

APPENDIX 5.3-A

AIR QUALITY CONSTRUCTION EMISSIONS CALCULATIONS

Peak Daily Emission Calculation Methodology

Emissions were modeled using CalEEMod v. 2013.2.2.

As a result of an apparent glitch in CalEEMod, emissions from worker trips resulting from commuting to and from the project site were addressed in a separate model run. Two model outputs (one for commuter trips and one for everything else) have been generated. Also as a result of the glitch, the schedule dates in the run containing the worker trips are not correct.

A summary table was developed adding the emissions from both models for the phases which result in the peak daily emissions.

For 2018, the overlapping phases producing the peak emissions were 1(b), 3(a), and 3(b).

For 2019, the overlapping phases producing the peak emissions were 1(d), 1(e), 6(b), 7(a), and 10(c).

For 2020, the overlapping phases producing the peak emissions were 2(c) and 2(b) for all emissions except NO_x, which was 2(e) and 5(c).

San Diego Gas & Electric Company
Artesian 230kV Substation Expansion Project
July, 2016

Emission Model Output

Construction Emissions - Excluding Worker Commuting Trips

Artesian - Excluding Worker Commute San Diego County APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	50.00	User Defined Unit	5.90	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - User defined size metric: acres.

Construction Phase - Project-specific phases used.

Off-road Equipment - Project-specific equipment input.

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Off-road Equipment - Project-specific equipment input.

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Off-road Equipment - Project-specific equipment input.

Off-road Equipment - Project-specific equipment input.

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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	8.4036	92.8877	65.6423	0.1062	16.2658	4.2296	20.4955	7.1571	3.8913	11.0483			10,631.7402	2.7025	0.0000	10,688.4927
2019	7.8656	79.7409	48.4152	0.1342	0.0000	3.2778	3.2778	0.0000	3.0294	3.0294			13,258.8847	4.0856	0.0000	13,344.6827
2020	7.9410	83.3514	66.0777	0.1182	18.4393	3.7820	22.2212	7.4001	3.4794	10.8795			11,381.8427	3.4971	0.0000	11,455.2818
2021	0.3097	2.8316	2.0161	4.8400e-003	0.4313	0.1330	0.5642	0.0466	0.1223	0.1689			468.5645	0.1515	0.0000	471.7469
Total	24.5198	258.8116	182.1513	0.3634	35.1363	11.4224	46.5587	14.6037	10.5223	25.1261			35,741.0320	10.4368	0.0000	35,960.2041

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	3.1396	77.5560	58.4322	0.1062	7.5831	2.0162	9.5993	3.2928	2.0089	5.3017			10,631.7402	2.7025	0.0000	10,688.4927
2019	3.6181	105.8521	75.2774	0.1342	0.0000	2.6624	2.6624	0.0000	2.6624	2.6624			13,258.8847	4.0856	0.0000	13,344.6827
2020	3.5134	87.0602	65.5249	0.1182	8.5882	2.2894	10.8776	3.4096	2.2816	5.6912			11,381.8427	3.4971	0.0000	11,455.2818
2021	0.1402	3.8518	2.9064	4.8400e-003	0.1941	0.0992	0.2933	0.0210	0.0992	0.1202			468.5645	0.1515	0.0000	471.7469
Total	10.4112	274.3201	202.1409	0.3634	16.3653	7.0672	23.4326	6.7234	7.0521	13.7754			35,741.0320	10.4368	0.0000	35,960.2041

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	57.54	-5.99	-10.97	0.00	53.42	38.13	49.67	53.96	32.98	45.17	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
	Area	Energy	Mobile	Total	Area	Energy	Mobile	Total	Area	Energy	Mobile	Total	Area	Energy	Mobile	Total
Area	4.8000e-004	5.0000e-005	5.1400e-003	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005	0.0109	3.0000e-005	0.0116				
Energy	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.8000e-004	5.0000e-005	5.1400e-003	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005	0.0109	3.0000e-005	0.0116				

Mitigated Operational

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Area	4.8000e-004	5.0000e-005	5.1400e-003	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0109	3.0000e-005	0.0116			
Energy	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.8000e-004	5.0000e-005	5.1400e-003	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0109	3.0000e-005	0.0116			

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	1(a) Eastern Parcel Demolition	Demolition	8/1/2018	8/28/2018	6	24	
2	Staging Yard Setup / Road Refresh	Site Preparation	8/1/2018	8/14/2018	6	12	
3	1(b) Eastern Parcel Site Prep	Grading	9/1/2018	11/30/2018	6	78	
4	3(b) Below Grade Construction (New Duct Installation)	Building Construction	9/3/2018	9/30/2018	6	24	
5	3(a) Foundations	Building Construction	9/3/2018	9/30/2018	6	24	
6	3(c) Above Grade Construction	Building Construction	10/1/2018	10/28/2018	6	24	
7	3(d) Relay Testing and Energization	Site Preparation	11/1/2018	11/28/2018	6	24	
8	4(a) Above Grade Construction	Building Construction	11/1/2018	11/28/2018	6	24	
9	4(b) Below Grade Construction	Building Construction	12/1/2018	12/28/2018	6	24	
10	1(c) Substation Construction - Below Grade	Building Construction	12/2/2018	6/29/2019	6	180	
11	4(c) Relay Testing and Energization	Building Construction	1/1/2019	1/28/2019	6	24	
12	9(a) Trenching and Duct Bank Installation	Trenching	1/7/2019	2/3/2019	6	24	
13	9(b) Pulling and Conductor/Cable Installation	Building Construction	2/4/2019	3/3/2019	6	24	
14	10(a) Construct Pier Foundations	Building Construction	3/1/2019	5/30/2019	6	78	
15	1(e) Wiring and Relay Testing	Building Construction	4/1/2019	12/1/2019	6	210	
16	10(b) Direct Bury Structures and Foundation Pole Installations	Building Construction	6/1/2019	8/30/2019	6	78	
17	1(d) Substation Construction - Above Grade	Site Preparation	6/20/2019	12/1/2019	6	141	
18	6(a) Trenching and Duct Bank Installation	Trenching	8/1/2019	9/25/2019	6	48	
19	10(c) Stringing and Conductor Installation	Building Construction	9/1/2019	10/26/2019	6	48	
20	6(b) Pulling and Conductor/Cable Installation	Building Construction	10/1/2019	11/25/2019	6	48	
21	7(a) Underground Trench/Conduit/Substructure	Building Construction	10/1/2019	11/25/2019	6	48	

22	10(d) Remove Old Structures	Demolition	11/1/2019	11/28/2019	6	24
23	7(b) Cable/Conduit Pulling and Tensioning	Building Construction	12/2/2019	12/29/2019	6	24
24	1(f) Substation Cutover and Energization	Building Construction	12/3/2019	1/27/2020	6	48
25	2(a) Demo Old 69/12-kV Substation	Demolition	2/1/2020	2/28/2020	6	24
26	2(c) Access Road and Retention Basin	Site Preparation	3/1/2020	4/25/2020	6	48
27	2(b) Western Parcel Site Prep	Site Preparation	3/1/2020	4/25/2020	6	48
28	2(d) Substation Construction - Below Grade	Building Construction	5/1/2020	7/3/2020	6	55
29	2(f) Wiring and Relay Testing	Site Preparation	7/1/2020	11/29/2020	6	130
30	2(e) Substation Construction - Above Grade	Building Construction	8/1/2020	11/28/2020	6	103
31	5(a) Construct Foundation	Building Construction	8/3/2020	9/27/2020	6	48
32	5(b) Pole Installation	Building Construction	10/1/2020	10/28/2020	6	24
33	5(c) Stringing and Conductor Installation	Building Construction	11/1/2020	11/28/2020	6	24
34	2(g) Substation Cutover & Energization	Building Construction	12/1/2020	12/28/2020	6	24
35	Demobilization	Site Preparation	1/4/2021	1/17/2021	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
1(a) Eastern Parcel Demolition	Cranes	1	5.00	226	0.29
1(a) Eastern Parcel Demolition	Excavators	1	5.00	162	0.38
1(a) Eastern Parcel Demolition	Forklifts	2	5.00	89	0.20
1(a) Eastern Parcel Demolition	Off-Highway Trucks	1	6.70	400	0.38
1(a) Eastern Parcel Demolition	Off-Highway Trucks	1	5.00	400	0.38
1(a) Eastern Parcel Demolition	Other Construction Equipment	2	5.00	2	0.42
Staging Yard Setup / Road Refresh	Graders	1	4.00	174	0.41
Staging Yard Setup / Road Refresh	Off-Highway Trucks	1	3.00	400	0.38
Staging Yard Setup / Road Refresh	Other General Industrial Equipment	1	4.00	25	0.34
1(b) Eastern Parcel Site Prep	Excavators	1	6.00	162	0.38
1(b) Eastern Parcel Site Prep	Graders	2	8.00	174	0.41
1(b) Eastern Parcel Site Prep	Off-Highway Trucks	1	4.00	400	0.38
1(b) Eastern Parcel Site Prep	Rollers	1	8.00	80	0.38
1(b) Eastern Parcel Site Prep	Rubber Tired Dozers	2	8.00	255	0.40
1(b) Eastern Parcel Site Prep	Scrapers	2	8.00	361	0.48
1(b) Eastern Parcel Site Prep	Tractors/Loaders/Backhoes	2	6.00	97	0.37
3(b) Below Grade Construction (New Duct Installation)	Off-Highway Trucks	1	2.00	400	0.38
3(b) Below Grade Construction (New Duct Installation)	Skid Steer Loaders	1	6.00	64	0.37
3(b) Below Grade Construction (New Duct Installation)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
4(b) Below Grade Construction	Other Construction Equipment	1	5.00	171	0.42
4(b) Below Grade Construction	Other Construction Equipment	1	5.00	171	0.42
1(c) Substation Construction - Below Grade	Bore/Drill Rigs	1	0.50	205	0.50
1(c) Substation Construction - Below Grade	Cranes	1	2.00	226	0.29
1(c) Substation Construction - Below Grade	Forklifts	1	6.00	89	0.20
1(c) Substation Construction - Below Grade	Off-Highway Trucks	1	2.00	400	0.38
1(c) Substation Construction - Below Grade	Plate Compactors	1	8.00	8	0.43
1(c) Substation Construction - Below Grade	Tractors/Loaders/Backhoes	2	6.00	97	0.37
1(c) Substation Construction - Below Grade	Trenchers	1	8.00	80	0.50
9(a) Trenching and Duct Bank Installation	Off-Highway Trucks	1	4.00	400	0.38

9(a) Trenching and Duct Bank Installation	Skid Steer Loaders	1	6.00	64	0.37
9(a) Trenching and Duct Bank Installation	Tractors/Loaders/Backhoes	1	6.00	97	0.37
9(b) Pulling and Conductor/Cable Installation	Other Construction Equipment	1	6.00	171	0.42
9(b) Pulling and Conductor/Cable Installation	Other Construction Equipment	1	6.00	71	0.42
10(a) Construct Pier Foundations	Air Compressors	1	3.00	78	0.48
10(a) Construct Pier Foundations	Bore/Drill Rigs	2	6.00	205	0.50
10(a) Construct Pier Foundations	Generator Sets	2	2.00	84	0.74
10(a) Construct Pier Foundations	Off-Highway Trucks	2	4.00	400	0.38
10(a) Construct Pier Foundations	Off-Highway Trucks	2	5.00	400	0.38
10(a) Construct Pier Foundations	Off-Highway Trucks	5	1.00	400	0.38
10(b) Direct Bury Structures and Foundation Pole Installations	Bore/Drill Rigs	1	6.00	205	0.50
10(b) Direct Bury Structures and Foundation Pole Installations	Cranes	1	5.00	226	0.29
10(b) Direct Bury Structures and Foundation Pole Installations	Off-Highway Trucks	2	4.00	400	0.38
10(b) Direct Bury Structures and Foundation Pole Installations	Off-Highway Trucks	1	3.00	400	0.38
10(b) Direct Bury Structures and Foundation Pole Installations	Off-Highway Trucks	1	5.00	400	0.38
10(b) Direct Bury Structures and Foundation Pole Installations	Off-Highway Trucks	3	6.00	400	0.38
1(d) Substation Construction - Above Grade	Cranes	1	0.40	226	0.29
1(d) Substation Construction - Above Grade	Forklifts	2	2.00	89	0.20
1(d) Substation Construction - Above Grade	Off-Highway Trucks	2	6.00	400	0.38
1(d) Substation Construction - Above Grade	Off-Highway Trucks	2	6.00	400	0.38
1(d) Substation Construction - Above Grade	Off-Highway Trucks	1	1.00	400	0.38
1(d) Substation Construction - Above Grade	Other Construction Equipment	1	0.70	171	0.42
1(d) Substation Construction - Above Grade	Other Construction Equipment	1	0.50	171	0.42
6(a) Trenching and Duct Bank Installation	Concrete/Industrial Saws	1	6.00	81	0.73
6(a) Trenching and Duct Bank Installation	Cranes	1	4.00	226	0.29
6(a) Trenching and Duct Bank Installation	Off-Highway Trucks	1	1.00	400	0.38
6(a) Trenching and Duct Bank Installation	Off-Highway Trucks	1	3.00	400	0.38
6(a) Trenching and Duct Bank Installation	Pavers	1	5.00	125	0.42
6(a) Trenching and Duct Bank Installation	Tractors/Loaders/Backhoes	1	6.00	97	0.37
10(c) Stringing and Conductor Installation	Off-Highway Trucks	2	4.00	400	0.38
10(c) Stringing and Conductor Installation	Off-Highway Trucks	5	6.00	400	0.38
10(c) Stringing and Conductor Installation	Other Construction Equipment	1	6.00	171	0.42
6(b) Pulling and Conductor/Cable Installation	Other Construction Equipment	1	5.00	171	0.42
6(b) Pulling and Conductor/Cable Installation	Other Construction Equipment	1	3.00	71	0.42
7(a) Underground Trench/Conduit/Substructure	Concrete/Industrial Saws	1	6.00	81	0.73
7(a) Underground Trench/Conduit/Substructure	Cranes	1	4.00	226	0.29
7(a) Underground Trench/Conduit/Substructure	Off-Highway Trucks	1	1.00	400	0.38
7(a) Underground Trench/Conduit/Substructure	Off-Highway Trucks	1	3.00	400	0.38
7(a) Underground Trench/Conduit/Substructure	Pavers	1	5.00	125	0.42
7(a) Underground Trench/Conduit/Substructure	Tractors/Loaders/Backhoes	1	6.00	97	0.37
10(d) Remove Old Structures	Off-Highway Trucks	4	8.00	400	0.38
7(b) Cable/Conduit Pulling and Tensioning	Other Construction Equipment	1	6.00	171	0.42
7(b) Cable/Conduit Pulling and Tensioning	Other Construction Equipment	1	4.00	71	0.42
1(f) Substation Cutover and Energization	Off-Highway Trucks	2	2.00	400	0.38
2(a) Demo Old 69/12-kV Substation	Excavators	1	2.00	162	0.38
2(a) Demo Old 69/12-kV Substation	Off-Highway Trucks	1	4.00	400	0.38
2(a) Demo Old 69/12-kV Substation	Off-Highway Trucks	2	6.00	400	0.38
2(a) Demo Old 69/12-kV Substation	Other Construction Equipment	1	2.00	2	0.42
2(c) Access Road and Retention Basin	Excavators	1	6.00	162	0.38
2(c) Access Road and Retention Basin	Graders	1	8.00	174	0.41
2(c) Access Road and Retention Basin	Off-Highway Trucks	1	4.00	400	0.38

2(c) Access Road and Retention Basin	Rollers	1	8.00	80	0.38
2(c) Access Road and Retention Basin	Rubber Tired Dozers	1	8.00	255	0.40
2(c) Access Road and Retention Basin	Scrapers	1	8.00	361	0.48
2(c) Access Road and Retention Basin	Tractors/Loaders/Backhoes	2	6.00	97	0.37
2(b) Western Parcel Site Prep	Excavators	1	6.00	162	0.38
2(b) Western Parcel Site Prep	Graders	1	8.00	174	0.41
2(b) Western Parcel Site Prep	Off-Highway Trucks	1	4.00	400	0.38
2(b) Western Parcel Site Prep	Rollers	1	8.00	80	0.38
2(b) Western Parcel Site Prep	Rubber Tired Dozers	1	8.00	255	0.40
2(b) Western Parcel Site Prep	Scrapers	1	8.00	361	0.48
2(b) Western Parcel Site Prep	Tractors/Loaders/Backhoes	2	6.00	97	0.37
2(d) Substation Construction - Below Grade	Bore/Drill Rigs	1	1.20	205	0.50
2(d) Substation Construction - Below Grade	Cranes	1	1.00	226	0.29
2(d) Substation Construction - Below Grade	Forklifts	1	6.00	89	0.20
2(d) Substation Construction - Below Grade	Off-Highway Trucks	1	2.00	400	0.38
2(d) Substation Construction - Below Grade	Plate Compactors	1	8.00	8	0.43
2(d) Substation Construction - Below Grade	Tractors/Loaders/Backhoes	1	3.00	97	0.37
2(d) Substation Construction - Below Grade	Tractors/Loaders/Backhoes	1	6.00	97	0.37
2(d) Substation Construction - Below Grade	Trenchers	1	8.00	80	0.50
2(e) Substation Construction - Above Grade	Cranes	1	0.90	226	0.29
2(e) Substation Construction - Above Grade	Forklifts	2	2.00	89	0.20
2(e) Substation Construction - Above Grade	Off-Highway Trucks	4	8.00	400	0.38
2(e) Substation Construction - Above Grade	Off-Highway Trucks	1	0.90	100	0.38
2(e) Substation Construction - Above Grade	Other Construction Equipment	1	1.10	71	0.42
2(e) Substation Construction - Above Grade	Other Construction Equipment	1	0.60	71	0.42
5(a) Construct Foundation	Air Compressors	1	3.00	78	0.48
5(a) Construct Foundation	Bore/Drill Rigs	1	2.90	205	0.50
5(a) Construct Foundation	Generator Sets	1	3.00	84	0.74
5(a) Construct Foundation	Off-Highway Trucks	2	3.00	400	0.38
5(a) Construct Foundation	Off-Highway Trucks	5	0.30	400	0.38
5(a) Construct Foundation	Off-Highway Trucks	2	4.00	400	0.38
5(b) Pole Installation	Cranes	1	1.30	226	0.29
5(b) Pole Installation	Off-Highway Trucks	1	0.50	400	0.38
5(b) Pole Installation	Off-Highway Trucks	1	0.30	400	0.38
5(b) Pole Installation	Off-Highway Trucks	1	1.80	400	0.38
5(c) Stringing and Conductor Installation	Off-Highway Trucks	3	4.00	400	0.38
5(c) Stringing and Conductor Installation	Off-Highway Trucks	4	5.00	400	0.38
5(c) Stringing and Conductor Installation	Other Construction Equipment	1	6.00	171	0.42
2(g) Substation Cutover & Energization	Off-Highway Trucks	3	2.00	400	0.38
Demobilization	Graders	1	2.00	174	0.41
Demobilization	Off-Highway Trucks	1	2.00	400	0.38

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
1(a) Eastern Parcel Demolition	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Staging Yard Setup / Road Refresh	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
1(b) Eastern Parcel Site Prep	11	0.00	0.00	2,144.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
3(b) Below Grade Construction (New)	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
4(c) Relay Testing and Energization	0			0.00	10.80	7.30				
1(e) Wiring and Relay Testing	0			0.00	10.80	7.30				

3(a) Foundations Construction	0			0.00	10.80	7.30											
3(c) Above Grade Construction	0			0.00	10.80	7.30											
4(b) Below Grade Construction	2	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
1(c) Substation Construction - Below	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
4(a) Above Grade Construction	0			0.00	10.80	7.30											
9(a) Trenching and Duct Bank Installation	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
9(b) Pulling and Conductor/Cable	2	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
10(a) Construct Pier Foundations	14	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
2(f) Wiring and Relay Testing	0			0.00	10.80	7.30											
10(b) Direct Bury Structures and	9	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
1(d) Substation Construction - Above	10	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
6(a) Trenching and Duct Bank Installation	6	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
10(c) Stringing and Conductor Installation	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
6(b) Pulling and Conductor/Cable	2	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
7(a) Underground Trench/Conduit/Substr	6	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
10(d) Remove Old Structures	4	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
7(b) Cable/Conduit Pulling and Tensioning	2	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
1(f) Substation Cutover and Energization	2	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
2(a) Demo Old 69/12-kV Substation	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
2(c) Access Road and Retention Basin	8	0.00	0.00	661.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
2(b) Western Parcel Site Prep	8	0.00	0.00	794.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
2(d) Substation Construction - Below	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
3(d) Relay Testing and Energization	0			0.00	10.80	7.30											
2(e) Substation Construction - Above	10	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
5(a) Construct Foundation	12	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
5(b) Pole Installation	4	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
5(c) Stringing and Conductor Installation	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
2(g) Substation Cutover & Energization	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							
Demobilization	2	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT							

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 1(a) Eastern Parcel Demolition - 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	1.8823	20.2375	11.2695	0.0280		0.8760	0.8760		0.8059	0.8059			2,815.1048	0.8764		2,833.5088
Total	1.8823	20.2375	11.2695	0.0280		0.8760	0.8760		0.8059	0.8059			2,815.1048	0.8764		2,833.5088

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7764	22.5513	16.0349	0.0280		0.5708	0.5708		0.5708	0.5708			2,815.1048	0.8764		2,833.5088
Total	0.7764	22.5513	16.0349	0.0280		0.5708	0.5708		0.5708	0.5708			2,815.1048	0.8764		2,833.5088

Mitigated Construction Off-Site

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

3.3 Staging Yard Setup / Road Refresh - 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					0.5417	0.0000	0.5417	0.0585	0.0000	0.0585			0.0000			0.0000
Off-Road	0.7912	7.6346	4.3383	8.4400e-003		0.3780	0.3780		0.3477	0.3477			850.0051	0.2646		855.5621
Total	0.7912	7.6346	4.3383	8.4400e-003	0.5417	0.3780	0.9197	0.0585	0.3477	0.4062			850.0051	0.2646		855.5621

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2438	0.0000	0.2438	0.0263	0.0000	0.0263			0.0000			0.0000
Off-Road	0.2619	6.7806	5.2488	8.4400e-003		0.1900	0.1900		0.1900	0.1900			850.0051	0.2646		855.5621
Total	0.2619	6.7806	5.2488	8.4400e-003	0.2438	0.1900	0.4338	0.0263	0.1900	0.2163			850.0051	0.2646		855.5621

Mitigated Construction Off-Site

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

3.4 1(b) Eastern Parcel Site Prep - 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					15.7868	0.0000	15.7868	7.0259	0.0000	7.0259			0.0000			0.0000
Off-Road	7.3366	80.8931	54.5961	0.0778		3.8324	3.8324		3.5258	3.5258			7,837.9327	2.4401		7,889.1738
Total	7.3366	80.8931	54.5961	0.0778	15.7868	3.8324	19.6193	7.0259	3.5258	10.5518			7,837.9327	2.4401		7,889.1738

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5409	6.3982	6.6363	0.0205	0.4790	0.0915	0.5705	0.1312	0.0842	0.2154			1,996.7679	0.0143		1,997.0685
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Total	0.5409	6.3982	6.6363	0.0205	0.4790	0.0915	0.5705	0.1312	0.0842	0.2154			1,996.7679	0.0143		1,997.0685

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.1041	0.0000	7.1041	3.1617	0.0000	3.1617			0.0000			0.0000
Off-Road	2.3006	64.1232	46.5523	0.0778		1.6840	1.6840		1.6840	1.6840			7,837.9327	2.4401		7,889.1738
Total	2.3006	64.1232	46.5523	0.0778	7.1041	1.6840	8.7881	3.1617	1.6840	4.8457			7,837.9327	2.4401		7,889.1738

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5409	6.3982	6.6363	0.0205	0.4790	0.0915	0.5705	0.1312	0.0842	0.2154			1,996.7679	0.0143		1,997.0685
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Total	0.5409	6.3982	6.6363	0.0205	0.4790	0.0915	0.5705	0.1312	0.0842	0.2154			1,996.7679	0.0143		1,997.0685

**3.5 3(b) Below Grade Construction (New Duct Installation) -
Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5261	5.5965	4.4100	7.9200e-003		0.3057	0.3057		0.2812	0.2812			797.0396	0.2481		802.2503
Total	0.5261	5.5965	4.4100	7.9200e-003		0.3057	0.3057		0.2812	0.2812			797.0396	0.2481		802.2503

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2981	7.0346	5.2436	7.9200e-003		0.2407	0.2407		0.2407	0.2407			797.0396	0.2481		802.2503
Total	0.2981	7.0346	5.2436	7.9200e-003		0.2407	0.2407		0.2407	0.2407			797.0396	0.2481		802.2503

Mitigated Construction Off-Site

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

3.6 3(a) Foundations - 2018

Unmitigated Construction Off-Site

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

3.7 3(c) Above Grade Construction - 2018

Unmitigated Construction Off-Site

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

3.8 3(d) Relay Testing and Energization - 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
Total					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
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Total					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.9 4(a) Above Grade Construction - 2018

Unmitigated Construction Off-Site

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

3.10 4(b) Below Grade Construction - 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	0.6910	7.5289	5.1672	7.6700e-003		0.3961	0.3961		0.3645	0.3645			772.6573	0.2405		777.7086
Total	0.6910	7.5289	5.1672	7.6700e-003		0.3961	0.3961		0.3645	0.3645			772.6573	0.2405		777.7086

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3008	6.6026	5.8584	7.6700e-003		0.2027	0.2027		0.2027	0.2027			772.6573	0.2405		777.7086
Total	0.3008	6.6026	5.8584	7.6700e-003		0.2027	0.2027		0.2027	0.2027			772.6573	0.2405		777.7086

Mitigated Construction Off-Site

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

3.11 1(c) Substation Construction - Below Grade - 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	1.3865	13.5323	9.1268	0.0150		0.8556	0.8556		0.7879	0.7879			1,494.7968	0.4582		1,504.4189
Total	1.3865	13.5323	9.1268	0.0150		0.8556	0.8556		0.7879	0.7879			1,494.7968	0.4582		1,504.4189

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5635	13.1877	9.7822	0.0150		0.4573	0.4573		0.4573	0.4573			1,494.7968	0.4582		1,504.4189
Total	0.5635	13.1877	9.7822	0.0150		0.4573	0.4573		0.4573	0.4573			1,494.7968	0.4582		1,504.4189

Mitigated Construction Off-Site

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

3.11 1(c) Substation Construction - Below Grade - 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	1.2708	12.3181	8.9418	0.0150		0.7640	0.7640		0.7036	0.7036			1,470.4724	0.4579		1,480.0886
Total	1.2708	12.3181	8.9418	0.0150		0.7640	0.7640		0.7036	0.7036			1,470.4724	0.4579		1,480.0886

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5635	13.1877	9.7822	0.0150		0.4573	0.4573		0.4573	0.4573			1,470.4724	0.4579		1,480.0886
Total	0.5635	13.1877	9.7822	0.0150		0.4573	0.4573		0.4573	0.4573			1,470.4724	0.4579		1,480.0886

Mitigated Construction Off-Site

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

3.12 4(c) Relay Testing and Energization - 2019

Unmitigated Construction Off-Site

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

3.13 9(a) Trenching and Duct Bank 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	0.5903	6.1618	4.7420	0.0104		0.2852	0.2852		0.2624	0.2624			1,032.3677	0.3266		1,039.2269
Total	0.5903	6.1618	4.7420	0.0104		0.2852	0.2852		0.2624	0.2624			1,032.3677	0.3266		1,039.2269

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3421	8.8230	6.4006	0.0104		0.2693	0.2693		0.2693	0.2693			1,032.3677	0.3266		1,039.2269
Total	0.3421	8.8230	6.4006	0.0104		0.2693	0.2693		0.2693	0.2693			1,032.3677	0.3266		1,039.2269

Mitigated Construction Off-Site

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

3.14 9(b) Pulling and Conductor/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	0.6086	6.2028	4.5740	6.5300e-003		0.3712	0.3712		0.3415	0.3415			646.6481	0.2046		650.9446
Total	0.6086	6.2028	4.5740	6.5300e-003		0.3712	0.3712		0.3415	0.3415			646.6481	0.2046		650.9446

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2712	5.8352	4.9745	6.5300e-003		0.1973	0.1973		0.1973	0.1973			646.6481	0.2046		650.9446
Total	0.2712	5.8352	4.9745	6.5300e-003		0.1973	0.1973		0.1973	0.1973			646.6481	0.2046		650.9446

Mitigated Construction Off-Site

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

3.15 10(a) Construct Pier Foundations - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7748	28.5106	17.0917	0.0556		1.0709	1.0709		0.9994	0.9994			5,483.4563	1.6234		5,517.5486
Total	2.7748	28.5106	17.0917	0.0556		1.0709	1.0709		0.9994	0.9994			5,483.4563	1.6234		5,517.5486

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4333	44.2444	30.0339	0.0556		1.0697	1.0697		1.0697	1.0697			5,483.4563	1.6234		5,517.5486
Total	1.4333	44.2444	30.0339	0.0556		1.0697	1.0697		1.0697	1.0697			5,483.4563	1.6234		5,517.5486

Mitigated Construction Off-Site

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

3.16 1(e) Wiring and Relay Testing - 2019

Unmitigated Construction Off-Site

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

3.17 10(b) Direct Bury Structures and Foundation Pole

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5047	36.6452	19.7419	0.0659		1.3342	1.3342		1.2274	1.2274			6,524.5831	2.0643		6,567.9336
Total	3.5047	36.6452	19.7419	0.0659		1.3342	1.3342		1.2274	1.2274			6,524.5831	2.0643		6,567.9336

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6166	51.8063	35.0267	0.0659		1.1855	1.1855		1.1855	1.1855			6,524.5831	2.0643		6,567.9336
Total	1.6166	51.8063	35.0267	0.0659		1.1855	1.1855		1.1855	1.1855			6,524.5831	2.0643		6,567.9336

Mitigated Construction Off-Site

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

3.18 1(d) Substation Construction - Above Grade - 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	2.3903	24.2060	13.7558	0.0431		0.9251	0.9251		0.8511	0.8511			4,261.2193	1.3482		4,289.5316
Total	2.3903	24.2060	13.7558	0.0431	0.0000	0.9251	0.9251	0.0000	0.8511	0.8511			4,261.2193	1.3482		4,289.5316

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0845	33.5288	23.2157	0.0431		0.7968	0.7968		0.7968	0.7968			4,261.2193	1.3482		4,289.5316
Total	1.0845	33.5288	23.2157	0.0431	0.0000	0.7968	0.7968	0.0000	0.7968	0.7968			4,261.2193	1.3482		4,289.5316

Mitigated Construction Off-Site

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

3.19 6(a) Trenching and Duct Bank 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	1.2938	12.8376	9.3576	0.0192		0.6357	0.6357		0.5986	0.5986			1,884.9382	0.4870		1,895.1658
Total	1.2938	12.8376	9.3576	0.0192		0.6357	0.6357		0.5986	0.5986			1,884.9382	0.4870		1,895.1658

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6293	15.8622	11.7795	0.0192		0.4842	0.4842		0.4842	0.4842			1,884.9382	0.4870		1,895.1658
Total	0.6293	15.8622	11.7795	0.0192		0.4842	0.4842		0.4842	0.4842			1,884.9382	0.4870		1,895.1658

Mitigated Construction Off-Site

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

3.20 10(c) Stringing and Conductor 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	3.7467	38.1921	21.9837	0.0671		1.4575	1.4575		1.3409	1.3409			6,637.2575	2.1000		6,681.3566
Total	3.7467	38.1921	21.9837	0.0671		1.4575	1.4575		1.3409	1.3409			6,637.2575	2.1000		6,681.3566

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7086	52.2231	36.6232	0.0671		1.2422	1.2422		1.2422	1.2422			6,637.2575	2.1000		6,681.3566
Total	1.7086	52.2231	36.6232	0.0671		1.2422	1.2422		1.2422	1.2422			6,637.2575	2.1000		6,681.3566

Mitigated Construction Off-Site

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

3.21 6(b) Pulling and Conductor/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	0.4348	4.5053	3.3182	4.8000e-003		0.2596	0.2596		0.2388	0.2388			475.4697	0.1504		478.6288
Total	0.4348	4.5053	3.3182	4.8000e-003		0.2596	0.2596		0.2388	0.2388			475.4697	0.1504		478.6288

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1958	4.2381	3.6590	4.8000e-003		0.1392	0.1392		0.1392	0.1392			475.4697	0.1504		478.6288
Total	0.1958	4.2381	3.6590	4.8000e-003		0.1392	0.1392		0.1392	0.1392			475.4697	0.1504		478.6288

Mitigated Construction Off-Site

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

3.22 7(a) Underground Trench/Conduit/Substructure - 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	1.2938	12.8376	9.3576	0.0192		0.6357	0.6357		0.5986	0.5986			1,884.9382	0.4870		1,895.1658
Total	1.2938	12.8376	9.3576	0.0192		0.6357	0.6357		0.5986	0.5986			1,884.9382	0.4870		1,895.1658

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6293	15.8622	11.7795	0.0192		0.4842	0.4842		0.4842	0.4842			1,884.9382	0.4870		1,895.1658
Total	0.6293	15.8622	11.7795	0.0192		0.4842	0.4842		0.4842	0.4842			1,884.9382	0.4870		1,895.1658

Mitigated Construction Off-Site

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

3.23 10(d) Remove Old Structures - 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	2.8255	28.6152	15.9076	0.0526		1.0406	1.0406		0.9573	0.9573			5,204.9016	1.6468		5,239.4839
Total	2.8255	28.6152	15.9076	0.0526		1.0406	1.0406		0.9573	0.9573			5,204.9016	1.6468		5,239.4839

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2868	40.6413	27.8805	0.0526		0.9437	0.9437		0.9437	0.9437			5,204.9016	1.6468		5,239.4839
Total	1.2868	40.6413	27.8805	0.0526		0.9437	0.9437		0.9437	0.9437			5,204.9016	1.6468		5,239.4839

Mitigated Construction Off-Site

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

3.24 7(b) Cable/Conduit Pulling and Tensioning - 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	0.5362	5.5391	4.0805	5.8900e-003		0.3214	0.3214		0.2957	0.2957			583.2444	0.1845		587.1196
Total	0.5362	5.5391	4.0805	5.8900e-003		0.3214	0.3214		0.2957	0.2957			583.2444	0.1845		587.1196

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2410	5.2107	4.4880	5.8900e-003		0.1721	0.1721		0.1721	0.1721			583.2444	0.1845		587.1196
Total	0.2410	5.2107	4.4880	5.8900e-003		0.1721	0.1721		0.1721	0.1721			583.2444	0.1845		587.1196

Mitigated Construction Off-Site

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

3.25 1(f) Substation Cutover and Energization - 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	0.3532	3.5769	1.9885	6.5700e-003		0.1301	0.1301		0.1197	0.1197			650.6127	0.2059		654.9355
Total	0.3532	3.5769	1.9885	6.5700e-003		0.1301	0.1301		0.1197	0.1197			650.6127	0.2059		654.9355

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1609	5.0802	3.4851	6.5700e-003		0.1180	0.1180		0.1180	0.1180			650.6127	0.2059		654.9355
Total	0.1609	5.0802	3.4851	6.5700e-003		0.1180	0.1180		0.1180	0.1180			650.6127	0.2059		654.9355

Mitigated Construction Off-Site

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

3.25 1(f) Substation Cutover and Energization - 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	0.3299	3.1456	1.8956	6.5700e-003		0.1146	0.1146		0.1054	0.1054			636.1303	0.2057		640.4508
Total	0.3299	3.1456	1.8956	6.5700e-003		0.1146	0.1146		0.1054	0.1054			636.1303	0.2057		640.4508

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1609	5.0802	3.4851	6.5700e-003		0.1180	0.1180		0.1180	0.1180			636.1303	0.2057		640.4508
Total	0.1609	5.0802	3.4851	6.5700e-003		0.1180	0.1180		0.1180	0.1180			636.1303	0.2057		640.4508

Mitigated Construction Off-Site

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

3.26 2(a) Demo Old 69/12-kV Substation - 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	1.3824	13.2010	8.4199	0.0276		0.4884	0.4884		0.4493	0.4493			2,672.7163	0.8644		2,690.8689
Total	1.3824	13.2010	8.4199	0.0276		0.4884	0.4884		0.4493	0.4493			2,672.7163	0.8644		2,690.8689

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6950	21.4525	14.9446	0.0276		0.5066	0.5066		0.5066	0.5066			2,672.7163	0.8644		2,690.8689
Total	0.6950	21.4525	14.9446	0.0276		0.5066	0.5066		0.5066	0.5066			2,672.7163	0.8644		2,690.8689

Mitigated Construction Off-Site

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

3.27 2(c) Access Road and Retention Basin - 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					8.9540	0.0000	8.9540	3.6275	0.0000	3.6275			0.0000			0.0000
Off-Road	3.6928	38.9061	29.5500	0.0478		1.8420	1.8420		1.6947	1.6947			4,633.5156	1.4986		4,664.9856
Total	3.6928	38.9061	29.5500	0.0478	8.9540	1.8420	10.7960	3.6275	1.6947	5.3221			4,633.5156	1.4986		4,664.9856

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2524	2.5165	3.1700	0.0102	0.2400	0.0445	0.2845	0.0657	0.0409	0.1067			960.7494	7.1200e-003		960.8990
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Total	0.2524	2.5165	3.1700	0.0102	0.2400	0.0445	0.2845	0.0657	0.0409	0.1067			960.7494	7.1200e-003		960.8990

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.0293	0.0000	4.0293	1.6324	0.0000	1.6324			0.0000			0.0000
Off-Road	1.4789	39.8279	29.2736	0.0478		1.0957	1.0957		1.0957	1.0957			4,633.5156	1.4986		4,664.9856
Total	1.4789	39.8279	29.2736	0.0478	4.0293	1.0957	5.1250	1.6324	1.0957	2.7281			4,633.5156	1.4986		4,664.9856

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2524	2.5165	3.1700	0.0102	0.2400	0.0445	0.2845	0.0657	0.0409	0.1067			960.7494	7.1200e-003		960.8990
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Total	0.2524	2.5165	3.1700	0.0102	0.2400	0.0445	0.2845	0.0657	0.0409	0.1067			960.7494	7.1200e-003		960.8990

3.28 2(b) Western Parcel Site Prep - 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					8.9571	0.0000	8.9571	3.6279	0.0000	3.6279			0.0000			0.0000
Off-Road	3.6928	38.9061	29.5500	0.0478		1.8420	1.8420		1.6947	1.6947			4,633.5156	1.4986		4,664.9856
Total	3.6928	38.9061	29.5500	0.0478	8.9571	1.8420	10.7991	3.6279	1.6947	5.3226			4,633.5156	1.4986		4,664.9856

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3031	3.0228	3.8078	0.0123	0.2883	0.0535	0.3417	0.0789	0.0492	0.1281			1,154.0621	8.5500e-003		1,154.2417
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Total	0.3031	3.0228	3.8078	0.0123	0.2883	0.0535	0.3417	0.0789	0.0492	0.1281			1,154.0621	8.5500e-003		1,154.2417

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.0307	0.0000	4.0307	1.6326	0.0000	1.6326			0.0000			0.0000
Off-Road	1.4789	39.8279	29.2736	0.0478		1.0957	1.0957		1.0957	1.0957			4,633.5156	1.4986		4,664.9856
Total	1.4789	39.8279	29.2736	0.0478	4.0307	1.0957	5.1264	1.6326	1.0957	2.7283			4,633.5156	1.4986		4,664.9856

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3031	3.0228	3.8078	0.0123	0.2883	0.0535	0.3417	0.0789	0.0492	0.1281			1,154.0621	8.5500e-003		1,154.2417
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Total	0.3031	3.0228	3.8078	0.0123	0.2883	0.0535	0.3417	0.0789	0.0492	0.1281			1,154.0621	8.5500e-003		1,154.2417

3.29 2(d) Substation Construction - Below Grade - 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	1.0733	10.2089	7.8602	0.0139		0.6222	0.6222		0.5732	0.5732			1,332.0517	0.4232		1,340.9398
Total	1.0733	10.2089	7.8602	0.0139		0.6222	0.6222		0.5732	0.5732			1,332.0517	0.4232		1,340.9398

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5105	12.1170	8.9395	0.0139		0.4129	0.4129		0.4129	0.4129			1,332.0517	0.4232		1,340.9398
Total	0.5105	12.1170	8.9395	0.0139		0.4129	0.4129		0.4129	0.4129			1,332.0517	0.4232		1,340.9398

Mitigated Construction Off-Site

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

3.30 2(f) Wiring and Relay 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					
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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.31 2(e) Substation Construction - Above Grade - 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	2.8192	26.9405	16.4046	0.0545		1.0292	1.0292		0.9469	0.9469			5,277.3367	1.7068		5,313.1795
Total	2.8192	26.9405	16.4046	0.0545		1.0292	1.0292		0.9469	0.9469			5,277.3367	1.7068		5,313.1795

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3642	42.4574	29.2130	0.0545		1.0067	1.0067		1.0067	1.0067			5,277.3367	1.7068		5,313.1795
Total	1.3642	42.4574	29.2130	0.0545		1.0067	1.0067		1.0067	1.0067			5,277.3367	1.7068		5,313.1795

Mitigated Construction Off-Site

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

3.32 5(a) Construct Foundation - 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	1.6424	15.5201	10.3503	0.0326		0.6073	0.6073		0.5690	0.5690			3,145.2948	0.9202		3,164.6196
Total	1.6424	15.5201	10.3503	0.0326		0.6073	0.6073		0.5690	0.5690			3,145.2948	0.9202		3,164.6196

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8534	25.5342	17.6458	0.0326		0.6412	0.6412		0.6412	0.6412			3,145.2948	0.9202		3,164.6196
Total	0.8534	25.5342	17.6458	0.0326		0.6412	0.6412		0.6412	0.6412			3,145.2948	0.9202		3,164.6196

Mitigated Construction Off-Site

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

3.33 5(b) Pole 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	0.2865	2.9018	1.5684	5.1900e-003		0.1098	0.1098		0.1011	0.1011			502.3226	0.1625		505.7343
Total	0.2865	2.9018	1.5684	5.1900e-003		0.1098	0.1098		0.1011	0.1011			502.3226	0.1625		505.7343

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1271	4.0816	2.7537	5.1900e-003		0.0932	0.0932		0.0932	0.0932			502.3226	0.1625		505.7343
Total	0.1271	4.0816	2.7537	5.1900e-003		0.0932	0.0932		0.0932	0.0932			502.3226	0.1625		505.7343

Mitigated Construction Off-Site

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

3.34 5(c) Stringing and Conductor 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	3.0076	29.0716	18.2381	0.0572		1.1230	1.1230		1.0331	1.0331			5,535.5348	1.7903		5,573.1312
Total	3.0076	29.0716	18.2381	0.0572		1.1230	1.1230		1.0331	1.0331			5,535.5348	1.7903		5,573.1312

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4673	44.6028	31.3956	0.0572		1.0653	1.0653		1.0653	1.0653			5,535.5348	1.7903		5,573.1311
Total	1.4673	44.6028	31.3956	0.0572		1.0653	1.0653		1.0653	1.0653			5,535.5348	1.7903		5,573.1311

Mitigated Construction Off-Site

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

3.35 2(g) Substation Cutover & Energization - 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	0.4949	4.7185	2.8434	9.8600e-003		0.1719	0.1719		0.1582	0.1582			954.1955	0.3086		960.6763
Total	0.4949	4.7185	2.8434	9.8600e-003		0.1719	0.1719		0.1582	0.1582			954.1955	0.3086		960.6763

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2413	7.6202	5.2276	9.8600e-003		0.1769	0.1769		0.1769	0.1769			954.1955	0.3086		960.6763
Total	0.2413	7.6202	5.2276	9.8600e-003		0.1769	0.1769		0.1769	0.1769			954.1955	0.3086		960.6763

Mitigated Construction Off-Site

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

3.36 Demobilization - 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					0.4313	0.0000	0.4313	0.0466	0.0000	0.0466			0.0000			0.0000
Off-Road	0.3097	2.8316	2.0161	4.8400e-003		0.1330	0.1330		0.1223	0.1223			468.5645	0.1515		471.7469
Total	0.3097	2.8316	2.0161	4.8400e-003	0.4313	0.1330	0.5642	0.0466	0.1223	0.1689			468.5645	0.1515		471.7469

Unmitigated Construction Off-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1941	0.0000	0.1941	0.0210	0.0000	0.0210			0.0000			0.0000
Off-Road	0.1402	3.8518	2.9064	4.8400e-003		0.0992	0.0992		0.0992	0.0992			468.5645	0.1515		471.7469
Total	0.1402	3.8518	2.9064	4.8400e-003	0.1941	0.0992	0.2933	0.0210	0.0992	0.1202			468.5645	0.1515		471.7469

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
User Defined Industrial	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.513300	0.073549	0.191092	0.130830	0.036094	0.005140	0.012550	0.022916	0.001871	0.002062	0.006564	0.000586	0.003446

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
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

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	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			0.0109	3.0000e-005		0.0116
Unmitigated	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			0.0109	3.0000e-005		0.0116

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
Landscaping	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0109	3.0000e-005	0.0116
Total	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0109	3.0000e-005	0.0116

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
Landscaping	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			0.0109	3.0000e-005		0.0116
Total	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			0.0109	3.0000e-005		0.0116

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

San Diego Gas & Electric Company
Artesian 230kV Substation Expansion Project
July, 2016

Emission Model Output

Construction Emissions - Worker Commuting Trips Only

**Artesian - Worker Commute Trips Only
San Diego County APCD Air District, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	50.00	User Defined Unit	5.90	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWahr)	720.49	CH4 Intensity (lb/MWahr)	0.029	N2O Intensity (lb/MWahr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -
 Land Use - User defined size metric: acres.
 Construction Phase - Project-specific phases used.
 Off-road Equipment - Project-specific equipment input.
 Off-road Equipment - Project-specific equipment input.
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 Off-road Equipment - Project-specific equipment input.
 Off-road Equipment - Project-specific equipment input.
 Off-road Equipment - Project-specific equipment entered.
 Off-road Equipment - Project-specific equipment input.
 Trips and VMT - Project-specific worker trips per day input.
 Demolition -
 Grading - Project-specific disturbed area and material exported input.
 Construction Off-road Equipment Mitigation - Project-specific mitigation input.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	230.00	180.00
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tblConstructionPhase	NumDays	230.00	24.00
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tblConstructionPhase	NumDays	230.00	210.00
tblConstructionPhase	NumDays	230.00	78.00
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tblConstructionPhase	NumDays	230.00	48.00
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tblConstructionPhase	NumDays	230.00	24.00
tblConstructionPhase	NumDays	230.00	24.00
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tblConstructionPhase	NumDays	230.00	24.00
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tblConstructionPhase	NumDays	20.00	24.00
tblConstructionPhase	NumDays	20.00	24.00
tblConstructionPhase	NumDays	20.00	78.00
tblConstructionPhase	NumDays	10.00	141.00
tblConstructionPhase	NumDays	10.00	12.00
tblConstructionPhase	NumDays	10.00	48.00
tblConstructionPhase	NumDays	10.00	48.00
tblConstructionPhase	NumDays	10.00	130.00
tblConstructionPhase	NumDays	10.00	12.00
tblConstructionPhase	NumDays	10.00	24.00
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

Total	0.5300	0.6452	5.9678	0.0203	1.7087	0.0124	1.7210	0.4532	0.0114	0.4647			1,436.9652	0.0670	0.0000	1,438.3721
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Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	0.0854	0.1069	0.9892	2.7300e-003	0.2300	1.6400e-003	0.2317	0.0610	1.5200e-003	0.0625			211.3148	0.0105	0.0000	211.5351
2019	0.0680	0.0847	0.7790	2.3400e-003	0.1972	1.4000e-003	0.1986	0.0523	1.2900e-003	0.0536			174.5731	8.4500e-003	0.0000	174.7507
2020	0.0536	0.0659	0.6063	1.9500e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447			139.6144	6.7000e-003	0.0000	139.7551
2021	0.0917	0.1114	1.0339	3.5200e-003	0.2957	2.1300e-003	0.2979	0.0784	1.9800e-003	0.0804			247.1073	0.0116	0.0000	247.3510
2022	0.0680	0.0818	0.7585	2.7400e-003	0.2300	1.6700e-003	0.2317	0.0610	1.5500e-003	0.0626			188.9917	8.6600e-003	0.0000	189.1735
2023	0.0835	0.0997	0.9226	3.5200e-003	0.2957	2.1600e-003	0.2979	0.0784	2.0000e-003	0.0805			239.3150	0.0107	0.0000	239.5403
2024	0.0799	0.0949	0.8783	3.5200e-003	0.2957	2.1800e-003	0.2979	0.0784	2.0200e-003	0.0805			236.0489	0.0104	0.0000	236.2666
Total	0.5300	0.6452	5.9678	0.0203	1.7087	0.0124	1.7210	0.4532	0.0114	0.4647			1,436.9652	0.0670	0.0000	1,438.3721

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			0.0109	3.0000e-005		0.0116
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Total	4.8000e-004	5.0000e-005	5.1400e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005			0.0109	3.0000e-005	0.0000	0.0116

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			0.0109	3.0000e-005		0.0116
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Total	4.8000e-004	5.0000e-005	5.1400e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005			0.0109	3.0000e-005	0.0000	0.0116

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	1(a) Eastern Parcel Demolition	Demolition	8/1/2018	8/28/2018	6	24	
2	Staging Yard Setup / Road Refresh	Site Preparation	8/29/2018	9/11/2018	6	12	
3	1(b) Eastern Parcel Site Prep	Grading	9/12/2018	12/1/2018	6	78	
4	3(b) Below Grade Construction (New Duct Installation)	Building Construction	12/12/2018	1/8/2019	6	24	
5	3(a) Foundations	Building Construction	1/9/2019	2/5/2019	6	24	
6	3(c) Above Grade Construction	Building Construction	2/6/2019	3/5/2019	6	24	
7	3(d) Relay Testing and Energization	Site Preparation	3/6/2019	4/2/2019	6	24	
8	4(a) Above Grade Construction	Building Construction	4/3/2019	4/30/2019	6	24	
9	4(b) Below Grade Construction	Building Construction	5/1/2019	5/28/2019	6	24	
10	1(c) Substation Construction - Below Grade	Building Construction	5/29/2019	12/24/2019	6	180	
11	4(c) Relay Testing and Energization	Building Construction	12/25/2019	1/21/2020	6	24	
12	9(a) Trenching and Duct Bank Installation	Trenching	1/22/2020	2/18/2020	6	24	
13	9(b) Pulling and Conductor/Cable Installation	Building Construction	2/19/2020	3/17/2020	6	24	
14	10(a) Construct Pier Foundations	Building Construction	3/18/2020	6/16/2020	6	78	
15	1(e) Wiring and Relay Testing	Building Construction	6/17/2020	2/16/2021	6	210	
16	10(b) Direct Bury Structures and Foundation Pole Installations	Building Construction	2/17/2021	5/18/2021	6	78	
17	1(d) Substation Construction - Above Grade	Site Preparation	5/19/2021	10/29/2021	6	141	
18	6(a) Trenching and Duct Bank Installation	Trenching	10/30/2021	12/24/2021	6	48	
19	10(c) Stringing and Conductor Installation	Building Construction	12/25/2021	2/18/2022	6	48	
20	6(b) Pulling and Conductor/Cable Installation	Building Construction	2/19/2022	4/15/2022	6	48	
21	7(a) Underground Trench/Conduit/Substructure	Building Construction	4/16/2022	6/10/2022	6	48	
22	10(d) Remove Old Structures	Demolition	6/11/2022	7/8/2022	6	24	
23	7(b) Cable/Conduit Pulling and Tensioning	Building Construction	7/9/2022	8/5/2022	6	24	
24	1(f) Substation Cutover and Energization	Building Construction	8/6/2022	9/30/2022	6	48	
25	2(a) Demo Old 69/12-kV Substation	Demolition	10/1/2022	10/28/2022	6	24	
26	2(c) Access Road and Retention Basin	Site Preparation	10/29/2022	12/23/2022	6	48	
27	2(b) Western Parcel Site Prep	Site Preparation	12/24/2022	2/17/2023	6	48	
28	2(d) Substation Construction - Below Grade	Building Construction	2/18/2023	4/22/2023	6	55	
29	2(f) Wiring and Relay Testing	Site Preparation	4/23/2023	9/21/2023	6	130	
30	2(e) Substation Construction - Above Grade	Building Construction	9/22/2023	1/19/2024	6	103	
31	5(a) Construct Foundation	Building Construction	1/20/2024	3/15/2024	6	48	
32	5(b) Pole Installation	Building Construction	3/16/2024	4/12/2024	6	24	
33	5(c) Stringing and Conductor Installation	Building Construction	4/13/2024	5/10/2024	6	24	
34	2(g) Substation Cutover & Energization	Building Construction	5/11/2024	6/7/2024	6	24	
35	Demobilization	Site Preparation	6/8/2024	6/21/2024	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
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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
1(a) Eastern Parcel Demolition	0	16.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Staging Yard Setup / Road Refresh	0	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
1(b) Eastern Parcel Site Prep	0	28.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
3(b) Below Grade Construction (Below)	0	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
3(a) Foundations	0	12.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
3(c) Above Grade Construction	0	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
3(d) Relay Testing and Energization	0	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
4(a) Above Grade Construction	0	16.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
4(b) Below Grade Construction	0	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
1(c) Substation Construction (Below)	0	24.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
4(c) Relay Testing and Energization	0	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
9(a) Trenching and Duct Bank Installation	0	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
9(b) Pulling and Conductor/Cable	0	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
10(a) Construct Pier Foundations	0	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
1(e) Wiring and Relay Testing	0	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
10(b) Direct Bury Structures and	0	16.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
1(d) Substation Construction (Above)	0	36.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
6(a) Trenching and Duct Bank Installation	0	24.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
10(c) Stringing and Conductor Installation	0	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
6(b) Pulling and Conductor/Cable	0	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
7(a) Underground Trench/Conduit/Substr.	0	24.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
10(d) Remove Old Structures	0	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
7(b) Cable/Conduit Pulling and Tensioning	0	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
1(f) Substation Cutover and Energization	0	16.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
2(a) Demo Old 69/12-kV Substation	0	24.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
2(c) Access Road and Retention Basin	0	28.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
2(b) Western Parcel Site Prep	0	28.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
2(d) Substation Construction (Below)	0	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
2(f) Wiring and Relay Testing	0	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
2(e) Substation Construction (Above)	0	36.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
5(a) Construct Foundation	0	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
5(b) Pole Installation	0	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
5(c) Stringing and Conductor Installation	0	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
2(g) Substation Cutover & Energization	0	16.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Demobilization	0	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 1(a) Eastern Parcel Demolition - 2018

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0488	0.0611	0.5652	1.5600e-003	0.1314	9.4000e-004	0.1324	0.0349	8.7000e-004	0.0357			120.7513	5.9900e-003	120.8772
Total	0.0488	0.0611	0.5652	1.5600e-003	0.1314	9.4000e-004	0.1324	0.0349	8.7000e-004	0.0357			120.7513	5.9900e-003	120.8772

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0488	0.0611	0.5652	1.5600e-003	0.1314	9.4000e-004	0.1324	0.0349	8.7000e-004	0.0357			120.7513	5.9900e-003		120.8772
Total	0.0488	0.0611	0.5652	1.5600e-003	0.1314	9.4000e-004	0.1324	0.0349	8.7000e-004	0.0357			120.7513	5.9900e-003		120.8772

3.3 Staging Yard Setup / Road Refresh - 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
Total					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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0305	0.0382	0.3533	9.8000e-004	0.0822	5.9000e-004	0.0827	0.0218	5.4000e-004	0.0223			75.4696	3.7500e-003		75.5482
Total	0.0305	0.0382	0.3533	9.8000e-004	0.0822	5.9000e-004	0.0827	0.0218	5.4000e-004	0.0223			75.4696	3.7500e-003		75.5482

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Total					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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0305	0.0382	0.3533	9.8000e-004	0.0822	5.9000e-004	0.0827	0.0218	5.4000e-004	0.0223			75.4696	3.7500e-003		75.5482
Total	0.0305	0.0382	0.3533	9.8000e-004	0.0822	5.9000e-004	0.0827	0.0218	5.4000e-004	0.0223			75.4696	3.7500e-003		75.5482

3.4 1(b) Eastern Parcel Site Prep - 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
Total					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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0854	0.1069	0.9892	2.7300e-003	0.2300	1.6400e-003	0.2317	0.0610	1.5200e-003	0.0625			211.3148	0.0105		211.5351
Total	0.0854	0.1069	0.9892	2.7300e-003	0.2300	1.6400e-003	0.2317	0.0610	1.5200e-003	0.0625			211.3148	0.0105		211.5351

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Total					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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0854	0.1069	0.9892	2.7300e-003	0.2300	1.6400e-003	0.2317	0.0610	1.5200e-003	0.0625			211.3148	0.0105		211.5351
Total	0.0854	0.1069	0.9892	2.7300e-003	0.2300	1.6400e-003	0.2317	0.0610	1.5200e-003	0.0625			211.3148	0.0105		211.5351

3.5 3(b) Below Grade Construction (New Duct Installation) - Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0244	0.0305	0.2826	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			60.3757	3.0000e-003		60.4386
Total	0.0244	0.0305	0.2826	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			60.3757	3.0000e-003		60.4386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0244	0.0305	0.2826	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			60.3757	3.0000e-003		60.4386
Total	0.0244	0.0305	0.2826	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			60.3757	3.0000e-003		60.4386

3.5 3(b) Below Grade Construction (New Duct Installation) - Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0227	0.0282	0.2597	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			58.1910	2.8200e-003		58.2502
Total	0.0227	0.0282	0.2597	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			58.1910	2.8200e-003		58.2502

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0227	0.0282	0.2597	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			58.1910	2.8200e-003		58.2502
Total	0.0227	0.0282	0.2597	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			58.1910	2.8200e-003		58.2502

3.6 3(a) Foundations - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0340	0.0423	0.3895	1.1700e-003	0.0986	7.0000e-004	0.0993	0.0262	6.5000e-004	0.0268			87.2866	4.2300e-003		87.3753
Total	0.0340	0.0423	0.3895	1.1700e-003	0.0986	7.0000e-004	0.0993	0.0262	6.5000e-004	0.0268			87.2866	4.2300e-003		87.3753

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0340	0.0423	0.3895	1.1700e-003	0.0986	7.0000e-004	0.0993	0.0262	6.5000e-004	0.0268			87.2866	4.2300e-003		87.3753
Total	0.0340	0.0423	0.3895	1.1700e-003	0.0986	7.0000e-004	0.0993	0.0262	6.5000e-004	0.0268			87.2866	4.2300e-003		87.3753

3.7 3(c) Above Grade Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0227	0.0282	0.2597	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			58.1910	2.8200e-003		58.2502
Total	0.0227	0.0282	0.2597	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			58.1910	2.8200e-003		58.2502

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0227	0.0282	0.2597	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			58.1910	2.8200e-003		58.2502
Total	0.0227	0.0282	0.2597	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			58.1910	2.8200e-003		58.2502

3.8 3(d) Relay Testing and Energization - 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
Total					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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0142	0.0176	0.1623	4.9000e-004	0.0411	2.9000e-004	0.0414	0.0109	2.7000e-004	0.0112			36.3694	1.7600e-003		36.4064
Total	0.0142	0.0176	0.1623	4.9000e-004	0.0411	2.9000e-004	0.0414	0.0109	2.7000e-004	0.0112			36.3694	1.7600e-003		36.4064

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0142	0.0176	0.1623	4.9000e-004	0.0411	2.9000e-004	0.0414	0.0109	2.7000e-004	0.0112			36.3694	1.7600e-003		36.4064
Total	0.0142	0.0176	0.1623	4.9000e-004	0.0411	2.9000e-004	0.0414	0.0109	2.7000e-004	0.0112			36.3694	1.7600e-003		36.4064

3.9 4(a) Above Grade Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0453	0.0564	0.5193	1.5600e-003	0.1314	9.3000e-004	0.1324	0.0349	8.6000e-004	0.0357			116.3821	5.6400e-003		116.5005
Total	0.0453	0.0564	0.5193	1.5600e-003	0.1314	9.3000e-004	0.1324	0.0349	8.6000e-004	0.0357			116.3821	5.6400e-003		116.5005

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0453	0.0564	0.5193	1.5600e-003	0.1314	9.3000e-004	0.1324	0.0349	8.6000e-004	0.0357			116.3821	5.6400e-003		116.5005
Total	0.0453	0.0564	0.5193	1.5600e-003	0.1314	9.3000e-004	0.1324	0.0349	8.6000e-004	0.0357			116.3821	5.6400e-003		116.5005

3.10 4(b) Below Grade Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0227	0.0282	0.2597	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			58.1910	2.8200e-003		58.2502
Total	0.0227	0.0282	0.2597	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			58.1910	2.8200e-003		58.2502

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0227	0.0282	0.2597	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			58.1910	2.8200e-003		58.2502
Total	0.0227	0.0282	0.2597	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			58.1910	2.8200e-003		58.2502

3.11 1(c) Substation Construction - Below Grade - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0680	0.0847	0.7790	2.3400e-003	0.1972	1.4000e-003	0.1986	0.0523	1.2900e-003	0.0536			174.5731	8.4500e-003		174.7507
Total	0.0680	0.0847	0.7790	2.3400e-003	0.1972	1.4000e-003	0.1986	0.0523	1.2900e-003	0.0536			174.5731	8.4500e-003		174.7507

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0680	0.0847	0.7790	2.3400e-003	0.1972	1.4000e-003	0.1986	0.0523	1.2900e-003	0.0536			174.5731	8.4500e-003		174.7507

Total	0.0680	0.0847	0.7790	2.3400e-003	0.1972	1.4000e-003	0.1986	0.0523	1.2900e-003	0.0536			174.5731	8.4500e-003		174.7507
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3.12 4(c) Relay Testing and Energization - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0283	0.0353	0.3246	9.8000e-004	0.0822	5.8000e-004	0.0827	0.0218	5.4000e-004	0.0223			72.7388	3.5200e-003		72.8128
Total	0.0283	0.0353	0.3246	9.8000e-004	0.0822	5.8000e-004	0.0827	0.0218	5.4000e-004	0.0223			72.7388	3.5200e-003		72.8128

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0283	0.0353	0.3246	9.8000e-004	0.0822	5.8000e-004	0.0827	0.0218	5.4000e-004	0.0223			72.7388	3.5200e-003		72.8128
Total	0.0283	0.0353	0.3246	9.8000e-004	0.0822	5.8000e-004	0.0827	0.0218	5.4000e-004	0.0223			72.7388	3.5200e-003		72.8128

3.12 4(c) Relay Testing and Energization - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0268	0.0330	0.3032	9.8000e-004	0.0822	5.8000e-004	0.0827	0.0218	5.4000e-004	0.0223			69.8072	3.3500e-003		69.8775
Total	0.0268	0.0330	0.3032	9.8000e-004	0.0822	5.8000e-004	0.0827	0.0218	5.4000e-004	0.0223			69.8072	3.3500e-003		69.8775

Mitigated Construction Off-Site

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

Worker	0.0268	0.0330	0.3032	9.8000e-004	0.0822	5.8000e-004	0.0827	0.0218	5.4000e-004	0.0223			69.8072	3.3500e-003		69.8775
Total	0.0268	0.0330	0.3032	9.8000e-004	0.0822	5.8000e-004	0.0827	0.0218	5.4000e-004	0.0223			69.8072	3.3500e-003		69.8775

3.13 9(a) Trenching and Duct Bank Installation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0536	0.0659	0.6063	1.9500e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447			139.6144	6.7000e-003		139.7551
Total	0.0536	0.0659	0.6063	1.9500e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447			139.6144	6.7000e-003		139.7551

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0536	0.0659	0.6063	1.9500e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447			139.6144	6.7000e-003		139.7551
Total	0.0536	0.0659	0.6063	1.9500e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447			139.6144	6.7000e-003		139.7551

3.14 9(b) Pulling and Conductor/Cable Installation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0264	0.2425	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			55.8458	2.6800e-003		55.9020
Total	0.0214	0.0264	0.2425	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			55.8458	2.6800e-003		55.9020

Mitigated Construction Off-Site

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

Vendor	0.0000	0.0000	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	0.0264	0.2425	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			55.8458	2.6800e-003		55.9020
Total	0.0214	0.0264	0.2425	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			55.8458	2.6800e-003		55.9020

3.15 10(a) Construct Pier Foundations - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0264	0.2425	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			55.8458	2.6800e-003		55.9020
Total	0.0214	0.0264	0.2425	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			55.8458	2.6800e-003		55.9020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0264	0.2425	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			55.8458	2.6800e-003		55.9020
Total	0.0214	0.0264	0.2425	7.8000e-004	0.0657	4.7000e-004	0.0662	0.0174	4.3000e-004	0.0179			55.8458	2.6800e-003		55.9020

3.16 1(e) Wiring and Relay Testing - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0268	0.0330	0.3032	9.8000e-004	0.0822	5.8000e-004	0.0827	0.0218	5.4000e-004	0.0223			69.8072	3.3500e-003		69.8775
Total	0.0268	0.0330	0.3032	9.8000e-004	0.0822	5.8000e-004	0.0827	0.0218	5.4000e-004	0.0223			69.8072	3.3500e-003		69.8775

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0268	0.0330	0.3032	9.8000e-004	0.0822	5.8000e-004	0.0827	0.0218	5.4000e-004	0.0223			69.8072	3.3500e-003		69.8775
Total	0.0268	0.0330	0.3032	9.8000e-004	0.0822	5.8000e-004	0.0827	0.0218	5.4000e-004	0.0223			69.8072	3.3500e-003		69.8775

3.16 1(e) Wiring and Relay Testing - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0255	0.0309	0.2872	9.8000e-004	0.0822	5.9000e-004	0.0827	0.0218	5.5000e-004	0.0223			68.6409	3.2200e-003		68.7086
Total	0.0255	0.0309	0.2872	9.8000e-004	0.0822	5.9000e-004	0.0827	0.0218	5.5000e-004	0.0223			68.6409	3.2200e-003		68.7086

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0255	0.0309	0.2872	9.8000e-004	0.0822	5.9000e-004	0.0827	0.0218	5.5000e-004	0.0223			68.6409	3.2200e-003		68.7086
Total	0.0255	0.0309	0.2872	9.8000e-004	0.0822	5.9000e-004	0.0827	0.0218	5.5000e-004	0.0223			68.6409	3.2200e-003		68.7086

3.17 10(b) Direct Bury Structures and Foundation Pole

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0408	0.0495	0.4595	1.5600e-003	0.1314	9.5000e-004	0.1324	0.0349	8.8000e-004	0.0357			109.8255	5.1600e-003		109.9338
Total	0.0408	0.0495	0.4595	1.5600e-003	0.1314	9.5000e-004	0.1324	0.0349	8.8000e-004	0.0357			109.8255	5.1600e-003		109.9338

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0408	0.0495	0.4595	1.5600e-003	0.1314	9.5000e-004	0.1324	0.0349	8.8000e-004	0.0357			109.8255	5.1600e-003	109.9338
Total	0.0408	0.0495	0.4595	1.5600e-003	0.1314	9.5000e-004	0.1324	0.0349	8.8000e-004	0.0357			109.8255	5.1600e-003	109.9338

3.18 1(d) Substation Construction - Above Grade - 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
Total					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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0917	0.1114	1.0339	3.5200e-003	0.2957	2.1300e-003	0.2979	0.0784	1.9800e-003	0.0804			247.1073	0.0116		247.3510
Total	0.0917	0.1114	1.0339	3.5200e-003	0.2957	2.1300e-003	0.2979	0.0784	1.9800e-003	0.0804			247.1073	0.0116		247.3510

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0917	0.1114	1.0339	3.5200e-003	0.2957	2.1300e-003	0.2979	0.0784	1.9800e-003	0.0804			247.1073	0.0116	247.3510
Total	0.0917	0.1114	1.0339	3.5200e-003	0.2957	2.1300e-003	0.2979	0.0784	1.9800e-003	0.0804			247.1073	0.0116	247.3510

3.19 6(a) Trenching and Duct Bank Installation - 2021

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0612	0.0742	0.6893	2.3500e-003	0.1972	1.4200e-003	0.1986	0.0523	1.3200e-003	0.0536			164.7382	7.7400e-003		164.9007
Total	0.0612	0.0742	0.6893	2.3500e-003	0.1972	1.4200e-003	0.1986	0.0523	1.3200e-003	0.0536			164.7382	7.7400e-003		164.9007

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0612	0.0742	0.6893	2.3500e-003	0.1972	1.4200e-003	0.1986	0.0523	1.3200e-003	0.0536			164.7382	7.7400e-003		164.9007
Total	0.0612	0.0742	0.6893	2.3500e-003	0.1972	1.4200e-003	0.1986	0.0523	1.3200e-003	0.0536			164.7382	7.7400e-003		164.9007

3.20 10(c) Stringing and Conductor Installation - 2021

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0255	0.0309	0.2872	9.8000e-004	0.0822	5.9000e-004	0.0827	0.0218	5.5000e-004	0.0223			68.6409	3.2200e-003		68.7086
Total	0.0255	0.0309	0.2872	9.8000e-004	0.0822	5.9000e-004	0.0827	0.0218	5.5000e-004	0.0223			68.6409	3.2200e-003		68.7086

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0255	0.0309	0.2872	9.8000e-004	0.0822	5.9000e-004	0.0827	0.0218	5.5000e-004	0.0223			68.6409	3.2200e-003		68.7086
Total	0.0255	0.0309	0.2872	9.8000e-004	0.0822	5.9000e-004	0.0827	0.0218	5.5000e-004	0.0223			68.6409	3.2200e-003		68.7086

3.20 10(c) Stringing and Conductor Installation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0243	0.0292	0.2709	9.8000e-004	0.0822	6.0000e-004	0.0827	0.0218	5.5000e-004	0.0223			67.4970	3.0900e-003		67.5620
Total	0.0243	0.0292	0.2709	9.8000e-004	0.0822	6.0000e-004	0.0827	0.0218	5.5000e-004	0.0223			67.4970	3.0900e-003		67.5620

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0243	0.0292	0.2709	9.8000e-004	0.0822	6.0000e-004	0.0827	0.0218	5.5000e-004	0.0223			67.4970	3.0900e-003		67.5620
Total	0.0243	0.0292	0.2709	9.8000e-004	0.0822	6.0000e-004	0.0827	0.0218	5.5000e-004	0.0223			67.4970	3.0900e-003		67.5620

3.21 6(b) Pulling and Conductor/Cable Installation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0194	0.0234	0.2167	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179			53.9976	2.4700e-003		54.0496
Total	0.0194	0.0234	0.2167	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179			53.9976	2.4700e-003		54.0496

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0194	0.0234	0.2167	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179			53.9976	2.4700e-003		54.0496
Total	0.0194	0.0234	0.2167	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179			53.9976	2.4700e-003		54.0496

3.22 7(a) Underground Trench/Conduit/Substructure - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0583	0.0701	0.6502	2.3500e-003	0.1972	1.4300e-003	0.1986	0.0523	1.3300e-003	0.0536			161.9929	7.4200e-003		162.1487
Total	0.0583	0.0701	0.6502	2.3500e-003	0.1972	1.4300e-003	0.1986	0.0523	1.3300e-003	0.0536			161.9929	7.4200e-003		162.1487

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0583	0.0701	0.6502	2.3500e-003	0.1972	1.4300e-003	0.1986	0.0523	1.3300e-003	0.0536			161.9929	7.4200e-003		162.1487
Total	0.0583	0.0701	0.6502	2.3500e-003	0.1972	1.4300e-003	0.1986	0.0523	1.3300e-003	0.0536			161.9929	7.4200e-003		162.1487

3.23 10(d) Remove Old Structures - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0486	0.0584	0.5418	1.9600e-003	0.1643	1.1900e-003	0.1655	0.0436	1.1100e-003	0.0447			134.9941	6.1800e-003		135.1239
Total	0.0486	0.0584	0.5418	1.9600e-003	0.1643	1.1900e-003	0.1655	0.0436	1.1100e-003	0.0447			134.9941	6.1800e-003		135.1239

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0486	0.0584	0.5418	1.9600e-003	0.1643	1.1900e-003	0.1655	0.0436	1.1100e-003	0.0447			134.9941	6.1800e-003		135.1239
Total	0.0486	0.0584	0.5418	1.9600e-003	0.1643	1.1900e-003	0.1655	0.0436	1.1100e-003	0.0447			134.9941	6.1800e-003		135.1239

3.24 7(b) Cable/Conduit Pulling and Tensioning - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0194	0.0234	0.2167	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179			53.9976	2.4700e-003		54.0496
Total	0.0194	0.0234	0.2167	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179			53.9976	2.4700e-003		54.0496

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0194	0.0234	0.2167	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179			53.9976	2.4700e-003		54.0496
Total	0.0194	0.0234	0.2167	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179			53.9976	2.4700e-003		54.0496

3.25 1(f) Substation Cutover and Energization - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0389	0.0467	0.4334	1.5600e-003	0.1314	9.5000e-004	0.1324	0.0349	8.8000e-004	0.0358			107.9953	4.9500e-003		108.0992

Total	0.0389	0.0467	0.4334	1.5600e-003	0.1314	9.5000e-004	0.1324	0.0349	8.8000e-004	0.0358			107.9953	4.9500e-003		108.0992
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0389	0.0467	0.4334	1.5600e-003	0.1314	9.5000e-004	0.1324	0.0349	8.8000e-004	0.0358			107.9953	4.9500e-003		108.0992
Total	0.0389	0.0467	0.4334	1.5600e-003	0.1314	9.5000e-004	0.1324	0.0349	8.8000e-004	0.0358			107.9953	4.9500e-003		108.0992

3.26 2(a) Demo Old 69/12-kV Substation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0583	0.0701	0.6502	2.3500e-003	0.1972	1.4300e-003	0.1986	0.0523	1.3300e-003	0.0536			161.9929	7.4200e-003		162.1487
Total	0.0583	0.0701	0.6502	2.3500e-003	0.1972	1.4300e-003	0.1986	0.0523	1.3300e-003	0.0536			161.9929	7.4200e-003		162.1487

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0583	0.0701	0.6502	2.3500e-003	0.1972	1.4300e-003	0.1986	0.0523	1.3300e-003	0.0536			161.9929	7.4200e-003		162.1487
Total	0.0583	0.0701	0.6502	2.3500e-003	0.1972	1.4300e-003	0.1986	0.0523	1.3300e-003	0.0536			161.9929	7.4200e-003		162.1487

3.27 2(c) Access Road and Retention Basin - 2022

Unmitigated Construction On-Site

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

Total					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0680	0.0818	0.7585	2.7400e-003	0.2300	1.6700e-003	0.2317	0.0610	1.5500e-003	0.0626			188.9917	8.6600e-003		189.1735
Total	0.0680	0.0818	0.7585	2.7400e-003	0.2300	1.6700e-003	0.2317	0.0610	1.5500e-003	0.0626			188.9917	8.6600e-003		189.1735

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0680	0.0818	0.7585	2.7400e-003	0.2300	1.6700e-003	0.2317	0.0610	1.5500e-003	0.0626			188.9917	8.6600e-003		189.1735
Total	0.0680	0.0818	0.7585	2.7400e-003	0.2300	1.6700e-003	0.2317	0.0610	1.5500e-003	0.0626			188.9917	8.6600e-003		189.1735

3.28 2(b) Western Parcel Site Prep - 2022

Unmitigated Construction On-Site

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

Total					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0680	0.0818	0.7585	2.7400e-003	0.2300	1.6700e-003	0.2317	0.0610	1.5500e-003	0.0626			188.9917	8.6600e-003		189.1735
Total	0.0680	0.0818	0.7585	2.7400e-003	0.2300	1.6700e-003	0.2317	0.0610	1.5500e-003	0.0626			188.9917	8.6600e-003		189.1735

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0680	0.0818	0.7585	2.7400e-003	0.2300	1.6700e-003	0.2317	0.0610	1.5500e-003	0.0626			188.9917	8.6600e-003		189.1735
Total	0.0680	0.0818	0.7585	2.7400e-003	0.2300	1.6700e-003	0.2317	0.0610	1.5500e-003	0.0626			188.9917	8.6600e-003		189.1735

3.28 2(b) Western Parcel Site Prep - 2023

Unmitigated Construction On-Site

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

Total					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0649	0.0776	0.7176	2.7400e-003	0.2300	1.6800e-003	0.2317	0.0610	1.5600e-003	0.0626			186.1339	8.3400e-003		186.3091
Total	0.0649	0.0776	0.7176	2.7400e-003	0.2300	1.6800e-003	0.2317	0.0610	1.5600e-003	0.0626			186.1339	8.3400e-003		186.3091

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0649	0.0776	0.7176	2.7400e-003	0.2300	1.6800e-003	0.2317	0.0610	1.5600e-003	0.0626			186.1339	8.3400e-003		186.3091
Total	0.0649	0.0776	0.7176	2.7400e-003	0.2300	1.6800e-003	0.2317	0.0610	1.5600e-003	0.0626			186.1339	8.3400e-003		186.3091

3.29 2(d) Substation Construction - Below Grade - 2023

Unmitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0464	0.0554	0.5126	1.9600e-003	0.1643	1.2000e-003	0.1655	0.0436	1.1100e-003	0.0447			132.9528	5.9600e-003		133.0779
Total	0.0464	0.0554	0.5126	1.9600e-003	0.1643	1.2000e-003	0.1655	0.0436	1.1100e-003	0.0447			132.9528	5.9600e-003		133.0779

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0464	0.0554	0.5126	1.9600e-003	0.1643	1.2000e-003	0.1655	0.0436	1.1100e-003	0.0447			132.9528	5.9600e-003		133.0779
Total	0.0464	0.0554	0.5126	1.9600e-003	0.1643	1.2000e-003	0.1655	0.0436	1.1100e-003	0.0447			132.9528	5.9600e-003		133.0779

3.30 2(f) Wiring and Relay Testing - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Total					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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0232	0.0277	0.2563	9.8000e-004	0.0822	6.0000e-004	0.0828	0.0218	5.6000e-004	0.0224			66.4764	2.9800e-003		66.5390
Total	0.0232	0.0277	0.2563	9.8000e-004	0.0822	6.0000e-004	0.0828	0.0218	5.6000e-004	0.0224			66.4764	2.9800e-003		66.5390

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0232	0.0277	0.2563	9.8000e-004	0.0822	6.0000e-004	0.0828	0.0218	5.6000e-004	0.0224			66.4764	2.9800e-003		66.5390
Total	0.0232	0.0277	0.2563	9.8000e-004	0.0822	6.0000e-004	0.0828	0.0218	5.6000e-004	0.0224			66.4764	2.9800e-003		66.5390

3.31 2(e) Substation Construction - Above Grade - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0835	0.0997	0.9226	3.5200e-003	0.2957	2.1600e-003	0.2979	0.0784	2.0000e-003	0.0805			239.3150	0.0107		239.5403
Total	0.0835	0.0997	0.9226	3.5200e-003	0.2957	2.1600e-003	0.2979	0.0784	2.0000e-003	0.0805			239.3150	0.0107		239.5403

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0835	0.0997	0.9226	3.5200e-003	0.2957	2.1600e-003	0.2979	0.0784	2.0000e-003	0.0805			239.3150	0.0107		239.5403
Total	0.0835	0.0997	0.9226	3.5200e-003	0.2957	2.1600e-003	0.2979	0.0784	2.0000e-003	0.0805			239.3150	0.0107		239.5403

3.31 2(e) Substation Construction - Above Grade - 2024

Unmitigated Construction Off-Site

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

Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0799	0.0949	0.8783	3.5200e-003	0.2957	2.1800e-003	0.2979	0.0784	2.0200e-003	0.0805				236.0489	0.0104		236.2666
Total	0.0799	0.0949	0.8783	3.5200e-003	0.2957	2.1800e-003	0.2979	0.0784	2.0200e-003	0.0805				236.0489	0.0104		236.2666

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0799	0.0949	0.8783	3.5200e-003	0.2957	2.1800e-003	0.2979	0.0784	2.0200e-003	0.0805			236.0489	0.0104		236.2666
Total	0.0799	0.0949	0.8783	3.5200e-003	0.2957	2.1800e-003	0.2979	0.0784	2.0200e-003	0.0805			236.0489	0.0104		236.2666

3.32 5(a) Construct Foundation - 2024

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0177	0.0211	0.1952	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.5000e-004	0.0179			52.4553	2.3000e-003		52.5037
Total	0.0177	0.0211	0.1952	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.5000e-004	0.0179			52.4553	2.3000e-003		52.5037

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0177	0.0211	0.1952	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.5000e-004	0.0179			52.4553	2.3000e-003		52.5037
Total	0.0177	0.0211	0.1952	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.5000e-004	0.0179			52.4553	2.3000e-003		52.5037

3.33 5(b) Pole Installation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0177	0.0211	0.1952	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.5000e-004	0.0179			52.4553	2.3000e-003		52.5037
Total	0.0177	0.0211	0.1952	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.5000e-004	0.0179			52.4553	2.3000e-003		52.5037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0177	0.0211	0.1952	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.5000e-004	0.0179			52.4553	2.3000e-003		52.5037
Total	0.0177	0.0211	0.1952	7.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.5000e-004	0.0179			52.4553	2.3000e-003		52.5037

3.34 5(c) Stringing and Conductor Installation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0264	0.2440	9.8000e-004	0.0822	6.1000e-004	0.0828	0.0218	5.6000e-004	0.0224			65.5691	2.8800e-003		65.6296
Total	0.0222	0.0264	0.2440	9.8000e-004	0.0822	6.1000e-004	0.0828	0.0218	5.6000e-004	0.0224			65.5691	2.8800e-003		65.6296

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0264	0.2440	9.8000e-004	0.0822	6.1000e-004	0.0828	0.0218	5.6000e-004	0.0224			65.5691	2.8800e-003		65.6296
Total	0.0222	0.0264	0.2440	9.8000e-004	0.0822	6.1000e-004	0.0828	0.0218	5.6000e-004	0.0224			65.5691	2.8800e-003		65.6296

3.35 2(g) Substation Cutover & Energization - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0355	0.0422	0.3903	1.5600e-003	0.1314	9.7000e-004	0.1324	0.0349	9.0000e-004	0.0358			104.9106	4.6100e-003		105.0074
Total	0.0355	0.0422	0.3903	1.5600e-003	0.1314	9.7000e-004	0.1324	0.0349	9.0000e-004	0.0358			104.9106	4.6100e-003		105.0074

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Worker	0.0355	0.0422	0.3903	1.5600e-003	0.1314	9.7000e-004	0.1324	0.0349	9.0000e-004	0.0358			104.9106	4.6100e-003		105.0074
Total	0.0355	0.0422	0.3903	1.5600e-003	0.1314	9.7000e-004	0.1324	0.0349	9.0000e-004	0.0358			104.9106	4.6100e-003		105.0074

3.36 Demobilization - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Total					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
Vendor	0.0000	0.0000	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	0.0264	0.2440	9.8000e-004	0.0822	6.1000e-004	0.0828	0.0218	5.6000e-004	0.0224			65.5691	2.8800e-003		65.6296
Total	0.0222	0.0264	0.2440	9.8000e-004	0.0822	6.1000e-004	0.0828	0.0218	5.6000e-004	0.0224			65.5691	2.8800e-003		65.6296

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0264	0.2440	9.8000e-004	0.0822	6.1000e-004	0.0828	0.0218	5.6000e-004	0.0224			65.5691	2.8800e-003		65.6296
Total	0.0222	0.0264	0.2440	9.8000e-004	0.0822	6.1000e-004	0.0828	0.0218	5.6000e-004	0.0224			65.5691	2.8800e-003		65.6296

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
User Defined Industrial	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.513300	0.073549	0.191092	0.130830	0.036094	0.005140	0.012550	0.022916	0.001871	0.002062	0.006564	0.000586	0.003446

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
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

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	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			0.0109	3.0000e-005		0.0116

Unmitigated	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			0.0109	3.0000e-005		0.0116
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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
Landscaping	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			0.0109	3.0000e-005		0.0116
Total	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			0.0109	3.0000e-005		0.0116

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
Landscaping	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			0.0109	3.0000e-005		0.0116
Total	4.8000e-004	5.0000e-005	5.1400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			0.0109	3.0000e-005		0.0116

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