assembly (19)	Forklifts	2	7.00	89	0.20

C-LST Steel Assembly (19)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
C-LST Erection (20)	Air Compressors	4	7.00	78	0.48
C-LST Erection (20)	Cranes	0	0.00	226	0.29
C-LST Erection (20)	Cranes	4	7.00	226	0.29
C-LST Erection (20)	Forklifts	0	0.00	89	0.20
C-LST Erection (20)	Off-Highway Trucks	2	10.00	400	0.38
C-LST Erection (20)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-Install/Transfer Conductor (25)	Aerial Lifts	2	10.00	62	0.31
D-Install/Transfer Conductor (25)	Cranes	0	0.00	226	0.29
D-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
D-Install/Transfer Conductor (25)	Cranes	2	10.00	226	0.29
D-Install/Transfer Conductor (25)	Crawler Tractors	2	10.00	208	0.43
D-Install/Transfer Conductor (25)	Forklifts	0	0.00	89	0.20
D-Install/Transfer Conductor (25)	Other Construction Equipment	1	10.00	171	0.42
D-Install/Transfer Conductor (25)	Other Construction Equipment	2	10.00	171	0.42
D-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
D-Install/Transfer Conductor (25)	Other General Industrial Equipment	1	10.00	87	0.34
D-Install/Transfer Conductor (25)	Other General Industrial Equipment	4	10.00	87	0.34
D-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
D-Install/Transfer Conductor (25)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
C-Guard Structure Removal (28)	Aerial Lifts	2	5.00	62	0.31
C-Guard Structure Removal (28)	Air Compressors	2	7.00	78	0.48
C-Guard Structure Removal (28)	Cranes	2	10.00	226	0.29
C-Guard Structure Removal (28)	Off-Highway Trucks	1	10.00	400	0.38
Restoration (33)	Graders	0	0.00	174	0.41
Restoration (33)	Graders	2	7.00	174	0.41
Restoration (33)	Off-Highway Trucks	2	10.00	400	0.38
Restoration (33)	Plate Compactors	2	7.00	8	0.43

Restoration (33)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Restoration (33)	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Maintenance Crew Equipment Check Phase 3	Graders	0	0.00	174	0.41
Maintenance Crew Equipment Check Phase 3	Off-Highway Trucks	3	5.00	400	0.38
Maintenance Crew Equipment Check Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
B-Guard Structure Removal (28)	Aerial Lifts	2	5.00	62	0.31
B-Guard Structure Removal (28)	Air Compressors	2	7.00	78	0.48
B-Guard Structure Removal (28)	Cranes	0	0.00	226	0.29
B-Guard Structure Removal (28)	Cranes	2	10.00	226	0.29
B-Guard Structure Removal (28)	Forklifts	0	0.00	89	0.20
B-Guard Structure Removal (28)	Off-Highway Trucks	1	10.00	400	0.38
B-Guard Structure Removal (28)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting & Fencing Phase 3	Cement and Mortar Mixers	1	6.00	9	0.56
Asphalting & Fencing Phase 3	Forklifts	1	6.00	89	0.20
Asphalting & Fencing Phase 3	Other Construction Equipment	1	10.00	171	0.42
Asphalting & Fencing Phase 3	Pavers	0	0.00	125	0.42
Asphalting & Fencing Phase 3	Pavers	1	10.00	125	0.42
Asphalting & Fencing Phase 3	Rollers	0	0.00	80	0.38
Asphalting & Fencing Phase 3	Rollers	2	10.00	80	0.38
Asphalting & Fencing Phase 3	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Asphalting & Fencing Phase 3	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Asphalting & Fencing Phase 3	Tractors/Loaders/Backhoes	1	10.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Survey	0	3.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

B-Install LST Foundations (17)	12	16.00	0.00	784.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Demo / Grading Phase 2	22	14.00	0.00	4,894.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Electrical Demo Phase 2	11	23.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Steel Haul (18)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Steel Assembly (19)	6	24.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation Phase 2	14	20.00	0.00	1,625.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-LST Erection (20)	10	28.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Wiring Phase 1	8	50.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Electrical Phase 1	21	53.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Install TSP Foundations (21)	8	16.00	0.00	46.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Survey (1)	0	6.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Haul (22)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Electrical Phase 2	16	53.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Assembly (23)	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-TSP Erection (24)	5	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Testing Phase 2	0	13.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Maintenance Crew Equipment Check Phase 3	2	3.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Demo / Grading Phase 3	37	75.00	0.00	15,107.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Shoo-fly Pole Haul (7)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install Shoo-fly Pole (9)	10	14.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Construction and Materials Yard (2)	3	5.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Shoo-fly Pole Assembly (8)	3	16.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Install Shoo-fly Conductor (10)	3	19.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation Phase 3	30	75.00	0.00	6,599.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Electrical Phase 3 (Including Wiring)	22	83.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Testing Phase 3	0	13.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Guard Structure Installation (6)	10	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

D-Remove Existing Conductor & GW (11)	13	32.00	6.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
D-LST Removal (12)	7	14.00	2.00	6.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
D-LST Foundation Removal (13)	6	10.00	0.00	6.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Install LST Foundations (17)	12	16.00	0.00	196.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Testing Phase 1	0	13.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-LST Steel Haul (18)	3	5.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-LST Steel Assembly (19)	6	24.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-LST Erection (20)	10	28.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
D-Install/Transfer Conductor (25)	19	34.00	3.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
C-Guard Structure Removal (28)	7	8.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Restoration (33)	8	9.00	1.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Maintenance Crew Equipment Check Phase 1	3	5.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
B-Guard Structure Removal (28)	7	16.00	2.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Asphalting & Fencing Phase 3	8	29.00	0.00	2,366.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Maintenance Crew Equipment Check Phase 2	2	5.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Civil Installation	11	13.00	0.00	1,232.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Fiber Optic Cable Installation	2	14.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Splicing & Testing	2	7.00	0.00	0.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT
Asphalting Phase 1	5	19.00	0.00	717.00	15.00	15.00	15.00	LD_Mix	MHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Survey - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0104	0.0143	0.1490	4.1000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		31.6027	31.6027	1.6000e-003		31.6362
Total	0.0104	0.0143	0.1490	4.1000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		31.6027	31.6027	1.6000e-003		31.6362

3.2 Survey - 2018

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0104	0.0143	0.1490	4.1000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		31.6027	31.6027	1.6000e-003		31.6362
Total	0.0104	0.0143	0.1490	4.1000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		31.6027	31.6027	1.6000e-003		31.6362

3.2 Survey - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	9.5200e-003	0.0131	0.1366	4.0000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		30.3995	30.3995	1.5000e-003		30.4309
Total	9.5200e-003	0.0131	0.1366	4.0000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		30.3995	30.3995	1.5000e-003		30.4309

3.2 Survey - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	9.5200e-003	0.0131	0.1366	4.0000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		30.3995	30.3995	1.5000e-003		30.4309
Total	9.5200e-003	0.0131	0.1366	4.0000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		30.3995	30.3995	1.5000e-003		30.4309

3.3 Survey (1) - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0207	0.0286	0.2980	8.1000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		63.2053	63.2053	3.1900e-003		63.2724
Total	0.0207	0.0286	0.2980	8.1000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		63.2053	63.2053	3.1900e-003		63.2724

3.3 Survey (1) - 2018

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0207	0.0286	0.2980	8.1000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		63.2053	63.2053	3.1900e-003		63.2724
Total	0.0207	0.0286	0.2980	8.1000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		63.2053	63.2053	3.1900e-003		63.2724

3.3 Survey (1) - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0191	0.0262	0.2731	8.1000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		60.7990	60.7990	2.9900e-003		60.8618
Total	0.0191	0.0262	0.2731	8.1000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		60.7990	60.7990	2.9900e-003		60.8618

3.3 Survey (1) - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0191	0.0262	0.2731	8.1000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		60.7990	60.7990	2.9900e-003		60.8618
Total	0.0191	0.0262	0.2731	8.1000e-004	0.0684	5.3000e-004	0.0690	0.0182	4.9000e-004	0.0186		60.7990	60.7990	2.9900e-003		60.8618

3.3 Survey (1) - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0179	0.0243	0.2541	8.1000e-004	0.0684	5.2000e-004	0.0690	0.0182	4.8000e-004	0.0186		58.3285	58.3285	2.8300e-003		58.3880
Total	0.0179	0.0243	0.2541	8.1000e-004	0.0684	5.2000e-004	0.0690	0.0182	4.8000e-004	0.0186		58.3285	58.3285	2.8300e-003		58.3880

3.3 Survey (1) - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0179	0.0243	0.2541	8.1000e-004	0.0684	5.2000e-004	0.0690	0.0182	4.8000e-004	0.0186		58.3285	58.3285	2.8300e-003		58.3880
Total	0.0179	0.0243	0.2541	8.1000e-004	0.0684	5.2000e-004	0.0690	0.0182	4.8000e-004	0.0186		58.3285	58.3285	2.8300e-003		58.3880

3.4 Construction and Materials Yard (2) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1514	12.6836	7.4663	0.0122		0.6552	0.6552		0.6028	0.6028		1,223.7938	1,223.7938	0.3810		1,231.7945
Total	1.1514	12.6836	7.4663	0.0122	0.0000	0.6552	0.6552	0.0000	0.6028	0.6028		1,223.7938	1,223.7938	0.3810		1,231.7945

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0700e-003	0.0949	0.0731	3.4000e-004	0.2347	2.1200e-003	0.2368	0.0261	1.9500e-003	0.0281		33.1097	33.1097	1.6000e-004		33.1132
Worker	0.0173	0.0239	0.2484	6.8000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		52.6711	52.6711	2.6600e-003		52.7270
Total	0.0253	0.1187	0.3214	1.0200e-003	0.2918	2.5700e-003	0.2943	0.0413	2.3600e-003	0.0436		85.7808	85.7808	2.8200e-003		85.8402

3.4 Construction and Materials Yard (2) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4327	10.5328	8.4628	0.0122		0.3039	0.3039		0.3039	0.3039	0.0000	1,223.7938	1,223.7938	0.3810		1,231.7945
Total	0.4327	10.5328	8.4628	0.0122	0.0000	0.3039	0.3039	0.0000	0.3039	0.3039	0.0000	1,223.7938	1,223.7938	0.3810		1,231.7945

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0700e-003	0.0949	0.0731	3.4000e-004	0.0748	2.1200e-003	0.0769	0.0102	1.9500e-003	0.0121		33.1097	33.1097	1.6000e-004		33.1132
Worker	0.0173	0.0239	0.2484	6.8000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		52.6711	52.6711	2.6600e-003		52.7270
Total	0.0253	0.1187	0.3214	1.0200e-003	0.1318	2.5700e-003	0.1344	0.0253	2.3600e-003	0.0277		85.7808	85.7808	2.8200e-003		85.8402

3.4 Construction and Materials Yard (2) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0606	11.5850	7.3042	0.0122		0.5945	0.5945		0.5470	0.5470		1,204.5825	1,204.5825	0.3811		1,212.5860
Total	1.0606	11.5850	7.3042	0.0122	0.0000	0.5945	0.5945	0.0000	0.5470	0.5470		1,204.5825	1,204.5825	0.3811		1,212.5860

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.3900e-003	0.0835	0.0668	3.4000e-004	0.2347	1.8600e-003	0.2366	0.0261	1.7100e-003	0.0279		32.4521	32.4521	1.5000e-004		32.4553
Worker	0.0159	0.0219	0.2276	6.7000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.1000e-004	0.0155		50.6659	50.6659	2.4900e-003		50.7182
Total	0.0233	0.1054	0.2944	1.0100e-003	0.2918	2.3000e-003	0.2941	0.0413	2.1200e-003	0.0434		83.1180	83.1180	2.6400e-003		83.1735

3.4 Construction and Materials Yard (2) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4327	10.5328	8.4628	0.0122		0.3039	0.3039		0.3039	0.3039	0.0000	1,204.5825	1,204.5825	0.3811		1,212.5860
Total	0.4327	10.5328	8.4628	0.0122	0.0000	0.3039	0.3039	0.0000	0.3039	0.3039	0.0000	1,204.5825	1,204.5825	0.3811		1,212.5860

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.3900e-003	0.0835	0.0668	3.4000e-004	0.0748	1.8600e-003	0.0766	0.0102	1.7100e-003	0.0119		32.4521	32.4521	1.5000e-004		32.4553
Worker	0.0159	0.0219	0.2276	6.7000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.1000e-004	0.0155		50.6659	50.6659	2.4900e-003		50.7182
Total	0.0233	0.1054	0.2944	1.0100e-003	0.1318	2.3000e-003	0.1341	0.0253	2.1200e-003	0.0274		83.1180	83.1180	2.6400e-003		83.1735

3.4 Construction and Materials Yard (2) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.9812	10.6185	7.1538	0.0122		0.5399	0.5399		0.4967	0.4967		1,178.3567	1,178.3567	0.3811		1,186.3599
Total	0.9812	10.6185	7.1538	0.0122	0.0000	0.5399	0.5399	0.0000	0.4967	0.4967		1,178.3567	1,178.3567	0.3811		1,186.3599

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.6800e-003	0.0669	0.0609	3.4000e-004	0.2347	1.4800e-003	0.2362	0.0261	1.3600e-003	0.0275		31.7158	31.7158	1.4000e-004		31.7187
Worker	0.0149	0.0203	0.2118	6.7000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		48.6071	48.6071	2.3600e-003		48.6567
Total	0.0216	0.0872	0.2727	1.0100e-003	0.2918	1.9200e-003	0.2937	0.0413	1.7600e-003	0.0430		80.3229	80.3229	2.5000e-003		80.3753

3.4 Construction and Materials Yard (2) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4327	10.5328	8.4628	0.0122		0.3039	0.3039		0.3039	0.3039	0.0000	1,178.3567	1,178.3567	0.3811		1,186.3599
Total	0.4327	10.5328	8.4628	0.0122	0.0000	0.3039	0.3039	0.0000	0.3039	0.3039	0.0000	1,178.3567	1,178.3567	0.3811		1,186.3599

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.6800e-003	0.0669	0.0609	3.4000e-004	0.0748	1.4800e-003	0.0763	0.0102	1.3600e-003	0.0115		31.7158	31.7158	1.4000e-004		31.7187
Worker	0.0149	0.0203	0.2118	6.7000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		48.6071	48.6071	2.3600e-003		48.6567
Total	0.0216	0.0872	0.2727	1.0100e-003	0.1318	1.9200e-003	0.1337	0.0253	1.7600e-003	0.0271		80.3229	80.3229	2.5000e-003		80.3753

3.5 Testing Phase 1 - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0449	0.0620	0.6457	1.7600e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		136.9449	136.9449	6.9200e-003		137.0902
Total	0.0449	0.0620	0.6457	1.7600e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		136.9449	136.9449	6.9200e-003		137.0902

3.5 Testing Phase 1 - 2018

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0449	0.0620	0.6457	1.7600e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		136.9449	136.9449	6.9200e-003		137.0902
Total	0.0449	0.0620	0.6457	1.7600e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		136.9449	136.9449	6.9200e-003		137.0902

3.6 Maintenance Crew Equipment Check Phase 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.9618	10.3545	5.2259	0.0164		0.3779	0.3779		0.3477	0.3477		1,653.7514	1,653.7514	0.5148		1,664.5629
Total	0.9618	10.3545	5.2259	0.0164	0.0000	0.3779	0.3779	0.0000	0.3477	0.3477		1,653.7514	1,653.7514	0.5148		1,664.5629

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0173	0.0239	0.2484	6.8000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		52.6711	52.6711	2.6600e-003		52.7270
Total	0.0173	0.0239	0.2484	6.8000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		52.6711	52.6711	2.6600e-003		52.7270

3.6 Maintenance Crew Equipment Check Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4021	12.7004	8.7127	0.0164		0.2949	0.2949		0.2949	0.2949	0.0000	1,653.7514	1,653.7514	0.5148		1,664.5629
Total	0.4021	12.7004	8.7127	0.0164	0.0000	0.2949	0.2949	0.0000	0.2949	0.2949	0.0000	1,653.7514	1,653.7514	0.5148		1,664.5629

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0173	0.0239	0.2484	6.8000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		52.6711	52.6711	2.6600e-003		52.7270
Total	0.0173	0.0239	0.2484	6.8000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		52.6711	52.6711	2.6600e-003		52.7270

3.7 Civil Installation - 2018**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	8.6527	92.8747	58.5022	0.1061		4.4816	4.4816		4.1431	4.1431		10,654.6650	10,654.6650	3.2155		10,722.1902
Total	8.6527	92.8747	58.5022	0.1061	0.0000	4.4816	4.4816	0.0000	4.1431	4.1431		10,654.6650	10,654.6650	3.2155		10,722.1902

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0283	0.3787	0.3869	1.1200e-003	0.9140	5.9600e-003	0.9199	0.0985	5.4800e-003	0.1040		109.3779	109.3779	8.4000e-004		109.3956
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0449	0.0620	0.6457	1.7600e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		136.9449	136.9449	6.9200e-003		137.0902
Total	0.0732	0.4407	1.0326	2.8800e-003	1.0622	7.1200e-003	1.0694	0.1378	6.5500e-003	0.1444		246.3227	246.3227	7.7600e-003		246.4858

3.7 Civil Installation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.2365	86.4289	63.6931	0.1061		2.4309	2.4309		2.4309	2.4309	0.0000	10,654.6650	10,654.6650	3.2155		10,722.1902
Total	3.2365	86.4289	63.6931	0.1061	0.0000	2.4309	2.4309	0.0000	2.4309	2.4309	0.0000	10,654.6650	10,654.6650	3.2155		10,722.1902

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0283	0.3787	0.3869	1.1200e-003	0.2844	5.9600e-003	0.2904	0.0357	5.4800e-003	0.0411		109.3779	109.3779	8.4000e-004		109.3956
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0449	0.0620	0.6457	1.7600e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		136.9449	136.9449	6.9200e-003		137.0902
Total	0.0732	0.4407	1.0326	2.8800e-003	0.4327	7.1200e-003	0.4398	0.0750	6.5500e-003	0.0815		246.3227	246.3227	7.7600e-003		246.4858

3.7 Civil Installation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	7.9087	83.3030	55.8483	0.1061		3.9480	3.9480		3.6493	3.6493		10,486.3973	10,486.3973	3.2090		10,553.7862
Total	7.9087	83.3030	55.8483	0.1061	0.0000	3.9480	3.9480	0.0000	3.6493	3.6493		10,486.3973	10,486.3973	3.2090		10,553.7862

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0274	0.3543	0.3804	1.1200e-003	0.9597	5.9600e-003	0.9656	0.1034	5.4800e-003	0.1088		107.2464	107.2464	8.4000e-004		107.2641
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0413	0.0569	0.5918	1.7500e-003	0.1483	1.1400e-003	0.1494	0.0393	1.0600e-003	0.0404		131.7312	131.7312	6.4800e-003		131.8673
Total	0.0687	0.4112	0.9722	2.8700e-003	1.1079	7.1000e-003	1.1150	0.1427	6.5400e-003	0.1492		238.9777	238.9777	7.3200e-003		239.1314

3.7 Civil Installation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.2365	86.4289	63.6931	0.1061		2.4309	2.4309		2.4309	2.4309	0.0000	10,486.3973	10,486.3973	3.2090		10,553.7862
Total	3.2365	86.4289	63.6931	0.1061	0.0000	2.4309	2.4309	0.0000	2.4309	2.4309	0.0000	10,486.3973	10,486.3973	3.2090		10,553.7862

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0274	0.3543	0.3804	1.1200e-003	0.2984	5.9600e-003	0.3044	0.0373	5.4800e-003	0.0428		107.2464	107.2464	8.4000e-004		107.2641
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0413	0.0569	0.5918	1.7500e-003	0.1483	1.1400e-003	0.1494	0.0393	1.0600e-003	0.0404		131.7312	131.7312	6.4800e-003		131.8673
Total	0.0687	0.4112	0.9722	2.8700e-003	0.4467	7.1000e-003	0.4538	0.0767	6.5400e-003	0.0832		238.9777	238.9777	7.3200e-003		239.1314

3.8 Fiber Optic Cable Installation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1033	1.7488	2.6838	4.1400e-003		0.0484	0.0484		0.0445	0.0445		415.6558	415.6558	0.1294		418.3731
Total	0.1033	1.7488	2.6838	4.1400e-003		0.0484	0.0484		0.0445	0.0445		415.6558	415.6558	0.1294		418.3731

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0484	0.0668	0.6954	1.8900e-003	0.1597	1.2500e-003	0.1609	0.0424	1.1500e-003	0.0435		147.4791	147.4791	7.4500e-003		147.6356
Total	0.0484	0.0668	0.6954	1.8900e-003	0.1597	1.2500e-003	0.1609	0.0424	1.1500e-003	0.0435		147.4791	147.4791	7.4500e-003		147.6356

3.8 Fiber Optic Cable Installation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1400e-003		0.1627	0.1627		0.1627	0.1627	0.0000	415.6558	415.6558	0.1294		418.3731
Total	0.1949	4.0254	3.1356	4.1400e-003		0.1627	0.1627		0.1627	0.1627	0.0000	415.6558	415.6558	0.1294		418.3731

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0484	0.0668	0.6954	1.8900e-003	0.1597	1.2500e-003	0.1609	0.0424	1.1500e-003	0.0435		147.4791	147.4791	7.4500e-003		147.6356
Total	0.0484	0.0668	0.6954	1.8900e-003	0.1597	1.2500e-003	0.1609	0.0424	1.1500e-003	0.0435		147.4791	147.4791	7.4500e-003		147.6356

3.8 Fiber Optic Cable Installation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1002	1.6751	2.6886	4.1400e-003		0.0411	0.0411		0.0378	0.0378		408.9875	408.9875	0.1294		411.7049
Total	0.1002	1.6751	2.6886	4.1400e-003		0.0411	0.0411		0.0378	0.0378		408.9875	408.9875	0.1294		411.7049

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0445	0.0612	0.6373	1.8900e-003	0.1597	1.2300e-003	0.1609	0.0424	1.1400e-003	0.0435		141.8644	141.8644	6.9800e-003		142.0110
Total	0.0445	0.0612	0.6373	1.8900e-003	0.1597	1.2300e-003	0.1609	0.0424	1.1400e-003	0.0435		141.8644	141.8644	6.9800e-003		142.0110

3.8 Fiber Optic Cable Installation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1400e-003		0.1627	0.1627		0.1627	0.1627	0.0000	408.9875	408.9875	0.1294		411.7049
Total	0.1949	4.0254	3.1356	4.1400e-003		0.1627	0.1627		0.1627	0.1627	0.0000	408.9875	408.9875	0.1294		411.7049

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0445	0.0612	0.6373	1.8900e-003	0.1597	1.2300e-003	0.1609	0.0424	1.1400e-003	0.0435		141.8644	141.8644	6.9800e-003		142.0110
Total	0.0445	0.0612	0.6373	1.8900e-003	0.1597	1.2300e-003	0.1609	0.0424	1.1400e-003	0.0435		141.8644	141.8644	6.9800e-003		142.0110

3.8 Fiber Optic Cable Installation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0974	1.5836	2.6922	4.1400e-003		0.0352	0.0352		0.0324	0.0324		400.0965	400.0965	0.1294		402.8138
Total	0.0974	1.5836	2.6922	4.1400e-003		0.0352	0.0352		0.0324	0.0324		400.0965	400.0965	0.1294		402.8138

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0417	0.0568	0.5930	1.8900e-003	0.1597	1.2200e-003	0.1609	0.0424	1.1300e-003	0.0435		136.0999	136.0999	6.6100e-003		136.2387
Total	0.0417	0.0568	0.5930	1.8900e-003	0.1597	1.2200e-003	0.1609	0.0424	1.1300e-003	0.0435		136.0999	136.0999	6.6100e-003		136.2387

3.8 Fiber Optic Cable Installation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1949	4.0254	3.1356	4.1400e-003		0.1627	0.1627		0.1627	0.1627	0.0000	400.0965	400.0965	0.1294		402.8138
Total	0.1949	4.0254	3.1356	4.1400e-003		0.1627	0.1627		0.1627	0.1627	0.0000	400.0965	400.0965	0.1294		402.8138

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0417	0.0568	0.5930	1.8900e-003	0.1597	1.2200e-003	0.1609	0.0424	1.1300e-003	0.0435		136.0999	136.0999	6.6100e-003		136.2387
Total	0.0417	0.0568	0.5930	1.8900e-003	0.1597	1.2200e-003	0.1609	0.0424	1.1300e-003	0.0435		136.0999	136.0999	6.6100e-003		136.2387

3.9 Splicing & Testing - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7269	6.4620	5.0557	6.3200e-003		0.5109	0.5109		0.4700	0.4700		636.8383	636.8383	0.1983		641.0017
Total	0.7269	6.4620	5.0557	6.3200e-003		0.5109	0.5109		0.4700	0.4700		636.8383	636.8383	0.1983		641.0017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0242	0.0334	0.3477	9.5000e-004	0.0798	6.2000e-004	0.0805	0.0212	5.8000e-004	0.0218		73.7395	73.7395	3.7300e-003		73.8178
Total	0.0242	0.0334	0.3477	9.5000e-004	0.0798	6.2000e-004	0.0805	0.0212	5.8000e-004	0.0218		73.7395	73.7395	3.7300e-003		73.8178

3.9 Splicing & Testing - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	636.8383	636.8383	0.1983		641.0017
Total	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	636.8383	636.8383	0.1983		641.0017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0242	0.0334	0.3477	9.5000e-004	0.0798	6.2000e-004	0.0805	0.0212	5.8000e-004	0.0218		73.7395	73.7395	3.7300e-003		73.8178
Total	0.0242	0.0334	0.3477	9.5000e-004	0.0798	6.2000e-004	0.0805	0.0212	5.8000e-004	0.0218		73.7395	73.7395	3.7300e-003		73.8178

3.9 Splicing & Testing - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6517	5.8649	4.9839	6.3200e-003		0.4472	0.4472		0.4114	0.4114		626.6217	626.6217	0.1983		630.7850
Total	0.6517	5.8649	4.9839	6.3200e-003		0.4472	0.4472		0.4114	0.4114		626.6217	626.6217	0.1983		630.7850

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0222	0.0306	0.3187	9.4000e-004	0.0798	6.1000e-004	0.0805	0.0212	5.7000e-004	0.0217		70.9322	70.9322	3.4900e-003		71.0055
Total	0.0222	0.0306	0.3187	9.4000e-004	0.0798	6.1000e-004	0.0805	0.0212	5.7000e-004	0.0217		70.9322	70.9322	3.4900e-003		71.0055

3.9 Splicing & Testing - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	626.6217	626.6217	0.1983		630.7850
Total	0.3000	6.1952	4.8257	6.3200e-003		0.2504	0.2504		0.2504	0.2504	0.0000	626.6217	626.6217	0.1983		630.7850

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0222	0.0306	0.3187	9.4000e-004	0.0798	6.1000e-004	0.0805	0.0212	5.7000e-004	0.0217		70.9322	70.9322	3.4900e-003		71.0055
Total	0.0222	0.0306	0.3187	9.4000e-004	0.0798	6.1000e-004	0.0805	0.0212	5.7000e-004	0.0217		70.9322	70.9322	3.4900e-003		71.0055

3.9 Splicing & Testing - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5817	5.2963	4.9180	6.3300e-003		0.3859	0.3859		0.3550	0.3550		612.9994	612.9994	0.1983		617.1628
Total	0.5817	5.2963	4.9180	6.3300e-003		0.3859	0.3859		0.3550	0.3550		612.9994	612.9994	0.1983		617.1628

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0208	0.0284	0.2965	9.4000e-004	0.0798	6.1000e-004	0.0805	0.0212	5.6000e-004	0.0217		68.0499	68.0499	3.3000e-003		68.1193
Total	0.0208	0.0284	0.2965	9.4000e-004	0.0798	6.1000e-004	0.0805	0.0212	5.6000e-004	0.0217		68.0499	68.0499	3.3000e-003		68.1193

3.9 Splicing & Testing - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3000	6.1952	4.8257	6.3300e-003		0.2504	0.2504		0.2504	0.2504	0.0000	612.9994	612.9994	0.1983		617.1628
Total	0.3000	6.1952	4.8257	6.3300e-003		0.2504	0.2504		0.2504	0.2504	0.0000	612.9994	612.9994	0.1983		617.1628

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0208	0.0284	0.2965	9.4000e-004	0.0798	6.1000e-004	0.0805	0.0212	5.6000e-004	0.0217		68.0499	68.0499	3.3000e-003		68.1193
Total	0.0208	0.0284	0.2965	9.4000e-004	0.0798	6.1000e-004	0.0805	0.0212	5.6000e-004	0.0217		68.0499	68.0499	3.3000e-003		68.1193

3.10 Asphaltting Phase 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0215	10.6987	8.3633	0.0124		0.6151	0.6151		0.5659	0.5659		1,247.6404	1,247.6404	0.3884		1,255.7970
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0215	10.6987	8.3633	0.0124		0.6151	0.6151		0.5659	0.5659		1,247.6404	1,247.6404	0.3884		1,255.7970

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3869	5.1788	5.2913	0.0153	6.4459	0.0815	6.5275	0.7056	0.0750	0.7806		1,495.9114	1,495.9114	0.0115		1,496.1535
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0656	0.0906	0.9438	2.5700e-003	0.2167	1.6900e-003	0.2184	0.0575	1.5700e-003	0.0590		200.1502	200.1502	0.0101		200.3626
Total	0.4525	5.2694	6.2351	0.0179	6.6626	0.0832	6.7459	0.7630	0.0766	0.8396		1,696.0616	1,696.0616	0.0217		1,696.5161

3.10 Asphaltting Phase 1 - 2018**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5189	11.1182	9.3980	0.0124		0.3832	0.3832		0.3832	0.3832	0.0000	1,247.6404	1,247.6404	0.3884		1,255.7970
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5189	11.1182	9.3980	0.0124		0.3832	0.3832		0.3832	0.3832	0.0000	1,247.6404	1,247.6404	0.3884		1,255.7970

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3869	5.1788	5.2913	0.0153	2.0352	0.0815	2.1168	0.2652	0.0750	0.3402		1,495.9114	1,495.9114	0.0115		1,496.1535
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0656	0.0906	0.9438	2.5700e-003	0.2167	1.6900e-003	0.2184	0.0575	1.5700e-003	0.0590		200.1502	200.1502	0.0101		200.3626
Total	0.4525	5.2694	6.2351	0.0179	2.2520	0.0832	2.3352	0.3227	0.0766	0.3993		1,696.0616	1,696.0616	0.0217		1,696.5161

3.11 B-Install LST Foundations (17) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.4702	49.9808	26.5413	0.0748		2.0528	2.0528		1.8926	1.8926		7,450.2636	7,450.2636	2.2827		7,498.1999
Total	4.4702	49.9808	26.5413	0.0748		2.0528	2.0528		1.8926	1.8926		7,450.2636	7,450.2636	2.2827		7,498.1999

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6470	8.6606	8.8488	0.0257	10.7797	0.1363	10.9160	1.1799	0.1254	1.3053		2,501.6538	2,501.6538	0.0193		2,502.0586
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0763	0.7947	2.1600e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		168.5475	168.5475	8.5200e-003		168.7264
Total	0.7023	8.7369	9.6436	0.0278	10.9622	0.1378	11.1000	1.2283	0.1267	1.3551		2,670.2013	2,670.2013	0.0278		2,670.7850

3.11 B-Install LST Foundations (17) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9533	60.0683	40.2906	0.0748		1.4693	1.4693		1.4693	1.4693	0.0000	7,450.2636	7,450.2636	2.2827		7,498.1999
Total	1.9533	60.0683	40.2906	0.0748		1.4693	1.4693		1.4693	1.4693	0.0000	7,450.2636	7,450.2636	2.2827		7,498.1999

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6470	8.6606	8.8488	0.0257	3.4036	0.1363	3.5399	0.4435	0.1254	0.5690		2,501.6538	2,501.6538	0.0193		2,502.0586
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0763	0.7947	2.1600e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		168.5475	168.5475	8.5200e-003		168.7264
Total	0.7023	8.7369	9.6436	0.0278	3.5861	0.1378	3.7239	0.4919	0.1267	0.6187		2,670.2013	2,670.2013	0.0278		2,670.7850

3.12 Civil Demo / Grading Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0452	0.0000	0.0452	6.8500e-003	0.0000	6.8500e-003			0.0000			0.0000
Off-Road	13.4700	150.9256	91.2581	0.1904		6.7547	6.7547		6.2144	6.2144		19,159.4672	19,159.4672	5.9646		19,284.7239
Total	13.4700	150.9256	91.2581	0.1904	0.0452	6.7547	6.8000	6.8500e-003	6.2144	6.2212		19,159.4672	19,159.4672	5.9646		19,284.7239

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.4609	19.5545	19.9795	0.0579	24.3392	0.3078	24.6470	2.6641	0.2832	2.9473		5,648.4094	5,648.4094	0.0435		5,649.3235
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0484	0.0668	0.6954	1.8900e-003	0.1597	1.2500e-003	0.1609	0.0424	1.1500e-003	0.0435		147.4791	147.4791	7.4500e-003		147.6356
Total	1.5093	19.6213	20.6749	0.0598	24.4989	0.3091	24.8079	2.7064	0.2843	2.9908		5,795.8885	5,795.8885	0.0510		5,796.9591

3.12 Civil Demo / Grading Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0203	0.0000	0.0203	3.0800e-003	0.0000	3.0800e-003			0.0000			0.0000
Off-Road	5.6556	156.4488	112.7150	0.1904		4.2450	4.2450		4.2450	4.2450	0.0000	19,159.4672	19,159.4672	5.9646		19,284.7238
Total	5.6556	156.4488	112.7150	0.1904	0.0203	4.2450	4.2653	3.0800e-003	4.2450	4.2481	0.0000	19,159.4672	19,159.4672	5.9646		19,284.7238

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.4609	19.5545	19.9795	0.0579	7.6849	0.3078	7.9927	1.0014	0.2832	1.2846		5,648.4094	5,648.4094	0.0435		5,649.3235
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0484	0.0668	0.6954	1.8900e-003	0.1597	1.2500e-003	0.1609	0.0424	1.1500e-003	0.0435		147.4791	147.4791	7.4500e-003		147.6356
Total	1.5093	19.6213	20.6749	0.0598	7.8446	0.3091	8.1537	1.0438	0.2843	1.3281		5,795.8885	5,795.8885	0.0510		5,796.9591

3.13 Electrical Demo Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9508	22.5236	14.7106	0.0246		1.0904	1.0904		1.0032	1.0032		2,478.8686	2,478.8686	0.7717		2,495.0744
Total	1.9508	22.5236	14.7106	0.0246		1.0904	1.0904		1.0032	1.0032		2,478.8686	2,478.8686	0.7717		2,495.0744

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0794	0.1097	1.1424	3.1100e-003	0.2623	2.0500e-003	0.2644	0.0696	1.9000e-003	0.0715		242.2870	242.2870	0.0123		242.5442
Total	0.0794	0.1097	1.1424	3.1100e-003	0.2623	2.0500e-003	0.2644	0.0696	1.9000e-003	0.0715		242.2870	242.2870	0.0123		242.5442

3.13 Electrical Demo Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9096	22.0732	16.8123	0.0246		0.6897	0.6897		0.6897	0.6897	0.0000	2,478.8686	2,478.8686	0.7717		2,495.0744
Total	0.9096	22.0732	16.8123	0.0246		0.6897	0.6897		0.6897	0.6897	0.0000	2,478.8686	2,478.8686	0.7717		2,495.0744

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0794	0.1097	1.1424	3.1100e-003	0.2623	2.0500e-003	0.2644	0.0696	1.9000e-003	0.0715		242.2870	242.2870	0.0123		242.5442
Total	0.0794	0.1097	1.1424	3.1100e-003	0.2623	2.0500e-003	0.2644	0.0696	1.9000e-003	0.0715		242.2870	242.2870	0.0123		242.5442

3.14 B-LST Steel Haul (18) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3181	13.5035	7.6484	0.0195		0.6292	0.6292		0.5789	0.5789		1,961.3265	1,961.3265	0.6106		1,974.1489
Total	1.3181	13.5035	7.6484	0.0195		0.6292	0.6292		0.5789	0.5789		1,961.3265	1,961.3265	0.6106		1,974.1489

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0161	0.1897	0.1462	6.8000e-004	0.4694	4.2300e-003	0.4737	0.0523	3.8900e-003	0.0562		66.2194	66.2194	3.3000e-004		66.2263
Worker	0.0173	0.0239	0.2484	6.8000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		52.6711	52.6711	2.6600e-003		52.7270
Total	0.0334	0.2136	0.3945	1.3600e-003	0.5265	4.6800e-003	0.5311	0.0674	4.3000e-003	0.0717		118.8905	118.8905	2.9900e-003		118.9533

3.14 B-LST Steel Haul (18) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	1,961.3265	1,961.3265	0.6106		1,974.1489
Total	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	1,961.3265	1,961.3265	0.6106		1,974.1489

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0161	0.1897	0.1462	6.8000e-004	0.1496	4.2300e-003	0.1538	0.0204	3.8900e-003	0.0242		66.2194	66.2194	3.3000e-004		66.2263
Worker	0.0173	0.0239	0.2484	6.8000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		52.6711	52.6711	2.6600e-003		52.7270
Total	0.0334	0.2136	0.3945	1.3600e-003	0.2066	4.6800e-003	0.2113	0.0355	4.3000e-003	0.0398		118.8905	118.8905	2.9900e-003		118.9533

3.15 B-LST Steel Assembly (19) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4045	24.1183	12.6143	0.0237		1.2933	1.2933		1.2179	1.2179		2,345.9187	2,345.9187	0.5883		2,358.2725
Total	2.4045	24.1183	12.6143	0.0237		1.2933	1.2933		1.2179	1.2179		2,345.9187	2,345.9187	0.5883		2,358.2725

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0829	0.1145	1.1921	3.2500e-003	0.2737	2.1400e-003	0.2759	0.0726	1.9800e-003	0.0746		252.8213	252.8213	0.0128		253.0896
Total	0.0829	0.1145	1.1921	3.2500e-003	0.2737	2.1400e-003	0.2759	0.0726	1.9800e-003	0.0746		252.8213	252.8213	0.0128		253.0896

3.15 B-LST Steel Assembly (19) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7389	20.0913	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,345.9187	2,345.9187	0.5883		2,358.2725
Total	0.7389	20.0913	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,345.9187	2,345.9187	0.5883		2,358.2725

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0829	0.1145	1.1921	3.2500e-003	0.2737	2.1400e-003	0.2759	0.0726	1.9800e-003	0.0746		252.8213	252.8213	0.0128		253.0896
Total	0.0829	0.1145	1.1921	3.2500e-003	0.2737	2.1400e-003	0.2759	0.0726	1.9800e-003	0.0746		252.8213	252.8213	0.0128		253.0896

3.16 Civil Installation Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1708	45.1432	37.8122	0.0691		2.3968	2.3968		2.2050	2.2050		6,948.7108	6,948.7108	2.1632		6,994.1386
Total	4.1708	45.1432	37.8122	0.0691		2.3968	2.3968		2.2050	2.2050		6,948.7108	6,948.7108	2.1632		6,994.1386

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4851	6.4929	6.6340	0.0192	8.0816	0.1022	8.1838	0.8846	0.0940	0.9786		1,875.4935	1,875.4935	0.0145		1,875.7970
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0691	0.0954	0.9934	2.7000e-003	0.2281	1.7800e-003	0.2299	0.0605	1.6500e-003	0.0622		210.6844	210.6844	0.0107		210.9080
Total	0.5542	6.5883	7.6274	0.0219	8.3097	0.1040	8.4137	0.9451	0.0957	1.0408		2,086.1779	2,086.1779	0.0251		2,086.7050

3.16 Civil Installation Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5677	61.8356	47.6068	0.0691		1.9326	1.9326		1.9326	1.9326	0.0000	6,948.7108	6,948.7108	2.1632		6,994.1386
Total	2.5677	61.8356	47.6068	0.0691		1.9326	1.9326		1.9326	1.9326	0.0000	6,948.7108	6,948.7108	2.1632		6,994.1386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4851	6.4929	6.6340	0.0192	2.5517	0.1022	2.6539	0.3325	0.0940	0.4265		1,875.4935	1,875.4935	0.0145		1,875.7970
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0691	0.0954	0.9934	2.7000e-003	0.2281	1.7800e-003	0.2299	0.0605	1.6500e-003	0.0622		210.6844	210.6844	0.0107		210.9080
Total	0.5542	6.5883	7.6274	0.0219	2.7798	0.1040	2.8838	0.3930	0.0957	0.4887		2,086.1779	2,086.1779	0.0251		2,086.7050

3.17 B-LST Erection (20) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.2716	53.4252	27.7402	0.0665		2.4693	2.4693		2.3280	2.3280		6,609.0373	6,609.0373	1.7734		6,646.2787
Total	5.2716	53.4252	27.7402	0.0665		2.4693	2.4693		2.3280	2.3280		6,609.0373	6,609.0373	1.7734		6,646.2787

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0967	0.1336	1.3908	3.7900e-003	0.3194	2.5000e-003	0.3219	0.0847	2.3100e-003	0.0870		294.9581	294.9581	0.0149		295.2712
Total	0.0967	0.1336	1.3908	3.7900e-003	0.3194	2.5000e-003	0.3219	0.0847	2.3100e-003	0.0870		294.9581	294.9581	0.0149		295.2712

3.17 B-LST Erection (20) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8213	53.1686	36.4955	0.0665		1.3896	1.3896		1.3896	1.3896	0.0000	6,609.0373	6,609.0373	1.7734		6,646.2786
Total	1.8213	53.1686	36.4955	0.0665		1.3896	1.3896		1.3896	1.3896	0.0000	6,609.0373	6,609.0373	1.7734		6,646.2786

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0967	0.1336	1.3908	3.7900e-003	0.3194	2.5000e-003	0.3219	0.0847	2.3100e-003	0.0870		294.9581	294.9581	0.0149		295.2712
Total	0.0967	0.1336	1.3908	3.7900e-003	0.3194	2.5000e-003	0.3219	0.0847	2.3100e-003	0.0870		294.9581	294.9581	0.0149		295.2712

3.18 Wiring Phase 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6925	7.6002	6.4758	9.4200e-003		0.4153	0.4153		0.3821	0.3821		948.3472	948.3472	0.2952		954.5471
Total	0.6925	7.6002	6.4758	9.4200e-003		0.4153	0.4153		0.3821	0.3821		948.3472	948.3472	0.2952		954.5471

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1727	0.2385	2.4836	6.7600e-003	0.5703	4.4600e-003	0.5747	0.1512	4.1200e-003	0.1554		526.7110	526.7110	0.0266		527.2701
Total	0.1727	0.2385	2.4836	6.7600e-003	0.5703	4.4600e-003	0.5747	0.1512	4.1200e-003	0.1554		526.7110	526.7110	0.0266		527.2701

3.18 Wiring Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4079	8.6582	7.1735	9.4200e-003		0.3115	0.3115		0.3115	0.3115	0.0000	948.3472	948.3472	0.2952		954.5471
Total	0.4079	8.6582	7.1735	9.4200e-003		0.3115	0.3115		0.3115	0.3115	0.0000	948.3472	948.3472	0.2952		954.5471

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1727	0.2385	2.4836	6.7600e-003	0.5703	4.4600e-003	0.5747	0.1512	4.1200e-003	0.1554		526.7110	526.7110	0.0266		527.2701
Total	0.1727	0.2385	2.4836	6.7600e-003	0.5703	4.4600e-003	0.5747	0.1512	4.1200e-003	0.1554		526.7110	526.7110	0.0266		527.2701

3.19 Electrical Phase 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5554	41.9365	22.8326	0.0425		1.9265	1.9265		1.7724	1.7724		4,280.1980	4,280.1980	1.3325		4,308.1802
Total	3.5554	41.9365	22.8326	0.0425		1.9265	1.9265		1.7724	1.7724		4,280.1980	4,280.1980	1.3325		4,308.1802

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0700e-003	0.0949	0.0731	3.4000e-004	0.2347	2.1200e-003	0.2368	0.0261	1.9500e-003	0.0281		33.1097	33.1097	1.6000e-004		33.1132
Worker	0.1831	0.2528	2.6326	7.1700e-003	0.6045	4.7200e-003	0.6092	0.1603	4.3700e-003	0.1647		558.3136	558.3136	0.0282		558.9063
Total	0.1911	0.3477	2.7057	7.5100e-003	0.8392	6.8400e-003	0.8461	0.1865	6.3200e-003	0.1928		591.4233	591.4233	0.0284		592.0194

3.19 Electrical Phase 1 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3960	37.7597	26.5513	0.0425		1.0729	1.0729		1.0729	1.0729	0.0000	4,280.1980	4,280.1980	1.3325		4,308.1802
Total	1.3960	37.7597	26.5513	0.0425		1.0729	1.0729		1.0729	1.0729	0.0000	4,280.1980	4,280.1980	1.3325		4,308.1802

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0700e-003	0.0949	0.0731	3.4000e-004	0.0748	2.1200e-003	0.0769	0.0102	1.9500e-003	0.0121		33.1097	33.1097	1.6000e-004		33.1132
Worker	0.1831	0.2528	2.6326	7.1700e-003	0.6045	4.7200e-003	0.6092	0.1603	4.3700e-003	0.1647		558.3136	558.3136	0.0282		558.9063
Total	0.1911	0.3477	2.7057	7.5100e-003	0.6793	6.8400e-003	0.6861	0.1705	6.3200e-003	0.1768		591.4233	591.4233	0.0284		592.0194

3.20 C-Install TSP Foundations (21) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.2646	48.6921	25.4620	0.0723		2.0020	2.0020		1.8419	1.8419		7,273.4565	7,273.4565	2.2643		7,321.0073
Total	4.2646	48.6921	25.4620	0.0723		2.0020	2.0020		1.8419	1.8419		7,273.4565	7,273.4565	2.2643		7,321.0073

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1614	2.1596	2.2066	6.4000e-003	2.6881	0.0340	2.7221	0.2942	0.0313	0.3255		623.8180	623.8180	4.8100e-003		623.9190
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0763	0.7947	2.1600e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		168.5475	168.5475	8.5200e-003		168.7264
Total	0.2166	2.2359	3.0013	8.5600e-003	2.8705	0.0354	2.9060	0.3426	0.0326	0.3752		792.3655	792.3655	0.0133		792.6454

3.20 C-Install TSP Foundations (21) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9533	60.0683	40.2906	0.0723		1.4693	1.4693		1.4693	1.4693	0.0000	7,273.4565	7,273.4565	2.2643		7,321.0073
Total	1.9533	60.0683	40.2906	0.0723		1.4693	1.4693		1.4693	1.4693	0.0000	7,273.4565	7,273.4565	2.2643		7,321.0073

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1614	2.1596	2.2066	6.4000e-003	0.8487	0.0340	0.8827	0.1106	0.0313	0.1419		623.8180	623.8180	4.8100e-003		623.9190
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0763	0.7947	2.1600e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		168.5475	168.5475	8.5200e-003		168.7264
Total	0.2166	2.2359	3.0013	8.5600e-003	1.0312	0.0354	1.0667	0.1590	0.0326	0.1916		792.3655	792.3655	0.0133		792.6454

3.21 C-TSP Haul (22) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0786	23.7008	10.1605	0.0277		0.9556	0.9556		0.8791	0.8791		2,789.8131	2,789.8131	0.8685		2,808.0517
Total	2.0786	23.7008	10.1605	0.0277		0.9556	0.9556		0.8791	0.8791		2,789.8131	2,789.8131	0.8685		2,808.0517

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0161	0.1897	0.1462	6.8000e-004	0.4694	4.2300e-003	0.4737	0.0523	3.8900e-003	0.0562		66.2194	66.2194	3.3000e-004		66.2263
Worker	0.0173	0.0239	0.2484	6.8000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		52.6711	52.6711	2.6600e-003		52.7270
Total	0.0334	0.2136	0.3945	1.3600e-003	0.5265	4.6800e-003	0.5311	0.0674	4.3000e-003	0.0717		118.8905	118.8905	2.9900e-003		118.9533

3.21 C-TSP Haul (22) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6796	22.2946	14.7235	0.0277		0.4983	0.4983		0.4983	0.4983	0.0000	2,789.813 1	2,789.813 1	0.8685		2,808.051 7
Total	0.6796	22.2946	14.7235	0.0277		0.4983	0.4983		0.4983	0.4983	0.0000	2,789.813 1	2,789.813 1	0.8685		2,808.051 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0161	0.1897	0.1462	6.8000e-004	0.1496	4.2300e-003	0.1538	0.0204	3.8900e-003	0.0242		66.2194	66.2194	3.3000e-004		66.2263
Worker	0.0173	0.0239	0.2484	6.8000e-004	0.0570	4.5000e-004	0.0575	0.0151	4.1000e-004	0.0155		52.6711	52.6711	2.6600e-003		52.7270
Total	0.0334	0.2136	0.3945	1.3600e-003	0.2066	4.6800e-003	0.2113	0.0355	4.3000e-003	0.0398		118.8905	118.8905	2.9900e-003		118.9533

3.22 Electrical Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0109	47.2833	31.8134	0.0537		2.2071	2.2071		2.0305	2.0305		5,400.0599	5,400.0599	1.6811		5,435.3633
Total	4.0109	47.2833	31.8134	0.0537		2.2071	2.2071		2.0305	2.0305		5,400.0599	5,400.0599	1.6811		5,435.3633

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0700e-003	0.0949	0.0731	3.4000e-004	0.2347	2.1200e-003	0.2368	0.0261	1.9500e-003	0.0281		33.1097	33.1097	1.6000e-004		33.1132
Worker	0.1831	0.2528	2.6326	7.1700e-003	0.6045	4.7200e-003	0.6092	0.1603	4.3700e-003	0.1647		558.3136	558.3136	0.0282		558.9063
Total	0.1911	0.3477	2.7057	7.5100e-003	0.8392	6.8400e-003	0.8461	0.1865	6.3200e-003	0.1928		591.4233	591.4233	0.0284		592.0194

3.22 Electrical Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9946	48.2527	36.6404	0.0537		1.5224	1.5224		1.5224	1.5224	0.0000	5,400.0599	5,400.0599	1.6811		5,435.3633
Total	1.9946	48.2527	36.6404	0.0537		1.5224	1.5224		1.5224	1.5224	0.0000	5,400.0599	5,400.0599	1.6811		5,435.3633

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0700e-003	0.0949	0.0731	3.4000e-004	0.0748	2.1200e-003	0.0769	0.0102	1.9500e-003	0.0121		33.1097	33.1097	1.6000e-004		33.1132
Worker	0.1831	0.2528	2.6326	7.1700e-003	0.6045	4.7200e-003	0.6092	0.1603	4.3700e-003	0.1647		558.3136	558.3136	0.0282		558.9063
Total	0.1911	0.3477	2.7057	7.5100e-003	0.6793	6.8400e-003	0.6861	0.1705	6.3200e-003	0.1768		591.4233	591.4233	0.0284		592.0194

3.23 C-TSP Assembly (23) - 2018**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5363	26.0440	13.2521	0.0323		1.1845	1.1845		1.1138	1.1138		3,210.7025	3,210.7025	0.8778		3,229.1359
Total	2.5363	26.0440	13.2521	0.0323		1.1845	1.1845		1.1138	1.1138		3,210.7025	3,210.7025	0.8778		3,229.1359

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0763	0.7947	2.1600e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		168.5475	168.5475	8.5200e-003		168.7264
Total	0.0553	0.0763	0.7947	2.1600e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		168.5475	168.5475	8.5200e-003		168.7264

3.23 C-TSP Assembly (23) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8727	25.8002	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,210.7025	3,210.7025	0.8778		3,229.1359
Total	0.8727	25.8002	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,210.7025	3,210.7025	0.8778		3,229.1359

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0763	0.7947	2.1600e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		168.5475	168.5475	8.5200e-003		168.7264
Total	0.0553	0.0763	0.7947	2.1600e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		168.5475	168.5475	8.5200e-003		168.7264

3.24 C-TSP Erection (24) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5363	26.0440	13.2521	0.0323		1.1845	1.1845		1.1138	1.1138		3,210.7025	3,210.7025	0.8778		3,229.1359
Total	2.5363	26.0440	13.2521	0.0323		1.1845	1.1845		1.1138	1.1138		3,210.7025	3,210.7025	0.8778		3,229.1359

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0763	0.7947	2.1600e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		168.5475	168.5475	8.5200e-003		168.7264
Total	0.0553	0.0763	0.7947	2.1600e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		168.5475	168.5475	8.5200e-003		168.7264

3.24 C-TSP Erection (24) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8727	25.8002	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,210.7025	3,210.7025	0.8778		3,229.1359
Total	0.8727	25.8002	17.6370	0.0323		0.6631	0.6631		0.6631	0.6631	0.0000	3,210.7025	3,210.7025	0.8778		3,229.1359

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0763	0.7947	2.1600e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		168.5475	168.5475	8.5200e-003		168.7264
Total	0.0553	0.0763	0.7947	2.1600e-003	0.1825	1.4300e-003	0.1839	0.0484	1.3200e-003	0.0497		168.5475	168.5475	8.5200e-003		168.7264

3.25 C-Install/Transfer Conductor (25) - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	9.5227	106.0324	56.9420	0.1086		5.3571	5.3571		4.9285	4.9285		10,929.6546	10,929.6546	3.4026		11,001.1081
Total	9.5227	106.0324	56.9420	0.1086		5.3571	5.3571		4.9285	4.9285		10,929.6546	10,929.6546	3.4026		11,001.1081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0242	0.2846	0.2193	1.0200e-003	0.7042	6.3500e-003	0.7105	0.0784	5.8400e-003	0.0843		99.3291	99.3291	4.9000e-004		99.3394
Worker	0.1174	0.1622	1.6888	4.6000e-003	0.3878	3.0300e-003	0.3908	0.1028	2.8000e-003	0.1057		358.1635	358.1635	0.0181		358.5436
Total	0.1417	0.4468	1.9081	5.6200e-003	1.0920	9.3800e-003	1.1013	0.1813	8.6400e-003	0.1899		457.4926	457.4926	0.0186		457.8831

3.25 C-Install/Transfer Conductor (25) - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5566	94.8816	68.0070	0.1086		2.7129	2.7129		2.7129	2.7129	0.0000	10,929.6546	10,929.6546	3.4026		11,001.1081
Total	3.5566	94.8816	68.0070	0.1086		2.7129	2.7129		2.7129	2.7129	0.0000	10,929.6546	10,929.6546	3.4026		11,001.1081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0242	0.2846	0.2193	1.0200e-003	0.2243	6.3500e-003	0.2307	0.0305	5.8400e-003	0.0364		99.3291	99.3291	4.9000e-004		99.3394
Worker	0.1174	0.1622	1.6888	4.6000e-003	0.3878	3.0300e-003	0.3908	0.1028	2.8000e-003	0.1057		358.1635	358.1635	0.0181		358.5436
Total	0.1417	0.4468	1.9081	5.6200e-003	0.6121	9.3800e-003	0.6215	0.1334	8.6400e-003	0.1420		457.4926	457.4926	0.0186		457.8831

3.26 Testing Phase 2 - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0449	0.0620	0.6457	1.7600e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		136.9449	136.9449	6.9200e-003		137.0902
Total	0.0449	0.0620	0.6457	1.7600e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		136.9449	136.9449	6.9200e-003		137.0902

3.26 Testing Phase 2 - 2018

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0449	0.0620	0.6457	1.7600e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		136.9449	136.9449	6.9200e-003		137.0902
Total	0.0449	0.0620	0.6457	1.7600e-003	0.1483	1.1600e-003	0.1494	0.0393	1.0700e-003	0.0404		136.9449	136.9449	6.9200e-003		137.0902

3.26 Testing Phase 2 - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0413	0.0569	0.5918	1.7500e-003	0.1483	1.1400e-003	0.1494	0.0393	1.0600e-003	0.0404		131.7312	131.7312	6.4800e-003		131.8673
Total	0.0413	0.0569	0.5918	1.7500e-003	0.1483	1.1400e-003	0.1494	0.0393	1.0600e-003	0.0404		131.7312	131.7312	6.4800e-003		131.8673

3.26 Testing Phase 2 - 2019

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0413	0.0569	0.5918	1.7500e-003	0.1483	1.1400e-003	0.1494	0.0393	1.0600e-003	0.0404		131.7312	131.7312	6.4800e-003		131.8673
Total	0.0413	0.0569	0.5918	1.7500e-003	0.1483	1.1400e-003	0.1494	0.0393	1.0600e-003	0.0404		131.7312	131.7312	6.4800e-003		131.8673

3.27 Maintenance Crew Equipment Check Phase 2 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.9618	10.3545	5.2259	0.0164		0.3779	0.3779		0.3477	0.3477		1,653.7514	1,653.7514	0.5148		1,664.5629
Total	0.9618	10.3545	5.2259	0.0164	0.0000	0.3779	0.3779	0.0000	0.3477	0.3477		1,653.7514	1,653.7514	0.5148		1,664.5629

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0104	0.0143	0.1490	4.1000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		31.6027	31.6027	1.6000e-003		31.6362
Total	0.0104	0.0143	0.1490	4.1000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		31.6027	31.6027	1.6000e-003		31.6362

3.27 Maintenance Crew Equipment Check Phase 2 - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4021	12.7004	8.7127	0.0164		0.2949	0.2949		0.2949	0.2949	0.0000	1,653.7514	1,653.7514	0.5148		1,664.5629
Total	0.4021	12.7004	8.7127	0.0164	0.0000	0.2949	0.2949	0.0000	0.2949	0.2949	0.0000	1,653.7514	1,653.7514	0.5148		1,664.5629

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0104	0.0143	0.1490	4.1000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		31.6027	31.6027	1.6000e-003		31.6362
Total	0.0104	0.0143	0.1490	4.1000e-004	0.0342	2.7000e-004	0.0345	9.0700e-003	2.5000e-004	9.3200e-003		31.6027	31.6027	1.6000e-003		31.6362

3.27 Maintenance Crew Equipment Check Phase 2 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8830	8.9423	4.9711	0.0164		0.3252	0.3252		0.2992	0.2992		1,626.5318	1,626.5318	0.5146		1,637.3387
Total	0.8830	8.9423	4.9711	0.0164	0.0000	0.3252	0.3252	0.0000	0.2992	0.2992		1,626.5318	1,626.5318	0.5146		1,637.3387

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	9.5200e-003	0.0131	0.1366	4.0000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		30.3995	30.3995	1.5000e-003		30.4309
Total	9.5200e-003	0.0131	0.1366	4.0000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		30.3995	30.3995	1.5000e-003		30.4309

3.27 Maintenance Crew Equipment Check Phase 2 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4021	12.7004	8.7127	0.0164		0.2949	0.2949		0.2949	0.2949	0.0000	1,626.5318	1,626.5318	0.5146		1,637.3387
Total	0.4021	12.7004	8.7127	0.0164	0.0000	0.2949	0.2949	0.0000	0.2949	0.2949	0.0000	1,626.5318	1,626.5318	0.5146		1,637.3387

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	9.5200e-003	0.0131	0.1366	4.0000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		30.3995	30.3995	1.5000e-003		30.4309
Total	9.5200e-003	0.0131	0.1366	4.0000e-004	0.0342	2.6000e-004	0.0345	9.0700e-003	2.4000e-004	9.3200e-003		30.3995	30.3995	1.5000e-003		30.4309

3.28 Civil Demo / Grading Phase 3 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0604	0.0000	0.0604	9.1400e-003	0.0000	9.1400e-003			0.0000			0.0000
Off-Road	22.1549	246.5466	161.5565	0.3274		10.9118	10.9118		10.0388	10.0388		32,411.0388	32,411.0388	10.2545		32,626.3835
Total	22.1549	246.5466	161.5565	0.3274	0.0604	10.9118	10.9722	9.1400e-003	10.0388	10.0480		32,411.0388	32,411.0388	10.2545		32,626.3835

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.4358	18.5624	19.9282	0.0585	24.6936	0.3123	25.0060	2.7029	0.2873	2.9902		5,618.9552	5,618.9552	0.0439		5,619.8780
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2381	0.3281	3.4142	0.0101	0.8554	6.5700e-003	0.8620	0.2269	6.0900e-003	0.2330		759.9880	759.9880	0.0374		760.7730
Total	1.6739	18.8904	23.3424	0.0687	25.5491	0.3189	25.8679	2.9298	0.2934	3.2232		6,378.9431	6,378.9431	0.0813		6,380.6510

3.28 Civil Demo / Grading Phase 3 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0272	0.0000	0.0272	4.1100e-003	0.0000	4.1100e-003			0.0000			0.0000
Off-Road	9.7235	268.9178	193.8364	0.3274		7.3003	7.3003		7.3003	7.3003	0.0000	32,411.0388	32,411.0388	10.2545		32,626.3835
Total	9.7235	268.9178	193.8364	0.3274	0.0272	7.3003	7.3275	4.1100e-003	7.3003	7.3044	0.0000	32,411.0388	32,411.0388	10.2545		32,626.3835

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.4358	18.5624	19.9282	0.0585	7.7969	0.3123	8.1092	1.0161	0.2873	1.3034		5,618.9552	5,618.9552	0.0439		5,619.8780
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2381	0.3281	3.4142	0.0101	0.8554	6.5700e-003	0.8620	0.2269	6.0900e-003	0.2330		759.9880	759.9880	0.0374		760.7730
Total	1.6739	18.8904	23.3424	0.0687	8.6523	0.3189	8.9712	1.2429	0.2934	1.5363		6,378.9431	6,378.9431	0.0813		6,380.6510

3.29 B-Shoo-fly Pole Haul (7) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8692	20.6962	9.4579	0.0277		0.8234	0.8234		0.7576	0.7576		2,744.225 2	2,744.225 2	0.8682		2,762.458 3
Total	1.8692	20.6962	9.4579	0.0277		0.8234	0.8234		0.7576	0.7576		2,744.225 2	2,744.225 2	0.8682		2,762.458 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0148	0.1670	0.1336	6.8000e-004	0.4694	3.7200e-003	0.4732	0.0523	3.4200e-003	0.0557		64.9043	64.9043	3.0000e-004		64.9106
Worker	0.0159	0.0219	0.2276	6.7000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.1000e-004	0.0155		50.6659	50.6659	2.4900e-003		50.7182
Total	0.0307	0.1889	0.3613	1.3500e-003	0.5265	4.1600e-003	0.5306	0.0674	3.8300e-003	0.0712		115.5701	115.5701	2.7900e-003		115.6288

3.29 B-Shoo-fly Pole Haul (7) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6796	22.2946	14.7235	0.0277		0.4983	0.4983		0.4983	0.4983	0.0000	2,744.225 2	2,744.225 2	0.8682		2,762.458 3
Total	0.6796	22.2946	14.7235	0.0277		0.4983	0.4983		0.4983	0.4983	0.0000	2,744.225 2	2,744.225 2	0.8682		2,762.458 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0148	0.1670	0.1336	6.8000e-004	0.1496	3.7200e-003	0.1533	0.0204	3.4200e-003	0.0238		64.9043	64.9043	3.0000e-004		64.9106
Worker	0.0159	0.0219	0.2276	6.7000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.1000e-004	0.0155		50.6659	50.6659	2.4900e-003		50.7182
Total	0.0307	0.1889	0.3613	1.3500e-003	0.2066	4.1600e-003	0.2107	0.0355	3.8300e-003	0.0393		115.5701	115.5701	2.7900e-003		115.6288

3.30 B-Install Shoo-fly Pole (9) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.8294	42.5367	26.1481	0.0720		1.7118	1.7118		1.5749	1.5749		7,129.1434	7,129.1434	2.2556		7,176.5107
Total	3.8294	42.5367	26.1481	0.0720		1.7118	1.7118		1.5749	1.5749		7,129.1434	7,129.1434	2.2556		7,176.5107

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0148	0.1670	0.1336	6.8000e-004	0.4694	3.7200e-003	0.4732	0.0523	3.4200e-003	0.0557		64.9043	64.9043	3.0000e-004		64.9106
Worker	0.0445	0.0612	0.6373	1.8900e-003	0.1597	1.2300e-003	0.1609	0.0424	1.1400e-003	0.0435		141.8644	141.8644	6.9800e-003		142.0110
Total	0.0592	0.2283	0.7710	2.5700e-003	0.6291	4.9500e-003	0.6341	0.0946	4.5600e-003	0.0992		206.7687	206.7687	7.2800e-003		206.9216

3.30 B-Install Shoo-fly Pole (9) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0398	60.3426	41.0761	0.0720		1.5525	1.5525		1.5525	1.5525	0.0000	7,129.1434	7,129.1434	2.2556		7,176.5107
Total	2.0398	60.3426	41.0761	0.0720		1.5525	1.5525		1.5525	1.5525	0.0000	7,129.1434	7,129.1434	2.2556		7,176.5107

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0148	0.1670	0.1336	6.8000e-004	0.1496	3.7200e-003	0.1533	0.0204	3.4200e-003	0.0238		64.9043	64.9043	3.0000e-004		64.9106
Worker	0.0445	0.0612	0.6373	1.8900e-003	0.1597	1.2300e-003	0.1609	0.0424	1.1400e-003	0.0435		141.8644	141.8644	6.9800e-003		142.0110
Total	0.0592	0.2283	0.7710	2.5700e-003	0.3092	4.9500e-003	0.3142	0.0627	4.5600e-003	0.0673		206.7687	206.7687	7.2800e-003		206.9216

3.31 B-Shoo-fly Pole Assembly (8) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9434	19.3474	10.8443	0.0284		0.8512	0.8512		0.8003	0.8003		2,794.1702	2,794.1702	0.7753		2,810.4506
Total	1.9434	19.3474	10.8443	0.0284		0.8512	0.8512		0.8003	0.8003		2,794.1702	2,794.1702	0.7753		2,810.4506

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0508	0.0700	0.7284	2.1600e-003	0.1825	1.4000e-003	0.1839	0.0484	1.3000e-003	0.0497		162.1308	162.1308	7.9800e-003		162.2983
Total	0.0508	0.0700	0.7284	2.1600e-003	0.1825	1.4000e-003	0.1839	0.0484	1.3000e-003	0.0497		162.1308	162.1308	7.9800e-003		162.2983

3.31 B-Shoo-fly Pole Assembly (8) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7654	22.6175	15.5235	0.0284		0.5805	0.5805		0.5805	0.5805	0.0000	2,794.1702	2,794.1702	0.7753		2,810.4506
Total	0.7654	22.6175	15.5235	0.0284		0.5805	0.5805		0.5805	0.5805	0.0000	2,794.1702	2,794.1702	0.7753		2,810.4506

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0508	0.0700	0.7284	2.1600e-003	0.1825	1.4000e-003	0.1839	0.0484	1.3000e-003	0.0497		162.1308	162.1308	7.9800e-003		162.2983
Total	0.0508	0.0700	0.7284	2.1600e-003	0.1825	1.4000e-003	0.1839	0.0484	1.3000e-003	0.0497		162.1308	162.1308	7.9800e-003		162.2983

3.32 B-Install Shoo-fly Conductor (10) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9434	19.3474	10.8443	0.0284		0.8512	0.8512		0.8003	0.8003		2,794.1702	2,794.1702	0.7753		2,810.4506
Total	1.9434	19.3474	10.8443	0.0284		0.8512	0.8512		0.8003	0.8003		2,794.1702	2,794.1702	0.7753		2,810.4506

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0148	0.1670	0.1336	6.8000e-004	0.4694	3.7200e-003	0.4732	0.0523	3.4200e-003	0.0557		64.9043	64.9043	3.0000e-004		64.9106
Worker	0.0603	0.0831	0.8649	2.5600e-003	0.2167	1.6600e-003	0.2184	0.0575	1.5400e-003	0.0590		192.5303	192.5303	9.4700e-003		192.7292
Total	0.0751	0.2502	0.9986	3.2400e-003	0.6862	5.3800e-003	0.6915	0.1098	4.9600e-003	0.1147		257.4345	257.4345	9.7700e-003		257.6398

3.32 B-Install Shoo-fly Conductor (10) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7654	22.6175	15.5235	0.0284		0.5805	0.5805		0.5805	0.5805	0.0000	2,794.1702	2,794.1702	0.7753		2,810.4506
Total	0.7654	22.6175	15.5235	0.0284		0.5805	0.5805		0.5805	0.5805	0.0000	2,794.1702	2,794.1702	0.7753		2,810.4506

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0148	0.1670	0.1336	6.8000e-004	0.1496	3.7200e-003	0.1533	0.0204	3.4200e-003	0.0238		64.9043	64.9043	3.0000e-004		64.9106
Worker	0.0603	0.0831	0.8649	2.5600e-003	0.2167	1.6600e-003	0.2184	0.0575	1.5400e-003	0.0590		192.5303	192.5303	9.4700e-003		192.7292
Total	0.0751	0.2502	0.9986	3.2400e-003	0.3663	5.3800e-003	0.3716	0.0778	4.9600e-003	0.0828		257.4345	257.4345	9.7700e-003		257.6398

3.33 Civil Installation Phase 3 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	9.7783	105.1087	84.0091	0.1887		4.7730	4.7730		4.3912	4.3912		18,673.5254	18,673.5254	5.9081		18,797.5956
Total	9.7783	105.1087	84.0091	0.1887	0.0000	4.7730	4.7730	0.0000	4.3912	4.3912		18,673.5254	18,673.5254	5.9081		18,797.5956

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4696	6.0707	6.5173	0.0191	8.0758	0.1021	8.1780	0.8840	0.0940	0.9779		1,837.6303	1,837.6303	0.0144		1,837.9321
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2381	0.3281	3.4142	0.0101	0.8554	6.5700e-003	0.8620	0.2269	6.0900e-003	0.2330		759.9880	759.9880	0.0374		760.7730
Total	0.7077	6.3987	9.9316	0.0293	8.9313	0.1087	9.0400	1.1108	0.1001	1.2109		2,597.6182	2,597.6182	0.0518		2,598.7051

3.33 Civil Installation Phase 3 - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	6.1552	161.5366	118.5571	0.1887		4.6504	4.6504		4.6504	4.6504	0.0000	18,673.5253	18,673.5253	5.9081		18,797.5955
Total	6.1552	161.5366	118.5571	0.1887	0.0000	4.6504	4.6504	0.0000	4.6504	4.6504	0.0000	18,673.5253	18,673.5253	5.9081		18,797.5955

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4696	6.0707	6.5173	0.0191	2.5499	0.1021	2.6521	0.3323	0.0940	0.4263		1,837.6303	1,837.6303	0.0144		1,837.9321
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2381	0.3281	3.4142	0.0101	0.8554	6.5700e-003	0.8620	0.2269	6.0900e-003	0.2330		759.9880	759.9880	0.0374		760.7730
Total	0.7077	6.3987	9.9316	0.0293	3.4053	0.1087	3.5140	0.5592	0.1001	0.6592		2,597.6182	2,597.6182	0.0518		2,598.7051

3.34 Electrical Phase 3 (Including Wiring) - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0007	45.6248	37.5238	0.0633		2.1353	2.1353		1.9871	1.9871		6,235.7664	6,235.7664	1.7759		6,273.0595
Total	4.0007	45.6248	37.5238	0.0633		2.1353	2.1353		1.9871	1.9871		6,235.7664	6,235.7664	1.7759		6,273.0595

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.3900e-003	0.0835	0.0668	3.4000e-004	0.2347	1.8600e-003	0.2366	0.0261	1.7100e-003	0.0279		32.4521	32.4521	1.5000e-004		32.4553
Worker	0.2635	0.3630	3.7784	0.0112	0.9467	7.2700e-003	0.9539	0.2511	6.7400e-003	0.2578		841.0533	841.0533	0.0414		841.9222
Total	0.2709	0.4466	3.8452	0.0115	1.1814	9.1300e-003	1.1905	0.2772	8.4500e-003	0.2856		873.5055	873.5055	0.0415		874.3775

3.34 Electrical Phase 3 (Including Wiring) - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4727	56.9644	43.4342	0.0633		1.9527	1.9527		1.9527	1.9527	0.0000	6,235.7664	6,235.7664	1.7759		6,273.0595
Total	2.4727	56.9644	43.4342	0.0633		1.9527	1.9527		1.9527	1.9527	0.0000	6,235.7664	6,235.7664	1.7759		6,273.0595

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.3900e-003	0.0835	0.0668	3.4000e-004	0.0748	1.8600e-003	0.0766	0.0102	1.7100e-003	0.0119		32.4521	32.4521	1.5000e-004		32.4553
Worker	0.2635	0.3630	3.7784	0.0112	0.9467	7.2700e-003	0.9539	0.2511	6.7400e-003	0.2578		841.0533	841.0533	0.0414		841.9222
Total	0.2709	0.4466	3.8452	0.0115	1.0214	9.1300e-003	1.0306	0.2612	8.4500e-003	0.2697		873.5055	873.5055	0.0415		874.3775

3.34 Electrical Phase 3 (Including Wiring) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6793	41.8710	36.9453	0.0634		1.8907	1.8907		1.7591	1.7591		6,117.0718	6,117.0718	1.7704		6,154.2494
Total	3.6793	41.8710	36.9453	0.0634		1.8907	1.8907		1.7591	1.7591		6,117.0718	6,117.0718	1.7704		6,154.2494

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.6800e-003	0.0669	0.0609	3.4000e-004	0.2347	1.4800e-003	0.2362	0.0261	1.3600e-003	0.0275		31.7158	31.7158	1.4000e-004		31.7187
Worker	0.2469	0.3365	3.5154	0.0112	0.9467	7.2200e-003	0.9539	0.2511	6.7000e-003	0.2578		806.8778	806.8778	0.0392		807.7007
Total	0.2536	0.4034	3.5763	0.0115	1.1814	8.7000e-003	1.1901	0.2772	8.0600e-003	0.2853		838.5936	838.5936	0.0393		839.4194

3.34 Electrical Phase 3 (Including Wiring) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4727	56.9644	43.4342	0.0634		1.9527	1.9527		1.9527	1.9527	0.0000	6,117.0718	6,117.0718	1.7704		6,154.2494
Total	2.4727	56.9644	43.4342	0.0634		1.9527	1.9527		1.9527	1.9527	0.0000	6,117.0718	6,117.0718	1.7704		6,154.2494

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.6800e-003	0.0669	0.0609	3.4000e-004	0.0748	1.4800e-003	0.0763	0.0102	1.3600e-003	0.0115		31.7158	31.7158	1.4000e-004		31.7187
Worker	0.2469	0.3365	3.5154	0.0112	0.9467	7.2200e-003	0.9539	0.2511	6.7000e-003	0.2578		806.8778	806.8778	0.0392		807.7007
Total	0.2536	0.4034	3.5763	0.0115	1.0214	8.7000e-003	1.0301	0.2612	8.0600e-003	0.2693		838.5936	838.5936	0.0393		839.4194

3.35 Testing Phase 3 - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0387	0.0527	0.5506	1.7500e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		126.3785	126.3785	6.1400e-003		126.5073
Total	0.0387	0.0527	0.5506	1.7500e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		126.3785	126.3785	6.1400e-003		126.5073

3.35 Testing Phase 3 - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0387	0.0527	0.5506	1.7500e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		126.3785	126.3785	6.1400e-003		126.5073
Total	0.0387	0.0527	0.5506	1.7500e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		126.3785	126.3785	6.1400e-003		126.5073

3.35 Testing Phase 3 - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0366	0.0493	0.5171	1.7600e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		124.4172	124.4172	5.8800e-003		124.5406
Total	0.0366	0.0493	0.5171	1.7600e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		124.4172	124.4172	5.8800e-003		124.5406

3.35 Testing Phase 3 - 2021

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0366	0.0493	0.5171	1.7600e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		124.4172	124.4172	5.8800e-003		124.5406
Total	0.0366	0.0493	0.5171	1.7600e-003	0.1483	1.1300e-003	0.1494	0.0393	1.0500e-003	0.0404		124.4172	124.4172	5.8800e-003		124.5406

3.36 C-Guard Structure Installation (6) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6653	37.5331	23.0967	0.0706		1.4727	1.4727		1.3756	1.3756		6,818.6783	6,818.6783	2.0438		6,861.5971
Total	3.6653	37.5331	23.0967	0.0706		1.4727	1.4727		1.3756	1.3756		6,818.6783	6,818.6783	2.0438		6,861.5971

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0134	0.1338	0.1218	6.8000e-004	0.4694	2.9600e-003	0.4724	0.0523	2.7200e-003	0.0550		63.4316	63.4316	2.7000e-004		63.4373
Worker	0.0238	0.0324	0.3388	1.0800e-003	0.0912	7.0000e-004	0.0919	0.0242	6.5000e-004	0.0248		77.7714	77.7714	3.7800e-003		77.8507
Total	0.0372	0.1663	0.4607	1.7600e-003	0.5607	3.6600e-003	0.5643	0.0765	3.3700e-003	0.0799		141.2030	141.2030	4.0500e-003		141.2880

3.36 C-Guard Structure Installation (6) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8788	57.5013	38.6801	0.0706		1.4146	1.4146		1.4146	1.4146	0.0000	6,818.6783	6,818.6783	2.0438		6,861.5971
Total	1.8788	57.5013	38.6801	0.0706		1.4146	1.4146		1.4146	1.4146	0.0000	6,818.6783	6,818.6783	2.0438		6,861.5971

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0134	0.1338	0.1218	6.8000e-004	0.1496	2.9600e-003	0.1525	0.0204	2.7200e-003	0.0231		63.4316	63.4316	2.7000e-004		63.4373
Worker	0.0238	0.0324	0.3388	1.0800e-003	0.0912	7.0000e-004	0.0919	0.0242	6.5000e-004	0.0248		77.7714	77.7714	3.7800e-003		77.8507
Total	0.0372	0.1663	0.4607	1.7600e-003	0.2408	3.6600e-003	0.2445	0.0446	3.3700e-003	0.0479		141.2030	141.2030	4.0500e-003		141.2880

3.37 D-Remove Existing Conductor & GW (11) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.9243	44.6913	26.9950	0.0632		1.8174	1.8174		1.6721	1.6721		6,124.1023	6,124.1023	1.9807		6,165.6962
Total	3.9243	44.6913	26.9950	0.0632		1.8174	1.8174		1.6721	1.6721		6,124.1023	6,124.1023	1.9807		6,165.6962

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0401	0.4015	0.3655	2.0300e-003	1.4083	8.8700e-003	1.4172	0.1569	8.1600e-003	0.1650		190.2949	190.2949	8.1000e-004		190.3120
Worker	0.0952	0.1297	1.3553	4.3200e-003	0.3650	2.7800e-003	0.3678	0.0968	2.5800e-003	0.0994		311.0854	311.0854	0.0151		311.4027
Total	0.1353	0.5312	1.7208	6.3500e-003	1.7733	0.0117	1.7850	0.2537	0.0107	0.2644		501.3804	501.3804	0.0159		501.7147

3.37 D-Remove Existing Conductor & GW (11) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9070	53.3710	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,124.1023	6,124.1023	1.9807		6,165.6961
Total	1.9070	53.3710	38.1543	0.0632		1.4111	1.4111		1.4111	1.4111	0.0000	6,124.1023	6,124.1023	1.9807		6,165.6961

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0401	0.4015	0.3655	2.0300e-003	0.4487	8.8700e-003	0.4576	0.0611	8.1600e-003	0.0692		190.2949	190.2949	8.1000e-004		190.3120
Worker	0.0952	0.1297	1.3553	4.3200e-003	0.3650	2.7800e-003	0.3678	0.0968	2.5800e-003	0.0994		311.0854	311.0854	0.0151		311.4027
Total	0.1353	0.5312	1.7208	6.3500e-003	0.8137	0.0117	0.8253	0.1579	0.0107	0.1686		501.3804	501.3804	0.0159		501.7147

3.38 D-LST Removal (12) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.9628	29.3014	17.0524	0.0433		1.3087	1.3087		1.2336	1.2336		4,168.5699	4,168.5699	1.1174		4,192.0356
Total	2.9628	29.3014	17.0524	0.0433		1.3087	1.3087		1.2336	1.2336		4,168.5699	4,168.5699	1.1174		4,192.0356

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0265	0.3139	0.3725	1.1100e-003	0.4675	5.8600e-003	0.4734	0.0512	5.3900e-003	0.0566		103.9800	103.9800	8.3000e-004		103.9975
Vendor	0.0134	0.1338	0.1218	6.8000e-004	0.4694	2.9600e-003	0.4724	0.0523	2.7200e-003	0.0550		63.4316	63.4316	2.7000e-004		63.4373
Worker	0.0417	0.0568	0.5930	1.8900e-003	0.1597	1.2200e-003	0.1609	0.0424	1.1300e-003	0.0435		136.0999	136.0999	6.6100e-003		136.2387
Total	0.0815	0.5045	1.0872	3.6800e-003	1.0966	0.0100	1.1067	0.1458	9.2400e-003	0.1551		303.5115	303.5115	7.7100e-003		303.6735

3.38 D-LST Removal (12) - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1980	34.9331	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,168.5699	4,168.5699	1.1174		4,192.0356
Total	1.1980	34.9331	23.8369	0.0433		0.9170	0.9170		0.9170	0.9170	0.0000	4,168.5699	4,168.5699	1.1174		4,192.0356

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0265	0.3139	0.3725	1.1100e-003	0.1476	5.8600e-003	0.1535	0.0192	5.3900e-003	0.0246		103.9800	103.9800	8.3000e-004		103.9975
Vendor	0.0134	0.1338	0.1218	6.8000e-004	0.1496	2.9600e-003	0.1525	0.0204	2.7200e-003	0.0231		63.4316	63.4316	2.7000e-004		63.4373
Worker	0.0417	0.0568	0.5930	1.8900e-003	0.1597	1.2200e-003	0.1609	0.0424	1.1300e-003	0.0435		136.0999	136.0999	6.6100e-003		136.2387
Total	0.0815	0.5045	1.0872	3.6800e-003	0.4569	0.0100	0.4669	0.0819	9.2400e-003	0.0912		303.5115	303.5115	7.7100e-003		303.6735

3.39 D-LST Foundation Removal (13) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4698	21.8319	20.7311	0.0407		1.1389	1.1389		1.0774	1.0774		3,921.3819	3,921.3819	1.0375		3,943.1687
Total	2.4698	21.8319	20.7311	0.0407		1.1389	1.1389		1.0774	1.0774		3,921.3819	3,921.3819	1.0375		3,943.1687

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0265	0.3139	0.3725	1.1100e-003	0.4675	5.8600e-003	0.4734	0.0512	5.3900e-003	0.0566		103.9800	103.9800	8.3000e-004		103.9975
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0298	0.0405	0.4235	1.3500e-003	0.1141	8.7000e-004	0.1149	0.0303	8.1000e-004	0.0311		97.2142	97.2142	4.7200e-003		97.3133
Total	0.0563	0.3544	0.7960	2.4600e-003	0.5816	6.7300e-003	0.5883	0.0814	6.2000e-003	0.0876		201.1942	201.1942	5.5500e-003		201.3109

3.39 D-LST Foundation Removal (13) - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	3,921.3819	3,921.3819	1.0375		3,943.1687
Total	1.4036	33.7179	25.6974	0.0407		1.0894	1.0894		1.0894	1.0894	0.0000	3,921.3819	3,921.3819	1.0375		3,943.1687

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0265	0.3139	0.3725	1.1100e-003	0.1476	5.8600e-003	0.1535	0.0192	5.3900e-003	0.0246		103.9800	103.9800	8.3000e-004		103.9975
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0298	0.0405	0.4235	1.3500e-003	0.1141	8.7000e-004	0.1149	0.0303	8.1000e-004	0.0311		97.2142	97.2142	4.7200e-003		97.3133
Total	0.0563	0.3544	0.7960	2.4600e-003	0.2617	6.7300e-003	0.2684	0.0495	6.2000e-003	0.0557		201.1942	201.1942	5.5500e-003		201.3109

3.40 C-Install LST Foundations (17) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.7988	39.6788	24.7037	0.0748		1.5718	1.5718		1.4501	1.4501		7,175.9420	7,175.9420	2.2820		7,223.8643
Total	3.7988	39.6788	24.7037	0.0748		1.5718	1.5718		1.4501	1.4501		7,175.9420	7,175.9420	2.2820		7,223.8643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6500	7.6903	9.1251	0.0271	11.4536	0.1436	11.5972	1.2537	0.1321	1.3858		2,547.5099	2,547.5099	0.0204		2,547.9389
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0476	0.0649	0.6777	2.1600e-003	0.1825	1.3900e-003	0.1839	0.0484	1.2900e-003	0.0497		155.5427	155.5427	7.5500e-003		155.7014
Total	0.6976	7.7551	9.8028	0.0293	11.6361	0.1450	11.7811	1.3021	0.1334	1.4355		2,703.0526	2,703.0526	0.0280		2,703.6403

3.40 C-Install LST Foundations (17) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9533	60.0683	40.2906	0.0748		1.4693	1.4693		1.4693	1.4693	0.0000	7,175.9419	7,175.9419	2.2820		7,223.8643
Total	1.9533	60.0683	40.2906	0.0748		1.4693	1.4693		1.4693	1.4693	0.0000	7,175.9419	7,175.9419	2.2820		7,223.8643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6500	7.6903	9.1251	0.0271	3.6165	0.1436	3.7601	0.4713	0.1321	0.6034		2,547.5099	2,547.5099	0.0204		2,547.9389
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0476	0.0649	0.6777	2.1600e-003	0.1825	1.3900e-003	0.1839	0.0484	1.2900e-003	0.0497		155.5427	155.5427	7.5500e-003		155.7014
Total	0.6976	7.7551	9.8028	0.0293	3.7990	0.1450	3.9440	0.5197	0.1334	0.6531		2,703.0526	2,703.0526	0.0280		2,703.6403

3.41 C-LST Steel Haul (18) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1128	10.4591	7.0995	0.0195		0.4798	0.4798		0.4415	0.4415		1,886.3875	1,886.3875	0.6101		1,899.1995
Total	1.1128	10.4591	7.0995	0.0195		0.4798	0.4798		0.4415	0.4415		1,886.3875	1,886.3875	0.6101		1,899.1995

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0134	0.1338	0.1218	6.8000e-004	0.4694	2.9600e-003	0.4724	0.0523	2.7200e-003	0.0550		63.4316	63.4316	2.7000e-004		63.4373
Worker	0.0149	0.0203	0.2118	6.7000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		48.6071	48.6071	2.3600e-003		48.6567
Total	0.0282	0.1541	0.3336	1.3500e-003	0.5265	3.4000e-003	0.5299	0.0674	3.1200e-003	0.0705		112.0387	112.0387	2.6300e-003		112.0940

3.41 C-LST Steel Haul (18) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	1,886.3875	1,886.3875	0.6101		1,899.1995
Total	0.5465	15.6828	11.0358	0.0195		0.4154	0.4154		0.4154	0.4154	0.0000	1,886.3875	1,886.3875	0.6101		1,899.1995

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0134	0.1338	0.1218	6.8000e-004	0.1496	2.9600e-003	0.1525	0.0204	2.7200e-003	0.0231		63.4316	63.4316	2.7000e-004		63.4373
Worker	0.0149	0.0203	0.2118	6.7000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		48.6071	48.6071	2.3600e-003		48.6567
Total	0.0282	0.1541	0.3336	1.3500e-003	0.2066	3.4000e-003	0.2100	0.0355	3.1200e-003	0.0386		112.0387	112.0387	2.6300e-003		112.0940

3.42 C-LST Steel Assembly (19) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9261	19.3867	11.5127	0.0237		0.9717	0.9717		0.9146	0.9146		2,282.5026	2,282.5026	0.5767		2,294.6125
Total	1.9261	19.3867	11.5127	0.0237		0.9717	0.9717		0.9146	0.9146		2,282.5026	2,282.5026	0.5767		2,294.6125

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0714	0.0973	1.0165	3.2400e-003	0.2737	2.0900e-003	0.2758	0.0726	1.9400e-003	0.0745		233.3141	233.3141	0.0113		233.5520
Total	0.0714	0.0973	1.0165	3.2400e-003	0.2737	2.0900e-003	0.2758	0.0726	1.9400e-003	0.0745		233.3141	233.3141	0.0113		233.5520

3.42 C-LST Steel Assembly (19) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7389	20.0913	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,282.5026	2,282.5026	0.5767		2,294.6125
Total	0.7389	20.0913	13.8219	0.0237		0.5817	0.5817		0.5817	0.5817	0.0000	2,282.5026	2,282.5026	0.5767		2,294.6125

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0714	0.0973	1.0165	3.2400e-003	0.2737	2.0900e-003	0.2758	0.0726	1.9400e-003	0.0745		233.3141	233.3141	0.0113		233.5520
Total	0.0714	0.0973	1.0165	3.2400e-003	0.2737	2.0900e-003	0.2758	0.0726	1.9400e-003	0.0745		233.3141	233.3141	0.0113		233.5520

3.43 C-LST Erection (20) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.3322	42.0480	25.2680	0.0665		1.8518	1.8518		1.7451	1.7451		6,407.5071	6,407.5071	1.7492		6,444.2407
Total	4.3322	42.0480	25.2680	0.0665		1.8518	1.8518		1.7451	1.7451		6,407.5071	6,407.5071	1.7492		6,444.2407

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.1135	1.1859	3.7800e-003	0.3194	2.4400e-003	0.3218	0.0847	2.2600e-003	0.0870		272.1998	272.1998	0.0132		272.4774
Total	0.0833	0.1135	1.1859	3.7800e-003	0.3194	2.4400e-003	0.3218	0.0847	2.2600e-003	0.0870		272.1998	272.1998	0.0132		272.4774

3.43 C-LST Erection (20) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8213	53.1686	36.4955	0.0665		1.3896	1.3896		1.3896	1.3896	0.0000	6,407.5071	6,407.5071	1.7492		6,444.2407
Total	1.8213	53.1686	36.4955	0.0665		1.3896	1.3896		1.3896	1.3896	0.0000	6,407.5071	6,407.5071	1.7492		6,444.2407

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.1135	1.1859	3.7800e-003	0.3194	2.4400e-003	0.3218	0.0847	2.2600e-003	0.0870		272.1998	272.1998	0.0132		272.4774
Total	0.0833	0.1135	1.1859	3.7800e-003	0.3194	2.4400e-003	0.3218	0.0847	2.2600e-003	0.0870		272.1998	272.1998	0.0132		272.4774

3.44 D-Install/Transfer Conductor (25) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	7.7410	85.8573	53.8533	0.0998		4.2654	4.2654		3.9242	3.9242		9,671.6685	9,671.6685	3.1280		9,737.3568
Total	7.7410	85.8573	53.8533	0.0998		4.2654	4.2654		3.9242	3.9242		9,671.6685	9,671.6685	3.1280		9,737.3568

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0200	0.2008	0.1827	1.0200e-003	0.7042	4.4300e-003	0.7086	0.0784	4.0800e-003	0.0825		95.1475	95.1475	4.1000e-004		95.1560
Worker	0.1012	0.1378	1.4400	4.5900e-003	0.3878	2.9600e-003	0.3908	0.1028	2.7400e-003	0.1056		330.5283	330.5283	0.0161		330.8654
Total	0.1212	0.3386	1.6228	5.6100e-003	1.0920	7.3900e-003	1.0994	0.1813	6.8200e-003	0.1881		425.6757	425.6757	0.0165		426.0214

3.44 D-Install/Transfer Conductor (25) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4553	88.7839	65.1527	0.0998		2.6207	2.6207		2.6207	2.6207	0.0000	9,671.6685	9,671.6685	3.1280		9,737.3568
Total	3.4553	88.7839	65.1527	0.0998		2.6207	2.6207		2.6207	2.6207	0.0000	9,671.6685	9,671.6685	3.1280		9,737.3568

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0200	0.2008	0.1827	1.0200e-003	0.2243	4.4300e-003	0.2288	0.0305	4.0800e-003	0.0346		95.1475	95.1475	4.1000e-004		95.1560
Worker	0.1012	0.1378	1.4400	4.5900e-003	0.3878	2.9600e-003	0.3908	0.1028	2.7400e-003	0.1056		330.5283	330.5283	0.0161		330.8654
Total	0.1212	0.3386	1.6228	5.6100e-003	0.6121	7.3900e-003	0.6195	0.1334	6.8200e-003	0.1402		425.6757	425.6757	0.0165		426.0214

3.45 C-Guard Structure Removal (28) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5475	25.7719	15.5323	0.0395		1.1066	1.1066		1.0388	1.0388		3,813.8228	3,813.8228	1.0719		3,836.3330
Total	2.5475	25.7719	15.5323	0.0395		1.1066	1.1066		1.0388	1.0388		3,813.8228	3,813.8228	1.0719		3,836.3330

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0134	0.1338	0.1218	6.8000e-004	0.4694	2.9600e-003	0.4724	0.0523	2.7200e-003	0.0550		63.4316	63.4316	2.7000e-004		63.4373
Worker	0.0238	0.0324	0.3388	1.0800e-003	0.0912	7.0000e-004	0.0919	0.0242	6.5000e-004	0.0248		77.7714	77.7714	3.7800e-003		77.8507
Total	0.0372	0.1663	0.4607	1.7600e-003	0.5607	3.6600e-003	0.5643	0.0765	3.3700e-003	0.0799		141.2030	141.2030	4.0500e-003		141.2880

3.45 C-Guard Structure Removal (28) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1121	32.1948	22.0696	0.0395		0.8524	0.8524		0.8524	0.8524	0.0000	3,813.8227	3,813.8227	1.0719		3,836.3330
Total	1.1121	32.1948	22.0696	0.0395		0.8524	0.8524		0.8524	0.8524	0.0000	3,813.8227	3,813.8227	1.0719		3,836.3330

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0134	0.1338	0.1218	6.8000e-004	0.1496	2.9600e-003	0.1525	0.0204	2.7200e-003	0.0231		63.4316	63.4316	2.7000e-004		63.4373
Worker	0.0238	0.0324	0.3388	1.0800e-003	0.0912	7.0000e-004	0.0919	0.0242	6.5000e-004	0.0248		77.7714	77.7714	3.7800e-003		77.8507
Total	0.0372	0.1663	0.4607	1.7600e-003	0.2408	3.6600e-003	0.2445	0.0446	3.3700e-003	0.0479		141.2030	141.2030	4.0500e-003		141.2880

3.46 Restoration (33) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.3342	32.0294	21.8087	0.0500		1.5024	1.5024		1.3836	1.3836		4,819.9271	4,819.9271	1.5456		4,852.3850
Total	3.3342	32.0294	21.8087	0.0500	0.0000	1.5024	1.5024	0.0000	1.3836	1.3836		4,819.9271	4,819.9271	1.5456		4,852.3850

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.6800e-003	0.0669	0.0609	3.4000e-004	0.2347	1.4800e-003	0.2362	0.0261	1.3600e-003	0.0275		31.7158	31.7158	1.4000e-004		31.7187
Worker	0.0268	0.0365	0.3812	1.2100e-003	0.1027	7.8000e-004	0.1034	0.0272	7.3000e-004	0.0280		87.4928	87.4928	4.2500e-003		87.5820
Total	0.0335	0.1034	0.4421	1.5500e-003	0.3374	2.2600e-003	0.3396	0.0534	2.0900e-003	0.0555		119.2086	119.2086	4.3900e-003		119.3007

3.46 Restoration (33) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.4774	39.8444	29.6709	0.0500		1.0843	1.0843		1.0843	1.0843	0.0000	4,819.9271	4,819.9271	1.5456		4,852.3850
Total	1.4774	39.8444	29.6709	0.0500	0.0000	1.0843	1.0843	0.0000	1.0843	1.0843	0.0000	4,819.9271	4,819.9271	1.5456		4,852.3850

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.6800e-003	0.0669	0.0609	3.4000e-004	0.0748	1.4800e-003	0.0763	0.0102	1.3600e-003	0.0115		31.7158	31.7158	1.4000e-004		31.7187
Worker	0.0268	0.0365	0.3812	1.2100e-003	0.1027	7.8000e-004	0.1034	0.0272	7.3000e-004	0.0280		87.4928	87.4928	4.2500e-003		87.5820
Total	0.0335	0.1034	0.4421	1.5500e-003	0.1774	2.2600e-003	0.1797	0.0374	2.0900e-003	0.0395		119.2086	119.2086	4.3900e-003		119.3007

3.47 Maintenance Crew Equipment Check Phase 3 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2371	11.7961	7.1084	0.0246		0.4298	0.4298		0.3954	0.3954		2,385.4888	2,385.4888	0.7715		2,401.6906
Total	1.2371	11.7961	7.1084	0.0246	0.0000	0.4298	0.4298	0.0000	0.3954	0.3954		2,385.4888	2,385.4888	0.7715		2,401.6906

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0149	0.0203	0.2118	6.7000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		48.6071	48.6071	2.3600e-003		48.6567
Total	0.0149	0.0203	0.2118	6.7000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		48.6071	48.6071	2.3600e-003		48.6567

3.47 Maintenance Crew Equipment Check Phase 3 - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6032	19.0506	13.0690	0.0246		0.4423	0.4423		0.4423	0.4423	0.0000	2,385.4888	2,385.4888	0.7715		2,401.6906
Total	0.6032	19.0506	13.0690	0.0246	0.0000	0.4423	0.4423	0.0000	0.4423	0.4423	0.0000	2,385.4888	2,385.4888	0.7715		2,401.6906

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0149	0.0203	0.2118	6.7000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		48.6071	48.6071	2.3600e-003		48.6567
Total	0.0149	0.0203	0.2118	6.7000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		48.6071	48.6071	2.3600e-003		48.6567

3.47 Maintenance Crew Equipment Check Phase 3 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1304	9.8197	6.7245	0.0246		0.3602	0.3602		0.3314	0.3314		2,385.304 1	2,385.304 1	0.7715		2,401.504 7
Total	1.1304	9.8197	6.7245	0.0246	0.0000	0.3602	0.3602	0.0000	0.3314	0.3314		2,385.304 1	2,385.304 1	0.7715		2,401.504 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0141	0.0190	0.1989	6.8000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		47.8528	47.8528	2.2600e-003		47.9002
Total	0.0141	0.0190	0.1989	6.8000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		47.8528	47.8528	2.2600e-003		47.9002

3.47 Maintenance Crew Equipment Check Phase 3 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6032	19.0506	13.0690	0.0246		0.4423	0.4423		0.4423	0.4423	0.0000	2,385.304 1	2,385.304 1	0.7715		2,401.504 7
Total	0.6032	19.0506	13.0690	0.0246	0.0000	0.4423	0.4423	0.0000	0.4423	0.4423	0.0000	2,385.304 1	2,385.304 1	0.7715		2,401.504 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0141	0.0190	0.1989	6.8000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		47.8528	47.8528	2.2600e-003		47.9002
Total	0.0141	0.0190	0.1989	6.8000e-004	0.0570	4.4000e-004	0.0575	0.0151	4.0000e-004	0.0155		47.8528	47.8528	2.2600e-003		47.9002

3.48 B-Guard Structure Removal (28) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5475	25.7719	15.5323	0.0395		1.1066	1.1066		1.0388	1.0388		3,813.8228	3,813.8228	1.0719		3,836.3330
Total	2.5475	25.7719	15.5323	0.0395		1.1066	1.1066		1.0388	1.0388		3,813.8228	3,813.8228	1.0719		3,836.3330

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0134	0.1338	0.1218	6.8000e-004	0.4694	2.9600e-003	0.4724	0.0523	2.7200e-003	0.0550		63.4316	63.4316	2.7000e-004		63.4373
Worker	0.0476	0.0649	0.6777	2.1600e-003	0.1825	1.3900e-003	0.1839	0.0484	1.2900e-003	0.0497		155.5427	155.5427	7.5500e-003		155.7014
Total	0.0610	0.1987	0.7995	2.8400e-003	0.6519	4.3500e-003	0.6563	0.1007	4.0100e-003	0.1047		218.9744	218.9744	7.8200e-003		219.1387

3.48 B-Guard Structure Removal (28) - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1121	32.1948	22.0696	0.0395		0.8524	0.8524		0.8524	0.8524	0.0000	3,813.8227	3,813.8227	1.0719		3,836.3330
Total	1.1121	32.1948	22.0696	0.0395		0.8524	0.8524		0.8524	0.8524	0.0000	3,813.8227	3,813.8227	1.0719		3,836.3330

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0134	0.1338	0.1218	6.8000e-004	0.1496	2.9600e-003	0.1525	0.0204	2.7200e-003	0.0231		63.4316	63.4316	2.7000e-004		63.4373
Worker	0.0476	0.0649	0.6777	2.1600e-003	0.1825	1.3900e-003	0.1839	0.0484	1.2900e-003	0.0497		155.5427	155.5427	7.5500e-003		155.7014
Total	0.0610	0.1987	0.7995	2.8400e-003	0.3321	4.3500e-003	0.3364	0.0688	4.0100e-003	0.0728		218.9744	218.9744	7.8200e-003		219.1387

3.49 Asphaltting & Fencing Phase 3 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1258	21.6036	20.1554	0.0293		1.2555	1.2555		1.1559	1.1559		2,827.353 1	2,827.353 1	0.9061		2,846.381 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1258	21.6036	20.1554	0.0293		1.2555	1.2555		1.1559	1.1559		2,827.353 1	2,827.353 1	0.9061		2,846.381 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3487	4.1259	4.8957	0.0146	14.0719	0.0771	14.1490	1.5127	0.0709	1.5836		1,366.759 3	1,366.759 3	0.0110		1,366.989 5
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0863	0.1176	1.2283	3.9100e-003	0.3308	2.5200e-003	0.3333	0.0877	2.3400e-003	0.0901		281.9212	281.9212	0.0137		282.2087
Total	0.4350	4.2434	6.1240	0.0185	14.4027	0.0796	14.4823	1.6005	0.0732	1.6737		1,648.680 5	1,648.680 5	0.0247		1,649.198 2

3.49 Asphaltting & Fencing Phase 3 - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2472	26.4312	21.8268	0.0293		0.9572	0.9572		0.9572	0.9572	0.0000	2,827.353 1	2,827.353 1	0.9061		2,846.381 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2472	26.4312	21.8268	0.0293		0.9572	0.9572		0.9572	0.9572	0.0000	2,827.353 1	2,827.353 1	0.9061		2,846.381 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3487	4.1259	4.8957	0.0146	4.3688	0.0771	4.4459	0.5441	0.0709	0.6149		1,366.759 3	1,366.759 3	0.0110		1,366.989 5
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0863	0.1176	1.2283	3.9100e-003	0.3308	2.5200e-003	0.3333	0.0877	2.3400e-003	0.0901		281.9212	281.9212	0.0137		282.2087
Total	0.4350	4.2434	6.1240	0.0185	4.6996	0.0796	4.7792	0.6318	0.0732	0.7050		1,648.680 5	1,648.680 5	0.0247		1,649.198 2

3.49 Asphaltting & Fencing Phase 3 - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9007	19.2740	19.9896	0.0293		1.0825	1.0825		0.9967	0.9967		2,827.1367	2,827.1367	0.9060		2,846.1634
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9007	19.2740	19.9896	0.0293		1.0825	1.0825		0.9967	0.9967		2,827.1367	2,827.1367	0.9060		2,846.1634

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3452	3.6213	4.8500	0.0146	10.7805	0.0764	10.8568	1.1639	0.0703	1.2342		1,366.2620	1,366.2620	0.0112		1,366.4969
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0816	0.1099	1.1535	3.9200e-003	0.3308	2.5300e-003	0.3333	0.0877	2.3400e-003	0.0901		277.5461	277.5461	0.0131		277.8213
Total	0.4268	3.7312	6.0034	0.0185	11.1112	0.0789	11.1901	1.2516	0.0726	1.3242		1,643.8081	1,643.8081	0.0243		1,644.3182

3.49 Asphaltting & Fencing Phase 3 - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2472	26.4312	21.8268	0.0293		0.9572	0.9572		0.9572	0.9572	0.0000	2,827.1367	2,827.1367	0.9060		2,846.1634
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2472	26.4312	21.8268	0.0293		0.9572	0.9572		0.9572	0.9572	0.0000	2,827.1367	2,827.1367	0.9060		2,846.1634

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3452	3.6213	4.8500	0.0146	3.3605	0.0764	3.4368	0.4231	0.0703	0.4934		1,366.2620	1,366.2620	0.0112		1,366.4969
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0816	0.1099	1.1535	3.9200e-003	0.3308	2.5300e-003	0.3333	0.0877	2.3400e-003	0.0901		277.5461	277.5461	0.0131		277.8213
Total	0.4268	3.7312	6.0034	0.0185	3.6912	0.0789	3.7701	0.5109	0.0726	0.5835		1,643.8081	1,643.8081	0.0243		1,644.3182

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

4.2 Trip Summary Information

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

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507717	0.059700	0.181648	0.140055	0.042936	0.006749	0.016265	0.033349	0.001955	0.002502	0.004345	0.000573	0.002206

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

6.0 Area Detail

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

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

6.2 Area by SubCategory

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Splicing & Testing	0.52	-0.05	0.03	0.00	0.44	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Survey	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
Survey (1)	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
Testing Phase 1	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
Testing Phase 2	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
Testing Phase 3	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
Wiring Phase 1	0.33	-0.13	-0.08	0.00	0.25	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Aerial Lifts	Diesel	Tier 2	56	56	No Change	0.00
Air Compressors	Diesel	Tier 2	29	29	No Change	0.00
Bore/Drill Rigs	Diesel	Tier 2	16	16	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 2	9	9	No Change	0.00
Concrete/Industrial Saws	Diesel	Tier 2	0	0	No Change	0.00
Cranes	Diesel	Tier 2	64	64	No Change	0.00
Crawler Tractors	Diesel	Tier 2	11	11	No Change	0.00
Excavators	Diesel	Tier 2	12	12	No Change	0.00
Forklifts	Diesel	Tier 2	36	36	No Change	0.00
Generator Sets	Diesel	Tier 2	1	1	No Change	0.00
Graders	Diesel	Tier 2	7	7	No Change	0.00
Off-Highway Trucks	Diesel	Tier 2	56	56	No Change	0.00
Other Construction Equipment	Diesel	Tier 2	25	25	No Change	0.00
Other General Industrial Equipment	Diesel	Tier 2	14	14	No Change	0.00
Pavers	Diesel	Tier 2	2	2	No Change	0.00
Plate Compactors	Diesel	Tier 2	2	2	No Change	0.00
Rollers	Diesel	Tier 2	4	4	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 2	0	0	No Change	0.00
Scrapers	Diesel	Tier 2	10	10	No Change	0.00
Skid Steer Loaders	Diesel	Tier 2	14	14	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 2	49	49	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr						Unmitigated mt/yr						
Aerial Lifts	1.68950E-001	2.79486E+000	4.55694E+000	7.01000E-003	6.82700E-002	6.28100E-002	0.00000E+000	6.24653E+002	6.24653E+002	1.98940E-001	0.00000E+000	6.28831E+002
Air Compressors	1.77820E-001	1.20804E+000	1.16372E+000	1.87000E-003	8.78200E-002	8.78200E-002	0.00000E+000	1.60813E+002	1.60813E+002	1.44300E-002	0.00000E+000	1.61116E+002
Bore/Drill Rigs	1.50340E-001	2.00230E+000	1.10164E+000	4.99000E-003	5.67600E-002	5.22200E-002	0.00000E+000	4.48590E+002	4.48590E+002	1.41630E-001	0.00000E+000	4.51564E+002
Cement and Mortar Mixers	4.14000E-003	2.59600E-002	2.17400E-002	5.00000E-005	1.01000E-003	1.01000E-003	0.00000E+000	3.23085E+000	3.23085E+000	3.40000E-004	0.00000E+000	3.23789E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	7.76590E-001	9.26367E+000	3.50302E+000	8.60000E-003	3.94010E-001	3.62480E-001	0.00000E+000	7.73358E+002	7.73358E+002	2.44560E-001	0.00000E+000	7.78494E+002
Crawler Tractors	2.94210E-001	3.86787E+000	1.23759E+000	3.74000E-003	1.46030E-001	1.34340E-001	0.00000E+000	3.36920E+002	3.36920E+002	1.06180E-001	0.00000E+000	3.39149E+002
Excavators	2.34630E-001	2.42791E+000	2.89564E+000	4.58000E-003	1.17190E-001	1.07820E-001	0.00000E+000	4.12147E+002	4.12147E+002	1.30120E-001	0.00000E+000	4.14880E+002
Forklifts	2.78820E-001	2.48902E+000	2.08898E+000	2.67000E-003	1.92220E-001	1.76840E-001	0.00000E+000	2.39463E+002	2.39463E+002	7.59900E-002	0.00000E+000	2.41059E+002
Generator Sets	7.19700E-002	6.26590E-001	6.64840E-001	1.18000E-003	3.54600E-002	3.54600E-002	0.00000E+000	1.01384E+002	1.01384E+002	5.74000E-003	0.00000E+000	1.01505E+002
Graders	7.79160E-001	7.73338E+000	4.54279E+000	6.09000E-003	4.33640E-001	3.98950E-001	0.00000E+000	5.51766E+002	5.51766E+002	1.73400E-001	0.00000E+000	5.55407E+002
Off-Highway Trucks	1.70059E+000	1.74674E+001	9.52965E+000	3.09300E-002	6.38600E-001	5.87510E-001	0.00000E+000	2.78779E+003	2.78779E+003	8.78760E-001	0.00000E+000	2.80625E+003
Other Construction Equipment	7.38180E-001	7.93950E+000	5.84090E+000	8.72000E-003	4.18190E-001	3.84730E-001	0.00000E+000	7.81501E+002	7.81501E+002	2.47790E-001	0.00000E+000	7.86704E+002
Other General Industrial Equipment	4.33550E-001	3.89077E+000	3.26233E+000	4.13000E-003	2.98390E-001	2.74520E-001	0.00000E+000	3.71439E+002	3.71439E+002	1.17450E-001	0.00000E+000	3.73905E+002
Pavers	1.88000E-002	2.01780E-001	2.02690E-001	3.30000E-004	9.80000E-003	9.02000E-003	0.00000E+000	2.90393E+001	2.90393E+001	9.31000E-003	0.00000E+000	2.92348E+001
Plate Compactors	3.90000E-004	2.42000E-003	2.03000E-003	0.00000E+000	9.00000E-005	9.00000E-005	0.00000E+000	3.01060E-001	3.01060E-001	3.00000E-005	0.00000E+000	3.01720E-001
Rollers	2.64200E-002	2.64640E-001	2.43630E-001	3.40000E-004	1.67600E-002	1.54200E-002	0.00000E+000	2.98213E+001	2.98213E+001	9.60000E-003	0.00000E+000	3.00229E+001
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	1.45991E+000	1.78254E+001	1.10954E+001	2.02500E-002	6.99870E-001	6.43880E-001	0.00000E+000	1.82854E+003	1.82854E+003	5.75420E-001	0.00000E+000	1.84062E+003
Skid Steer Loaders	1.00010E-001	1.33136E+000	1.63077E+000	2.43000E-003	6.14300E-002	5.65100E-002	0.00000E+000	2.18063E+002	2.18063E+002	6.88800E-002	0.00000E+000	2.19509E+002

Tractors/Loaders/ Backhoes	9.07270E-001	9.05981E+000	8.66575E+000	1.16400E-002	6.16050E-001	5.66760E-001	0.00000E+000	1.05033E+003	1.05033E+003	3.30890E-001	0.00000E+000	1.05727E+003
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Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Aerial Lifts	3.30320E-001	6.82177E+000	5.31380E+000	7.01000E-003	2.75740E-001	2.75740E-001	0.00000E+000	6.24652E+002	6.24652E+002	1.98940E-001	0.00000E+000	6.28830E+002
Air Compressors	7.17400E-002	1.48163E+000	1.15411E+000	1.87000E-003	5.98900E-002	5.98900E-002	0.00000E+000	1.60812E+002	1.60812E+002	1.44300E-002	0.00000E+000	1.61115E+002
Bore/Drill Rigs	1.24410E-001	4.30258E+000	2.69559E+000	4.99000E-003	9.12400E-002	9.12400E-002	0.00000E+000	4.48589E+002	4.48589E+002	1.41630E-001	0.00000E+000	4.51563E+002
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	5.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	3.23084E+000	3.23084E+000	3.40000E-004	0.00000E+000	3.23789E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	2.11470E-001	7.31347E+000	4.58193E+000	8.60000E-003	1.55080E-001	1.55080E-001	0.00000E+000	7.73357E+002	7.73357E+002	2.44560E-001	0.00000E+000	7.78493E+002
Crawler Tractors	9.18100E-002	3.17501E+000	1.98916E+000	3.74000E-003	6.73300E-002	6.73300E-002	0.00000E+000	3.36919E+002	3.36919E+002	1.06180E-001	0.00000E+000	3.39149E+002
Excavators	1.78440E-001	3.91629E+000	3.47488E+000	4.58000E-003	1.20210E-001	1.20210E-001	0.00000E+000	4.12147E+002	4.12147E+002	1.30120E-001	0.00000E+000	4.14879E+002
Forklifts	1.26330E-001	2.60896E+000	2.03224E+000	2.67000E-003	1.05460E-001	1.05460E-001	0.00000E+000	2.39463E+002	2.39463E+002	7.59900E-002	0.00000E+000	2.41059E+002
Generator Sets	4.52300E-002	9.34090E-001	7.27610E-001	1.18000E-003	3.77600E-002	3.77600E-002	0.00000E+000	1.01384E+002	1.01384E+002	5.74000E-003	0.00000E+000	1.01505E+002
Graders	2.34640E-001	5.14971E+000	4.56929E+000	6.09000E-003	1.58070E-001	1.58070E-001	0.00000E+000	5.51765E+002	5.51765E+002	1.73400E-001	0.00000E+000	5.55407E+002
Off-Highway Trucks	7.59500E-001	2.39195E+001	1.64404E+001	3.09300E-002	5.56550E-001	5.56550E-001	0.00000E+000	2.78779E+003	2.78779E+003	8.78760E-001	0.00000E+000	2.80624E+003
Other Construction Equipment	3.41500E-001	7.49495E+000	6.65019E+000	8.72000E-003	2.30060E-001	2.30060E-001	0.00000E+000	7.81500E+002	7.81500E+002	2.47790E-001	0.00000E+000	7.86703E+002
Other General Industrial Equipment	1.95890E-001	4.04547E+000	3.15121E+000	4.13000E-003	1.63520E-001	1.63520E-001	0.00000E+000	3.71438E+002	3.71438E+002	1.17450E-001	0.00000E+000	3.73905E+002
Pavers	1.27500E-002	2.79930E-001	2.48380E-001	3.30000E-004	8.59000E-003	8.59000E-003	0.00000E+000	2.90392E+001	2.90392E+001	9.31000E-003	0.00000E+000	2.92348E+001
Plate Compactors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	3.01060E-001	3.01060E-001	3.00000E-005	0.00000E+000	3.01720E-001
Rollers	1.58800E-002	3.27900E-001	2.55410E-001	3.40000E-004	1.32500E-002	1.32500E-002	0.00000E+000	2.98213E+001	2.98213E+001	9.60000E-003	0.00000E+000	3.00228E+001
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	4.98300E-001	1.57381E+001	1.07966E+001	2.02500E-002	3.65420E-001	3.65420E-001	0.00000E+000	1.82853E+003	1.82853E+003	5.75420E-001	0.00000E+000	1.84062E+003
Skid Steer Loaders	1.14430E-001	2.36321E+000	1.84081E+000	2.43000E-003	9.55200E-002	9.55200E-002	0.00000E+000	2.18063E+002	2.18063E+002	6.88800E-002	0.00000E+000	2.19509E+002
Tractors/Loaders/Balckhoes	5.45630E-001	1.12684E+001	8.77747E+000	1.16400E-002	4.55480E-001	4.55480E-001	0.00000E+000	1.05032E+003	1.05032E+003	3.30890E-001	0.00000E+000	1.05727E+003

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Aerial Lifts	-9.55135E-001	-1.44083E+000	-1.66090E-001	0.00000E+000	-3.03896E+000	-3.39007E+000	0.00000E+000	1.18466E-006	1.18466E-006	0.00000E+000	0.00000E+000	1.19269E-006
Air Compressors	5.96558E-001	-2.26474E-001	8.25800E-003	0.00000E+000	3.18037E-001	3.18037E-001	0.00000E+000	1.18150E-006	1.18150E-006	0.00000E+000	0.00000E+000	1.17928E-006
Bore/Drill Rigs	1.72476E-001	-1.14882E+000	-1.44689E+000	0.00000E+000	-6.07470E-001	-7.47223E-001	0.00000E+000	1.18148E-006	1.18148E-006	0.00000E+000	0.00000E+000	1.19584E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	3.09516E-006	3.09516E-006	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	7.27694E-001	2.10521E-001	-3.07994E-001	0.00000E+000	6.06406E-001	5.72169E-001	0.00000E+000	1.18962E-006	1.18962E-006	0.00000E+000	0.00000E+000	1.19461E-006
Crawler Tractors	6.87944E-001	1.79132E-001	-6.07285E-001	0.00000E+000	5.38930E-001	4.98809E-001	0.00000E+000	1.18723E-006	1.18723E-006	0.00000E+000	0.00000E+000	1.20891E-006
Excavators	2.39483E-001	-6.13029E-001	-2.00039E-001	0.00000E+000	-2.57701E-002	-1.14914E-001	0.00000E+000	1.18890E-006	1.18890E-006	0.00000E+000	0.00000E+000	1.18107E-006
Forklifts	5.46912E-001	-4.81876E-002	2.71616E-002	0.00000E+000	4.51358E-001	4.03642E-001	0.00000E+000	1.21104E-006	1.21104E-006	0.00000E+000	0.00000E+000	1.20303E-006
Generator Sets	3.71544E-001	-4.90752E-001	-9.44137E-002	0.00000E+000	-6.48618E-002	-6.48618E-002	0.00000E+000	1.18362E-006	1.18362E-006	0.00000E+000	0.00000E+000	1.18221E-006
Graders	6.98855E-001	3.34093E-001	-5.83342E-003	0.00000E+000	6.35481E-001	6.03785E-001	0.00000E+000	1.19616E-006	1.19616E-006	0.00000E+000	0.00000E+000	1.18832E-006
Off-Highway Trucks	5.53390E-001	-3.69382E-001	-7.25180E-001	0.00000E+000	1.28484E-001	5.26970E-002	0.00000E+000	1.19091E-006	1.19091E-006	0.00000E+000	0.00000E+000	1.18664E-006
Other Construction Equipment	5.37376E-001	5.59922E-002	-1.38556E-001	0.00000E+000	4.49867E-001	4.02022E-001	0.00000E+000	1.19002E-006	1.19002E-006	0.00000E+000	0.00000E+000	1.18215E-006
Other General Industrial Equipment	5.48172E-001	-3.97608E-002	3.40615E-002	0.00000E+000	4.51992E-001	4.04342E-001	0.00000E+000	1.21151E-006	1.21151E-006	0.00000E+000	0.00000E+000	1.17677E-006
Pavers	3.21809E-001	-3.87303E-001	-2.25418E-001	0.00000E+000	1.23469E-001	4.76718E-002	0.00000E+000	1.03308E-006	1.03308E-006	0.00000E+000	0.00000E+000	1.36823E-006
Plate Compactors	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	3.98940E-001	-2.39042E-001	-4.83520E-002	0.00000E+000	2.09427E-001	1.40726E-001	0.00000E+000	1.00599E-006	1.00599E-006	0.00000E+000	0.00000E+000	1.33232E-006
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	6.58678E-001	1.17099E-001	2.69381E-002	0.00000E+000	4.77874E-001	4.32472E-001	0.00000E+000	1.18674E-006	1.18674E-006	0.00000E+000	0.00000E+000	1.18982E-006
Skid Steer Loaders	-1.44186E-001	-7.75035E-001	-1.28798E-001	0.00000E+000	-5.54941E-001	-6.90320E-001	0.00000E+000	1.19232E-006	1.19232E-006	0.00000E+000	0.00000E+000	1.18446E-006
Tractors/Loaders/Balckhoes	3.98602E-001	-2.43777E-001	-1.28921E-002	0.00000E+000	2.60644E-001	1.96344E-001	0.00000E+000	1.19011E-006	1.19011E-006	0.00000E+000	0.00000E+000	1.19174E-006

B-Install Shoo-fly Pole (9)	Roads	0.00	0.00	0.00	0.00	0.49	0.33
B-LST Erection (20)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
B-LST Erection (20)	Roads	0.00	0.00	0.00	0.00	0.00	0.00
B-LST Steel Assembly (19)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
B-LST Steel Assembly (19)	Roads	0.00	0.00	0.00	0.00	0.00	0.00
B-LST Steel Haul (18)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
B-LST Steel Haul (18)	Roads	0.00	0.00	0.00	0.00	0.60	0.44
B-Shoo-fly Pole Assembly (8)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
B-Shoo-fly Pole Assembly (8)	Roads	0.00	0.00	0.00	0.00	0.00	0.00
B-Shoo-fly Pole Haul (7)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
B-Shoo-fly Pole Haul (7)	Roads	0.00	0.00	0.00	0.00	0.59	0.50
C-Guard Structure Installation (6)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
C-Guard Structure Installation (6)	Roads	0.00	0.00	0.00	0.00	0.56	0.40
C-Guard Structure Removal (28)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
C-Guard Structure Removal (28)	Roads	0.00	0.00	0.00	0.00	0.56	0.43
C-Install LST Foundations (17)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
C-Install LST Foundations (17)	Roads	0.02	0.00	0.01	0.00	0.67	0.59
C-Install TSP Foundations (21)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
C-Install TSP Foundations (21)	Roads	0.01	0.00	0.00	0.00	0.64	0.52
C-Install/Transfer Conductor (25)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
C-Install/Transfer Conductor (25)	Roads	0.05	0.01	0.03	0.01	0.43	0.25
Civil Demo / Grading Phase 2	Fugitive Dust	0.00	0.00	0.00	0.00	0.55	0.56
Civil Demo / Grading Phase 2	Roads	0.53	0.06	0.17	0.02	0.68	0.61
Civil Demo / Grading Phase 3	Fugitive Dust	0.00	0.00	0.00	0.00	0.55	0.55

Splicing & Testing	Roads	0.04	0.01	0.04	0.01	0.00	0.00
Survey	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Survey	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Survey (1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Survey (1)	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Testing Phase 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Testing Phase 1	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Testing Phase 2	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Testing Phase 2	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Testing Phase 3	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Testing Phase 3	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Wiring Phase 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Wiring Phase 1	Roads	0.03	0.01	0.03	0.01	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	100.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00

DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	